

## Crescendo to Climategate Cacophony

### Behind the 2006 Wegman Report and Two Decades of Climate Anti-Science

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Climate science has produced increasingly-stronger scientific results intentionally obscured by an increasingly-noisy anti-science PR campaign. This has surged in a long crescendo from 1990 to the cacophony of “Climategate,” the email hack of the University of East Anglia’s Climatic Research Unit.

This 185-page report details the long history of these attacks, including funding flows, organizations, people and tactics. It highlights the reality behind a 2005-2006 campaign that purposefully misled Congress. Its results have formed a pillar of the anti-science PR campaign to this day, including Climategate. Although the author has benefited from frequent discussions with leading researchers, the report is based primarily on public information - government reports, organizations' websites, peer-reviewed articles, scholarly books and existing Freedom of Information Act (FOIA) data. This report shows in detail:

- A tight network of organizations and individuals funded and executed the long campaign. They used well-honed tactics pioneered by tobacco companies, but to obscure the dangers of second-hand smoke, acid rain, chlorofluorocarbons and greenhouse gas emissions.
- From 2001 to 2005, several of these, the **Competitive Enterprise Institute**, **George C. Marshall Institute**, **Senator James Inhofe** and allies found “new voices” in Canadians **Ross McKittrick & Steven McIntyre**, encouraged them and introduced them to Washington, DC. Using the old tactics, they tried to discredit specific scientists and the Intergovernmental Panel on Climate Change (IPCC).
- In 2005, **Representatives Joe Barton and Ed Whitfield** unusually demanded information from climate scientists Michael Mann, Raymond Bradley and Malcom Hughes, originators of a 1999 “hockey stick” graph later used in the IPCC 2001 reports. The scientific community pushed back. **Barton and Whitfield** bypassed the National Academy of Sciences, preferring an odd route to reach **Edward Wegman** to form an “independent, impartial, expert” panel to evaluate hockey stick statistics.
- In July 2006 the “Wegman Report” and House hearings combined into a major pillar of widespread and continuing attacks on Mann, the IPCC, and climate science, still employed since then. For example, Climategate testimony to the UK Parliament 03/01/10 still cited **Wegman**.
- The Panel had none of the attributes claimed. In no sense were its members independent. It far exceeded its charter. It relied heavily on information via Barton staffer **Peter Spencer**. It worked with critic **McIntyre**, but never contacted Mann. Key material even seems plagiarized from Bradley’s classic Paleoclimatology text, sometimes modified to weaken or even invert its meaning.
- Unlike the time of the tobacco wars, the media and Internet now amplify anti-science attacks by:  
(a) enabling a few determined people to divert chosen scientists’ research time entirely into responding to FOIA requests and personal attacks and (b) inciting harassment of scientists via public outcry, hate mail or threats of violence.

This report suggests:

- Congress should investigate the manufacture and exploitation of the Wegman Report. Such an investigation might well grow into the scope of the 1990s tobacco investigations. It has been suggested that **18.U.S.C §1001** and **18.U.S.C §371** might apply to organized efforts to mislead Congress. As part of that, Congress might investigate the nature of some organizations claiming nonprofit 501(c)3 status.
- Congress should consider changing FOIA law to preserve appropriate public access, but better differentiate between reasonable requests and unreasonable Internet-amplified harassment.
- Congress should consider better ways to deal with organized, Internet-amplified defamation campaigns not handled well by current laws. Climate scientists should not face death threats.

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Half this report is devoted to Appendices **A.2 Funders**, **A.3 Organizations**, **A.4 Activities**, and **A.7 Individuals**, all of whom are referenced in Bold throughout the text. Following is a one-page Index of the pages on which the primary descriptions of those can be found, placed nontraditionally here to put the terse navigational aids (pp. 2-4) together. From experience with an earlier report, people liked having a quick list of key people and terms near the beginning. Given the density of cross-references here, a traditional index would be immense, but using the full search in a PDF reader works adequately.

Readers primarily consulting the electronic PDF may find it useful to print pp.2-4 for easy reference.

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## Guide to Reading this Report

The reader should be undaunted by the length of this report, whose design tries to work both on paper and online. It should be useful to several different kinds of audiences. For readability on paper, some redundancy was unavoidable. The first 35 pages should suffice for most readers. Some could study more, with selection varying by interest. The report tries to make sense of a large amount of inherently-confusing and often-obscured data. The ~900 URLs and many other references are provided as backup and for in-depth study. Most references are given via in-line URLs, as per Web pages, most convenient for those reading an on-line PDF, but URLs are shown visibly for readability on paper.

### Objective Information versus Opinion, Typographic Conventions

Most content is objective information, but *opinions and occasional necessary speculations use Italics*. A few comments are inherently qualitative opinions, akin to those of commercial or military intelligence, where one tries to find facts that others prefer hidden, and tries to “connect the dots.” Some people want to see these opinions. Others do not, and they can just ignore the Italics. Readers will make their own evaluations anyway.

**Bold terms** have entries in A.1-A.4, with **bold personal names** in A.7. References are in [brackets].

### People familiar with climate anti-science PR campaigns

Those familiar with the general topic and primarily interested in recent discoveries about the **Wegman Report (WR)** can examine **Figures 2.1** and **3.1** for context, then skip to **§5**, read it and Appendices **A.10** and **A.11**, and selected parts of other Appendices. They should read posts of Canadian blogger Deep Climate (DC) to whom much is owed for unearthing key facts. However, the **WR** was just one tactic in a two-decades-long campaign, and the rest of the document collects much detail to let people follow any subset of threads they wish to explore. Some readers might be familiar with the organizations, tactics, and individuals of **A.2**, **A.3**, **A.4** and **A.7**, but might consult **A.6** for detailed maps of relationships among these.

### People unfamiliar with anti-science PR campaigns

People new to the general topic of anti-science PR campaigns should read **§1-§3**, be ready to look up key people and terms in the Appendices, and then start working through **§4-§7** to understand the history, and assess the likelihood of long-term anti-science campaign involving closely-connected people.

**§1** explains the author’s use of the terms *science*, *pseudoscience*, *science-noise*, and *anti-science*, of which the last is the focus of this report. **Figure 1.1** shows the overall process of *bypassing science*, whose modern implementation likely began with tobacco companies.

**§2** visually describes the machinery of anti-science as context for the other discussions. **Figure 2.1** is the overview, and all readers should check that, and on first reading, might skip the remaining detail in **§2**.

**§3** overviews the two-decade chronology of the climate anti-science campaign, graphed in **Figure 3.1**.

**§4**, **§5**, **§6** split the chronology into 3 periods: 1988-1997, 1998-2006, and 2007-2010. The primary focus is **§5** (the manufacture and exploitation of the 2006 **WR**). Earlier and later chronologies offer context to avoid mistaking it as an odd one-off event. Recurring patterns include:

- attempt to counter science directly within normal scientific processes, usually failing badly.
- confuse the public, outside scientific processes, often successfully.
- pick a few scientists for unrelenting personal attack, in Ben Santer’s case, for 15 years.

**§7** offers a few suggestions for action by the US Congress or others.

**§8** summarizes the report, ending with a discussion of possible climate conspiracies.

### Sources - Peer Reviewed Science Research

(a) Some journals print anything, (b) some use a knowledgeable editorial board, but (c) *peer-reviewed journals* send incoming papers to (usually)-anonymous knowledgeable experts. Highly-ranked journals, such as *Science* or *Nature*, are very selective and perform strong peer reviews. Relative journal credibility varies greatly, but is well-known to people in a field. Researchers gain (or lose) credibility over time. Some may be credible enough to write the equivalent of “The Sun will rise in the West tomorrow” and make the reader seriously consider that possibility. At the other extreme, from some people, “The Sun will rise in the East tomorrow” would cause the reader to look for it in the West. Researchers gain little stature from merely confirming existing mainstream views, but always look for data that challenges them.

Passing (failing) peer review does not prove a paper correct (wrong). Passing peer review is better-interpreted as “This does not seem obviously wrong, and it seems interesting.” Anything really interesting or novel stirs many others to examine the work. It might get refuted quickly, or slowly, or simply fail to gain support, or it might repeatedly be confirmed. A few bad papers always slip through, especially in lower-quality journals. So, passing peer review is a plus, but not a guarantee.

It is far more meaningful if people are unable to regularly publish ideas in credible peer-reviewed journals, especially if their results would be world-shaking. If they write such material only in poorly-regarded journals (**E&E**), websites, books, OpEds, it is a red flag, even if they publish credible material elsewhere. Hence, passing peer review means much less than not being able to pass it in credible journals.

That people have found a few minor errors in the ~3000 pages of the IPCC is no surprise. What is astonishing is that intense scrutiny by people wishing to discredit the IPCC has found so few.

### Sources – Websites, Wikis, Blogs

Wiki and many web pages here are never regarded as authoritative, just useful guides to authoritative references. They can be helpful introductions to new topics, and often summarize information not easily findable in any other single place. They are best employed to find references to credible sources, while carefully assessing opinions. This report already has ~900 URLs, and without Wikis that number would have been 5-10X larger. Sometime massive official documents (like foundation “990” forms) are only summarized in Wikis. I’ve often referenced [Sourcewatch] pages, for example that name people who have at some time been associated with some organization. These pages are not always up-to-date, or complete, but have often been compiled over years. I’ve often gone back to the original pages (or archives) and checked them out. Likewise, I’ve often checked out referenced sources in other Wiki’s. The reader is invited to at least do sample checks. *Please report errors, as this report may well be updated.*

Field professional researchers tend to ignore truly awful journal papers, but sometimes good refutations exist only in blogs or other websites. Starting with a problematical article, peer-reviewed refutations can be hard to find, unless one subscribes to specialist journals or spends much money on articles behind paywalls. It is even harder to make this accessible for a wider audience unlikely to have free access to those journals. Hence, I have leaned towards carefully-selected websites with understandable explanations, based on peer-reviewed work, rather than exhaustively tracking specialist literature.

This report is long, and much is about interpersonal connections, so surnames alone are typically used for brevity, titles are omitted, University is abbreviated as U, intending no discourtesy to any.

### Important qualification

Whenever groups are mentioned as connections, absolutely *nothing* is implied about other members of the group. Group names are simply used as familiar labels and to help explain connections, whether certain, likely, or at least plausible.

## 1 Introduction – Definitions, Science Bypass, Cigarettes, and Climate

This section briefly offers my interpretations of the following 4 general terms, which can be applied in any science-related topic. Anti-science especially seeks to bypass science with regard to public policy, using many tactics created for the tobacco wars, and employed widely since then against other areas of science. **Figure 1.1** illustrates the general approach, and the rest of this report analyzes the specific instance of climate anti-science over the last two decades.

### Science

Real science starts with research, followed by peer-reviewed publication in credible places, and most crucially via repeated evaluation by field researchers. Like the Great Wall [MAS2008a] built over time, brick by brick, it does not fall down because one brick jiggles. Science accumulates over time, with large collections of research, rarely dependent on any one paper. Science is not determined by voting, especially by non-experts. Consensus emerges from evidence and models that survive repeated challenges, and at any point in time, scientists maintain differing degrees of certainty that change with evidence:

“I have approximate answers, and possible beliefs, and different degrees of certainty about different things.”  
– Richard Feynman

### Pseudoscience

When ideas are repeatedly examined, often explicitly refuted, but originators persist in the face of a strong imbalance of evidence, at some point it becomes *pseudoscience*, an attempt to convince scientists to adopt ideas for which the balance of evidence is strongly adverse. In some fields, its primary use is sales.

### Science-noise

In communicating new results to the public, the end-to-end process easily over-interprets results, loses caveats, or creates outright errors, as often happens in space-constrained newspaper headlines. This might be called *science-noise*, for lack of a generally-accepted term. Good communication of science to the public is nontrivial. Signal is often obscured by noise, purposeful or accidental, which can either increase or lessen the perceived importance of some scientific result. Science-noise in one direction sometimes incites people to the other extreme, ignoring the real science. A good example of science-noise is the recent confusion regarding “Phil Jones said global warming ended in 1995”. He did not say that.

[www.skepticalscience.com/Did-Phil-Jones-really-say-global-warming-ended-in-1995.html](http://www.skepticalscience.com/Did-Phil-Jones-really-say-global-warming-ended-in-1995.html)

Organized *anti-science* differs from science-noise, although it often welcomes noise and amplifies it.

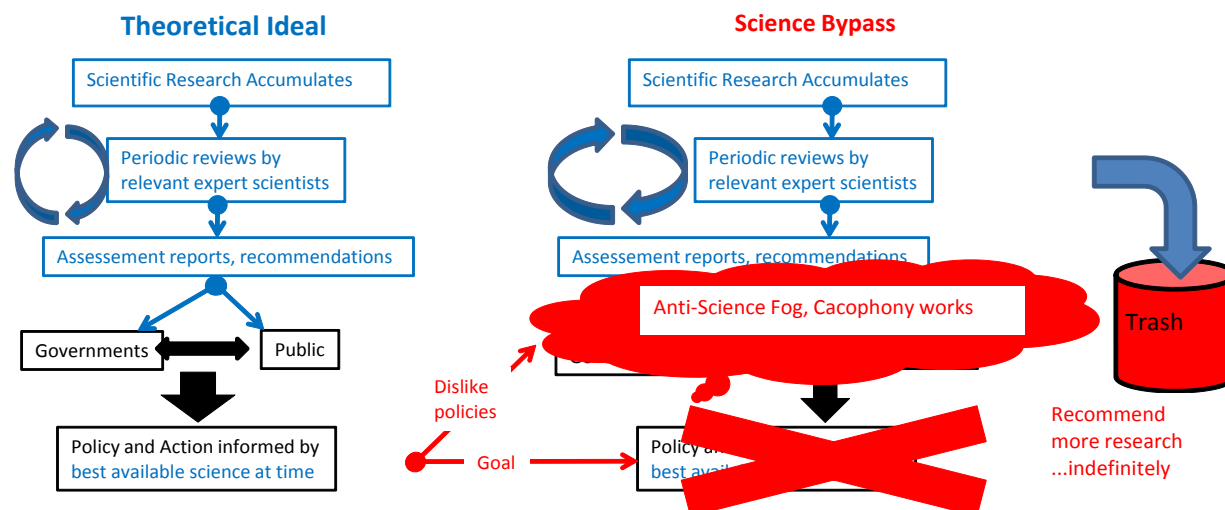
### Anti-science

*Agnotology* was coined by Stanford’s Robert N. Proctor [PRO2008] to describe the deliberate production of ignorance and doubt. When applied to scientific topics, it might be called *anti-science*, employed especially when research results threaten strong economic or ideological interests. It is rarely intended to convince field professionals, but to confuse the public and especially decision-makers in government and business. Many modern anti-science PR tactics were created for tobacco companies and then used thereafter, often by the same people and organizations, especially in fighting environmental. Many scientists are unused to dealing with such tactics, since most scientific fields face no organized anti-science. The Internet offers new opportunities for anti-science amplification, using networks of media, websites, blogs, and public helpers. The practitioners are very experienced.

Anti-science sometimes employs its own science-noise and even pseudoscience. Suppose someone writes a peer-reviewed paper showing some well-caveated, modest effect, but then drastically and repeatedly over-interprets it for non-field audiences via OpEds, lectures, blogs, websites, claiming it has demolished decades of careful research. That is usually deliberate anti-science, not just science-noise.

Organized anti-science seeks to bypass science, especially with regard to public policy:

Figure 1.1 Science &amp; Policy vs Science Bypass



### Science Bypass Tactics

It is difficult to understand the anti-science machine in the USA without learning about tobacco tactics. The general approach was created by Hill and Knowlton in 1954 for the tobacco companies [BRA2007]: [legacy.library.ucsf.edu/tid/wye21a00/pdf](http://legacy.library.ucsf.edu/tid/wye21a00/pdf) “A Scientific Perspective on the Cigarette Controversy” The approach was classic *science bypass* – get quotes from authoritative-sounding sources and distribute to a large public audience to create doubt and delay. The tactics have often been employed since to fight most environmental regulation, whether warranted or not. The reader might consult the original booklet and assess whether or not *Sourcewatch*’s summary is fair. I have excerpted their headings: [www.sourcewatch.org/index.php?title=Council\\_for\\_Tobacco\\_Research](http://www.sourcewatch.org/index.php?title=Council_for_Tobacco_Research): (more in A.3.TIRC)

- The evidence is still inconclusive.
- Something other than smoking may be responsible.
- Statistical evidence can’t be trusted.
- It’s all a scare campaign.
- The issue is too complicated, even for scientists.
- Nit-picking at irrelevant details.
- More research is necessary.

Replace “smoking” by “human-generated greenhouse gases” and one has a guide for climate anti-science. All of the tactics can be found here. A few physicists have campaigned for two decades to nullify the results of climate research, or more generally to obscure any science that might lead to government environmental regulation [ORE2010]. Several physicists (not physicians) have taken even direct roles in fighting restrictions on smoking. Many active climate-science advocates have been employed by or consulted for organizations at least partly funded by tobacco companies. (A.3, A.6.1).

The main addition in recent years has been an increase in personal attacks of various kinds, amplified by the Internet, not then available in the early tobacco wars. The Tobacco Archives is a fascinating database of behind-the-scenes activity, unfortunately unavailable for most other anti-science campaigns.

For strong nicotine addiction, most people must start smoking while their brains are developing quickly (age 12-18). They usually stick with early brand choices. Tobacco firms knew this long ago: [legacy.library.ucsf.edu/tid/eyn18c00/pdf](http://legacy.library.ucsf.edu/tid/eyn18c00/pdf) “The Importance of Younger Adults” ~1984. Long-term tobacco revenues thus depend strongly on addicting children, which needs brilliant marketing and lobbying. By comparison, *confusing people about climate science is child’s play*.

## 2 The Machinery of Anti-Science – Laundering Money and Memes

This section offers frameworks to help analyze the machinery of anti-science. This report offers multiple views of a complex structure, in an attempt to make it more comprehensible, but it is not easy.

**Figure. 2.1** is a top-level view, with details expanded in **Figures. 2.2-2.6**. It shows flows of money and memes (ideas, information, especially disinformation, and sometimes personal attacks). It is the architecture of an efficient anti-science PR machine used to confuse people about science. Money (black) flows from funders at the top (O1, O2), of which the most important examples are described in **A.2**. The \$\$\$-filled cloud it intended to show financial obscurity. Money flows through several layers of foundations or from corporations into trade associations (O5). Sometimes it goes through PR agencies (O3). Then it flows to fronts (O5) or think tanks (O6) and eventually to individuals. Individuals can correctly say “I don’t take money from fossil fuel companies” but the money may have originated there, 2-4 steps back. The (O?) categories are explained in **Figure 2.4**.

The red box at middle right loosely corresponds to Sourcewatch’s “industry-friendly experts” often used to generate and communicate memes: [www.sourcewatch.org/index.php?title=Industry-friendly\\_experts](http://www.sourcewatch.org/index.php?title=Industry-friendly_experts)

**A.3** describes relevant organizations that at least sometimes do anti-science advocacy, followed by examples of common tactics in **A.4**. Many people are listed in **A.7**, not all of whom do anti-science, *but many of whom might plausibly be asked some questions*. In a few cases, names appear simply because they were mentioned in interesting emails or meeting notes.

**Figure. 2.2** describes people’s backgrounds and levels of knowledge about some specific natural science, in this case climate science. In most scientific disciplines, knowledge is produced by research professionals (K7-K10 levels of knowledge in **Figure 2.2**.) A few people in K3-K7 generate climate disinformation memes that are then amplified and repeated endlessly by those with minimal relevant science knowledge (K0-K2). **Figure.2.3**. explains people’s backgrounds, in more detail.

**Figure 2.4** lists different kinds of organizations (O1-O9 in **Figure 2.1**) perhaps involved in anti-science. A few think tanks and fronts focus entirely or strongly on climate anti-science. Some do none at all.

**Figure. 2.5** integrates **Figures. 2.2-2.4** into a map of organizations and individuals versus reasons for involvement with anti-science. **Figure 2.6** is a more detailed catalog of possible reasons for doing anti-science. For any given person or organization, some reasons can be confidently inferred. Others are at best speculation, especially lacking direct experience. People observably come to anti-science by various routes and different combinations of reasons, quite often not financial. Many who accept or repeat climate anti-science have no obvious financial connections. For instance, politics or ideology seemed to be more relevant in **APS2009**. Ego or attention can be strong motivators for some people. Getting introduced to and promoted by a US Senator can be more desirable than some consulting fee.

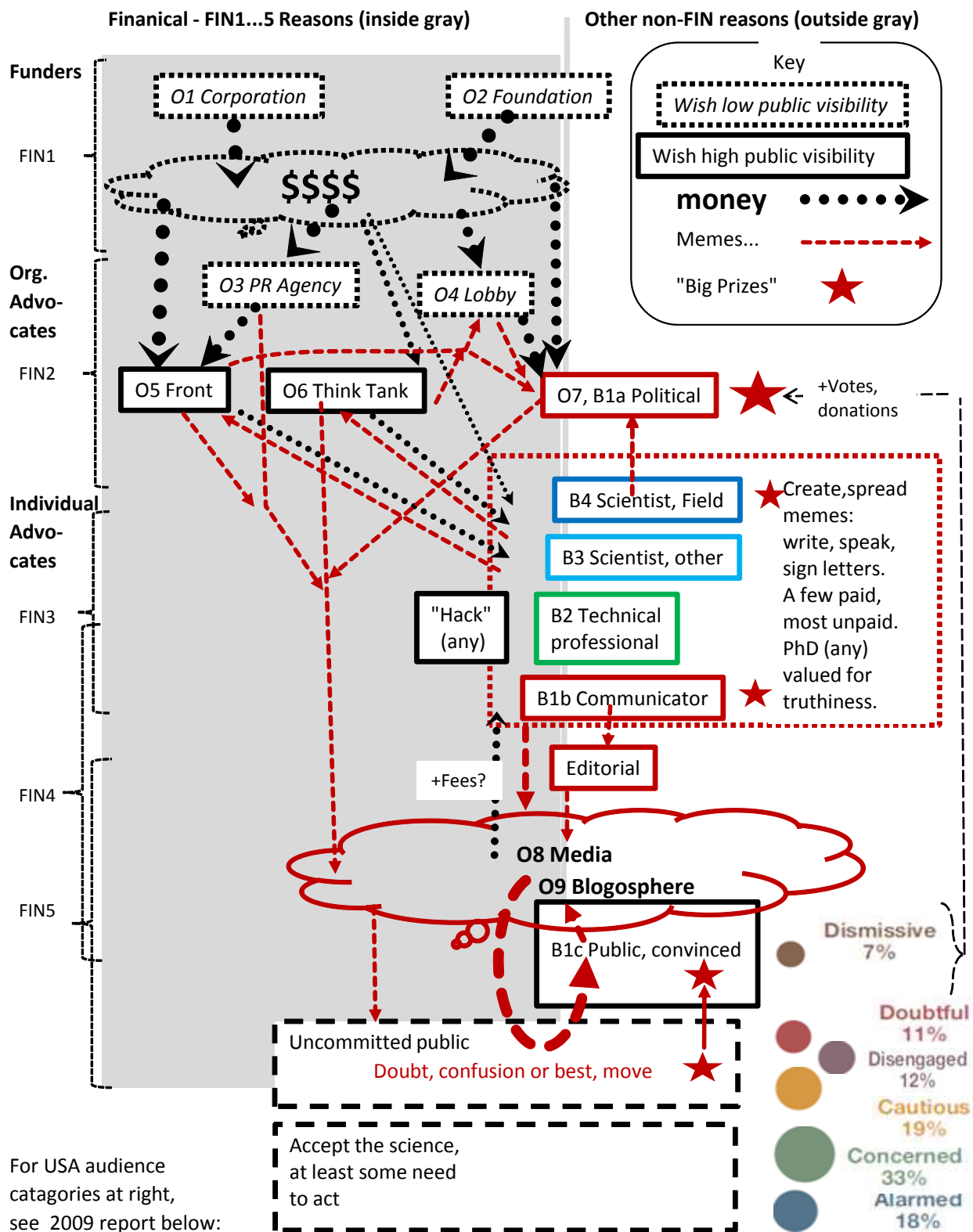
This report focuses most attention on the top half of **Figure 2.1**, with relatively minimal attention paid to the Media (O8) and Blogosphere (O9). Those are important cogs in the machine, but this report is already long. For much discussion of the media, see Max Boykoff’s many publications:

[sciencepolicy.colorado.edu/publications/search.html?searchString=&selectedMetadata\[\]=2582&action=Search&goInto=&toClose=](http://sciencepolicy.colorado.edu/publications/search.html?searchString=&selectedMetadata[]=2582&action=Search&goInto=&toClose=)

### Funding

Since many think tanks do not discuss their funding sources, foundation funding records are useful, but incomplete hints, as direct corporate funding is difficult to locate. **A.6** shows known funding flows from **ExxonMobil** and various foundations to think tanks. Many think tanks manage to be 501(c)(3) tax-free foundations, despite acting essentially as PR and lobbying agencies. [en.wikipedia.org/wiki/501%28c%29](http://en.wikipedia.org/wiki/501%28c%29).

Figure 2.1 Anti-Science Flow of Money and Memes (OBR)

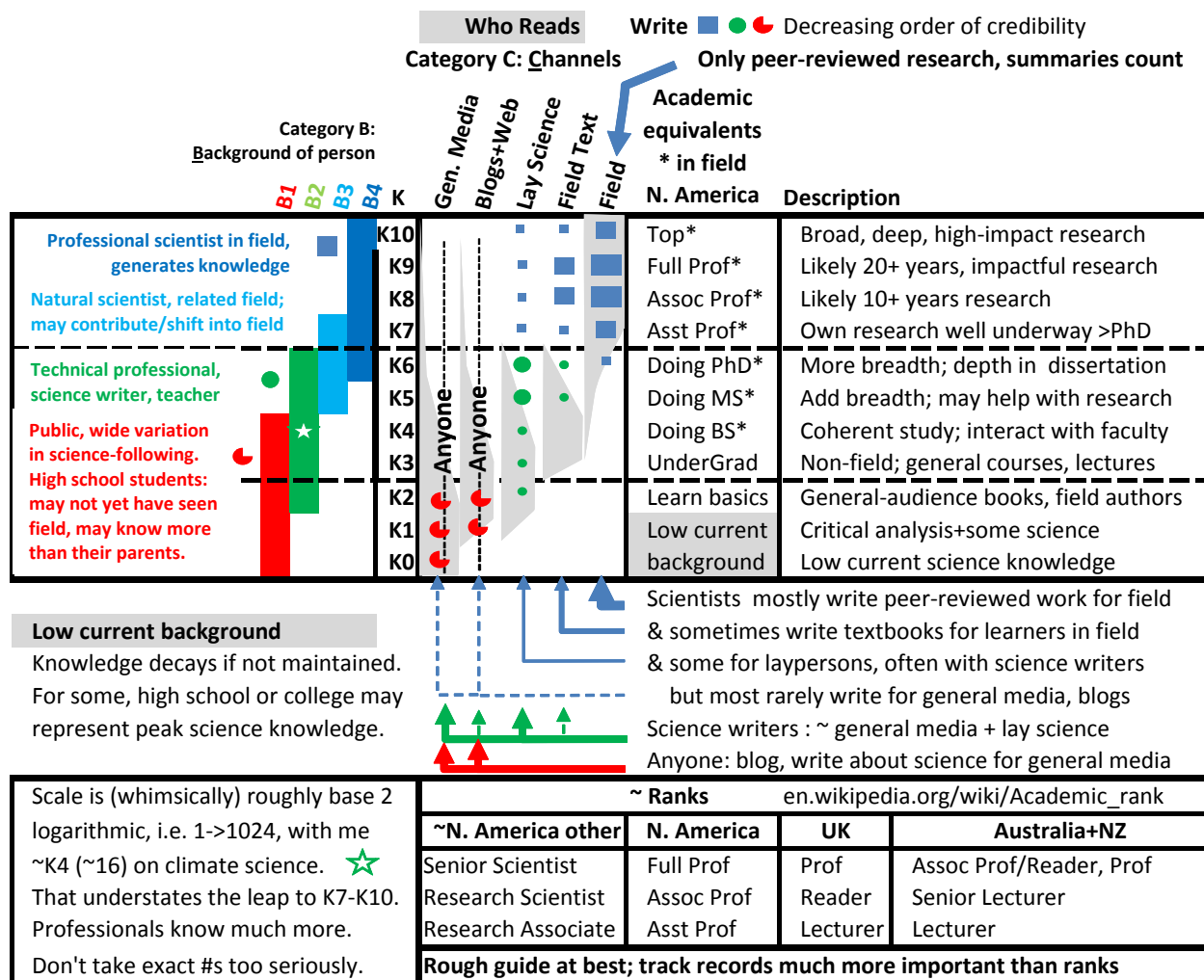


For USA audience categories at right, see 2009 report below:

[YAL2009] <http://envirocenter.research.yale.edu/uploads/climatechange-6americas62309.pdf>

**Figures. 2.2 and 2.3** roughly model levels of knowledge / expertise in a given natural science area, such as climate science, plus approximate backgrounds. They are used to try to calibrate whether someone's unsupported opinion on a topic might be worth something or not. A great deal of anti-science is communicated by people fairly low on the expertise scale.

**Figure 2.2 Knowledge & Expertise in Science Field (BCK)**



**Figure 2.3 Backgrounds of People (B)**

- B1 Public, no particular field or technical expertise; here grouped in 3 subcategories by visibility**
- B1a Politician** Individual politician
  - B1b Communicator** Visible pundit, speaker, columnist, writer, possibly with official blog.
  - B1c Other Public** May write letters, post on blogs, even pay for own blog
- B2 Tech professional** Layperson in field, but with relevant technical skills; science journalists  
Engineers, including computer scientists; others with relevant statistical skills, like economists. Need to study field, of course.
- B3 Scientist, other** Natural scientist, perhaps related field, but not in the specific field
- B4 Scientist, Field** Natural scientist within specific field; famous scientist is good catch

The remaining **Figures** in this section describe various aspects of anti-science behavior.

Figure 2.4 Organization Types, of Which Some Do Anti-Science (O)

<b>Organizational Advocacy</b> <i>Italics: minimize public visibility, at least for this specific topic/connection</i> <b>Funds normally start with O1/O2, but then often follow multi-hop paths through others</b>	
<b>O1 Corporation</b>	Corporations, especially those that "privatize profits, socialize costs" See "negative externalities" in economics. May outsource some lobbying.
<b>O1a</b>	Profits: strongly-detrimental products; Ex: TOBACCO
<b>O1b</b>	Profits: products useful, but have negative side-effects, relatively localized Ex: Asbestos, local polluters
<b>O1c</b>	Profits: clearly useful products/services, but broad negative side-effects Ex: Fossil fuels (energy) and other GHG producers
<b>O1d</b>	Specific wish to lower regulation/taxes/risks for itself
<b>O1e</b>	General wish to minimize bureaucracy of doing business
<b>O2 Foundation</b>	Often funded by family wealth built on same corporation types as in O1 Individual funders may be included here, but the big money is foundations.
<b>O3 PR Agency</b>	Work-for-hire (WFH); minimal public visibility; can do major strategy Some (not all) PR agencies seem happy to sell anything to anyone: John Hill of Hill&Knowlton created tobacco strategy.
<b>O4 Lobbyist Firm</b>	Work-for-hire (WFH), but mostly targets government. USA: "K Street" Of course, others (O1-O3, O6-O7) do lobbying as well.
<b>O5 Front Org or Industry Association</b>	Usually "captives" of funders who create them for joint effort or a "public face" that might be more credible than the funders. Trend seems: O5a => O5b => O5c, and especially O6 to "outsourcing" such efforts to thinktanks who compete for business.
<b>O5a</b>	a) Long-term industry association, obviously funded by O1's Example: American Petroleum Institute, which is what it says it is. Usually do lobbying; seems less used lately for public PR
<b>O5b</b>	b) Front organizations visibly funded by O1 (+O2) Example: TIRC; Cooler Heads Coalition
<b>O5c</b>	c) "Astro-turf" organizations, fake grassroots, misleading names Example: TASSC, The Advancement of Sound Science Coalition
<b>O6 Think Tank or policy institute</b> Some Think tanks (and other NGOs) are nonpartisan entities that do what they claim. But some are not.	One-person+website ... large continuig entity. Often exists independent of specific funders (unlike O5b+O5c), but competes for funds, by touting abilities to convince public, lobby politicians, send FAXes, and seem as independent entities more credible than their funders. Funding is often murky, and some Think Tanks pass funds to others. They can do PR / lobbying, but have publicly-visble identity, unlike PR agencies and lobbyists, but unlike those, many are tax-free nonprofits, which saves money. Some emphasize O1e views, but get most funding from O1a-O1c+O2, who may want to "hide in crowd".
<b>O6a</b> large	AEI, CEI, CATO, Heartland
<b>O6b</b> medium	GMI, ELC: handful of regular staff
<b>O6c</b> small	Science and Public Policy Institute SPPI (new, small), ~1 person+Website
<b>O7 Political Org.</b>	Political party; PAC
<b>O8 MSMedia</b>	MainStream Media; lately, distinction vs blogs is fuzzier
<b>O9 Blogosphere</b>	Some parts are actually more interc-connected than they seem, and cooperate to spread messages. Others are just random bloggers.
<b>O9a</b>	"Journal" of low reput, like E&E, JPANDS; more like blogs than MSMedia

**Figure 2.5 Anti-Science Organizations and People's Backgrounds vs Reasons (OBR)**

Organizational Advocacy	IF anti-science, then which set of reasons is plausible or clear?																											
Individual Advocacy	FIN					IDE		POL		PSY										In field				TEC				
Ital: minimize visibility	1	2	3	4	5	1	2	1	2	1	2	3	4	5	6	7	8	9	a	1	2	3	4	5	6	7	8	
O1 Corporation	X																											
O2 Foundation	X					x														X								
O3 PR Agency		X																		x								
O4 Lobby		X				x																						
O5 Front org		X				x																						
O6 Thinktank		X				x																						
O7 Political Org.		X	X			X		X		Some of these are especially hard to know																		
O8 MSMedia		x	x			x		x		Almost any combination can be found																		
O9 Blogosphere		x	x			X		X		Almost any combination can be found																		
B1a Politician		x	X			X		X		x		x		x		x		x										
B1b Communicator			x	x		X			x	x		x		x		x		x		x								
B1c Other Public				x	x		x		x	x			x		x		x		x		x							
B2 Tech professional			x	X	x		x		x	x		x		x		x		x		x								
B3 Scientist, other			x	x	x		x		x	x		x		x		x		x		x					x		x	
B4 Scientist, Field			x				x		x	x		x		x		x		x		x								
FIN1 Huge: long-term, direct economic organizational self- interest																												
FIN2 Large: long-term, direct organizational interest, via funding from above																												
FIN3 Personal: direct economic interest, effectively paid for anti-science																												
FIN4 Plausible Fear: personal economic impacts, less direct , employee																												
FIN5 Vague fear: personal economic impacts; general public																												
IDE1 Professional (paid political advocacy; anti-regulation; creationism?)																												
IDE2 Public (political advocacy; anti-regulation; creationism)																												
POL1 Political wedge tactic: "X says it", more votes																												
POL2 Against: "Cannot stand X, so anything they say is wrong"																												
PSY1 Conflates: confuses non-science with real science, dismisses latter as former																												
PSY2 Contrarian nature; even without attention																												
PSY3 Contrarian attention: gets much more attention/publicity; may help career																												
PSY4 Ego/pride: in skepticism in general and of scientists in particular																												
PSY5 Dunning-Kruger Effect; incompetent and does not know it																												
PSY6 High-bar, low-bar: real science takes work; contrarian, easy acceptance																												
PSY7 Ambiguity-intolerant personality: all-or-none thinking																												
PSY8 Personal anchor: encounters anti-science early, accepts, sticks																												
PSY9 General psychology denial: problem just too big																												
PSYa Personal: Influence from respected mentor/colleague/etc with strong beliefs																												
TEC1 Long Anchor: early position from TEC0, held long , ~Type II error)																												
TEC2 Field non-science: evidence stays weak, mild ~Type I error																												
TEC3 Field pseudo-science: wrong: strongly disproved, strong ~Type I error																												
TEC4 Intra-field (or nearby) conflict: personal, factional; discipline rivalry																												
TEC5 "Going emeritus": (retired, or close) person starts opining beyond expertise																												
TEC6 Ego: smarter than field scientists, prove them wrong																												
TEC7 Inter-field conflict: many in one field dislike (usually newer) field																												
TEC8 Over-generalization: of methods from own area, models, proofs, etc																												

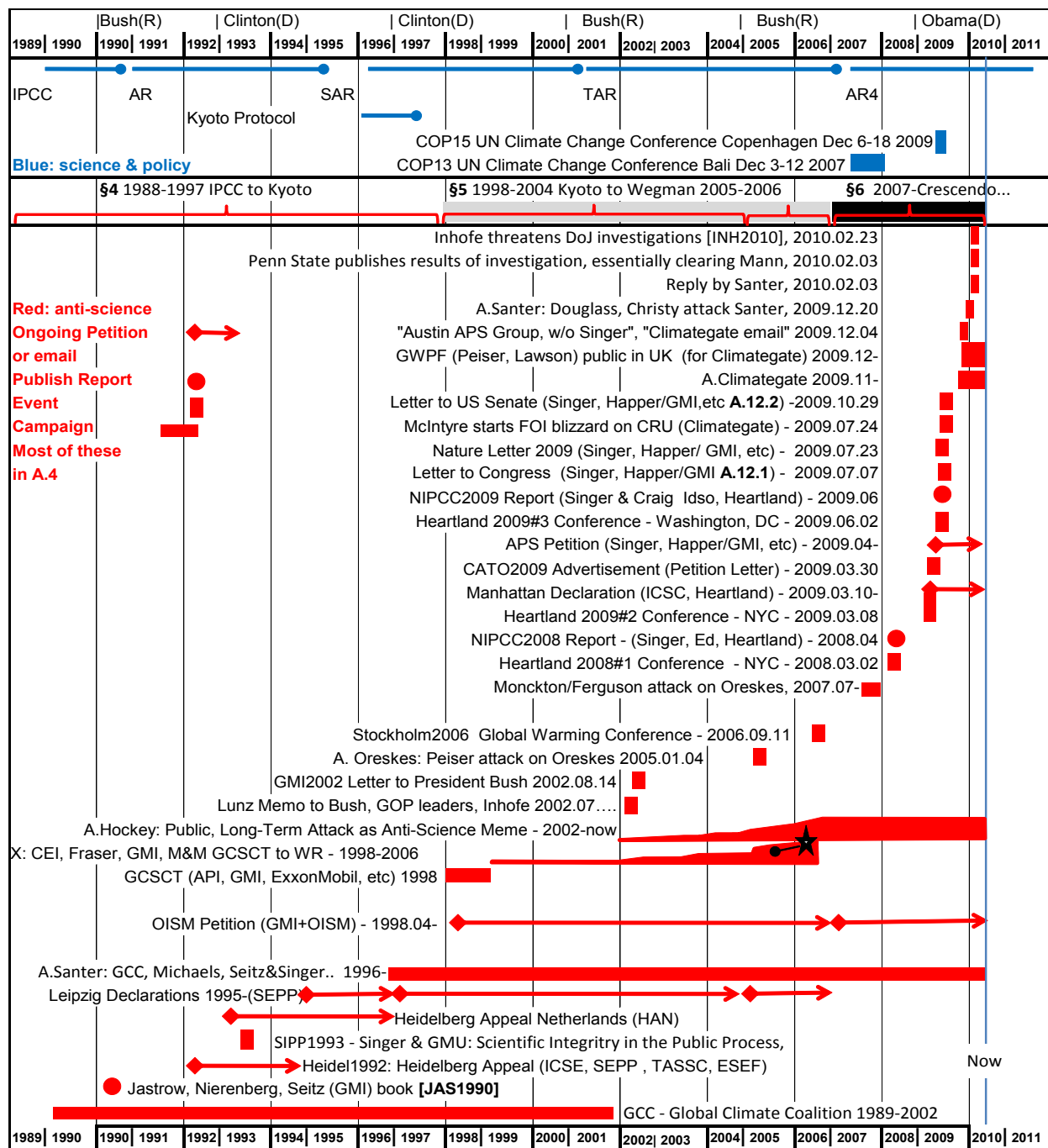
Figure 2.6 Reasons for Anti-Science (R)

IF anti-science THEN one or more following reasons likely to be found; not all combinations make sense.		
<b>Finance</b>	<b>FIN1</b>	Huge: long-term, direct economic organizational self- interest
	<b>FIN2</b>	Large: long-term, direct organizational interest, via funding from above
	<b>FIN3</b>	Personal: direct economic interest, effectively paid for anti-science
	<b>FIN4</b>	Plausible Fear: personal economic impacts, less direct , employee (ex: coal co)
	<b>FIN5</b>	Vague fear: personal economic impacts; general public LB suggests "reference dependency" and "non-rational risk assessment"
<b>Ideology</b>	<b>IDE1</b>	Professional (paid political advocacy; anti-regulation; extreme free-market)
	<b>IDE2</b>	Public (political advocacy; anti-regulation; extreme free-market, beyond usual)
<b>Politics</b>	<b>POL1</b>	Political wedge tactic: "X says it", more votes
	<b>POL2</b>	Against: "Cannot stand X, so anything they say is wrong" Example: "greenie treehugger environmentalists", or "Al Gore"
<b>Psychology</b>	<b>PSY1</b>	Conflates: confuses non-science with real science, dismisses latter as former
	<b>PSY2</b>	Contrarian nature; even without attention
	<b>PSY3</b>	Contrarian attention: gets much more attention/publicity; may help career
	<b>PSY4</b>	Ego/pride: in skepticism in general and of scientists in particular
	<b>PSY5</b>	Dunning-Kruger Effect: incompetent and does not know it
	<b>PSY6</b>	High-bar, low-bar: real science takes work; contrarian, easy acceptance
	<b>PSY7</b>	Ambiguity-intolerance: all-or-none thinking; "Authoritarian personality" ??
	<b>PSY8</b>	Personal anchor: encounters anti-science early, accepts, sticks
	<b>PSY9</b>	General psychology denial: problem just too big
	<b>PSYa</b>	Personal: Influence from respected mentor/colleague/etc with strong beliefs
<b>Tech including science</b>	<b>TEC1</b>	Long Anchor: early position from TEC0, held long , ~Type II error
	<b>TEC2</b>	Early doubts OK, but mainstream has long ago moved. TEC7, PSY2?
	<b>TEC3</b>	Field non-science: evidence stays weak, mild ~Type I error (solar?)
	<b>TEC4</b>	Field pseudo-science: wrong: strongly disproved, strong ~Type I error Scientist has an idea, but mainstream science gets in its way. (cosmic?) Intra-field (or nearby) conflict: personal, factional; discipline rivalry Some meteorologists and TV weather people seem especially prone to distrusting climate scientists, especially modelers. Guess: the former have to predict noise, and get criticized when they miss. Some may not understand the physics and methods of climate modeling.
	<b>TEC5</b>	"Going emeritus": (retired, or close) person starts opining beyond expertise These are truly sad cases. Sometimes response to perceived loss of influence. If inside field and has long done good work, then... might be TEC1, PSY3, PSY1
	<b>TEC6</b>	Ego: smarter than field scientists, prove them wrong
	<b>TEC7</b>	Inter-field conflict: many in one field dislike (sometimes newer) field Unsurprising that some mining/petroleum engineers disbelieve AGW. (FIN4) Some a) physicists, b) engineers, c) economists, d) political scientists seem unusually likely to distrust climate science. (Speculative) reasons complex. DOE, nuclear, weapons folks sometimes dislike environmentalists...
	<b>TEC8</b>	Over-generalization: of methods from own area, models, proofs, etc
Following understandable, but at some point become real anti-science TEC1 or PSY1		
<i>In field</i>	<b>TEC0</b>	<i>Normal scientific argument evidence, value, uncertainty ?=&gt;TEC1</i>
<i>Anyone</i>	<b>PSY0</b>	<i>Irrked: exaggeration, non-science, bad journalism, moral arguments ?=&gt;PSY1</i>

### 3 1988-2010 Overall Chronology Chart

**Figure 3.1** summarizes two decades climate anti-science, with intense efforts whenever someone might take effective action. The 1988-1997 years showed efforts by relatively few people. A major expansion occurred starting in 1998, with the Kyoto Protocol in mind. A crescendo of activity is visible from 2007 onward. It is easy to misunderstand any single incident. If X attacks Y as having done bad science, that might be legitimate, but if X has a 20-year history of attacking many others, it is rather less likely.

**Figure 3.1 Overall Chronology**



## 4 1988-1997 IPCC to Kyoto

### 4.1 1988-1997 From Creation of the IPCC to the Kyoto Protocol

**1988-1995** The 1988 testimony to Congress by James Hansen and the formation of the IPCC stirred the creation of the Global Climate Coalition (**GCC**).

The George C. Marshall Institute (**GMI**) published an early book [**GMI1990**] encouraging doubt, and promoting “more research needed.” At that point, the warming signal was only starting to emerge from the noise, but the theory predicting further warming was quite sound, and the evidence kept arriving in support of it. “Do nothing now, more research needed” was continued indefinitely, long after much strong evidence had appeared. **Singer** started generating petitions, conferences.

**1996** The **GCC**, **Michaels**, **Seitz** (**GMI**) and **Singer** launched a continuing personal attack (**A.Santer**) on Ben Santer, of **LLNL**, a story told in detail in [**ORE2010**]. The attack was mostly carried out via Websites, OpEds and letters, as in **Seitz**’s OpEd in the **WSJ**. Santer had done absolutely nothing wrong, was strongly supported by the legitimate scientific community, but for PR goals, that did not matter. He wrote: [www.realclimate.org/index.php/archives/2010/02/close-encounters-of-the-absurd-kind](http://www.realclimate.org/index.php/archives/2010/02/close-encounters-of-the-absurd-kind)

“In May 1996, a document entitled “The IPCC: Institutionalized ‘Scientific Cleansing’?” was widely circulated to the press and politicians. In this document, the Global Climate Coalition claimed that after a key Plenary Meeting of the IPCC in Madrid in November 1995, all scientific uncertainties had been purged from Chapter 8. The GCC’s “scientific cleansing” allegation was soon repeated in an article in Energy Daily (May 22, 1996) and in an editorial in the Washington Times (May 24, 1996). It was also prominently featured in the World Climate Report, a publication edited by Professor Patrick J. Michaels (June 10, 1996).”

He is still subject to personal attack, but many more people can now be incited to help via the Internet:

Google: ben santer climate criminal yields many hits, for example, from the “echo chamber”

[spectator.org/blog/2009/12/03/dear-ben-santer-resign](http://spectator.org/blog/2009/12/03/dear-ben-santer-resign)

[www.globalwarming.org/2009/12/03/dear-ben-santer-resign](http://www.globalwarming.org/2009/12/03/dear-ben-santer-resign)

The early days illustrate the use of tactics from the cigarette wars, and of course both **Seitz** and **Singer** had experience in helping tobacco companies. Front groups were created, with a few “experts” willing to generate supportive material. Doubt, uncertainty, and delay were always emphasized. Much of this was directly from the 1954 Hill and Knowlton PR recommendations.

The **A.Santer** campaign was an early example of using personal attacks to generate confusion, harass a specific climate scientist, waste his time, and intimidate people watching the process. Goals included damaging the credibility of climate science in general and the IPCC in particular, because they were producing increasingly awkward and unwanted scientific results.

*If I were a graduate student thinking of working in climate science, or a scientist asked to contribute to the IPCC, and I kept seeing this, I might think twice about it. Attacks that seem like organized defamation are very difficult to counter.*

In recent years, this has been amplified by the rise of the Internet and especially blogs, which can encourage large numbers of people to attack, writing letters, making threatening phone calls, sometimes even with threats of personal violence. Defamation suits can be difficult. Few scientists want to spend their time pursuing them and very few are wealthy enough to do so anyway. Attackees have not always treated such attacks effectively, at first responding as though they were legitimate argument within science. The reader might consider how much they would enjoy having the **WSJ** OpEd section hammering them, backed by a large echo-chamber. *Is there a simple recourse?* Santer and a large group of scientists wrote a letter to **WSJ**, but of course a letter is nowhere near as visible as an OpEd, and the **WSJ** trimmed it anyway. But a week later, it published a **Singer** letter. **Singer**’s website documents the flurry of articles and letters, of

which I included a few in the Chronology.

[www.sepp.org/Archive/contro/ippecont/ipcecont.html](http://www.sepp.org/Archive/contro/ippecont/ipcecont.html)

**1997 Singer** did another round of **Leipzig**.

Tobacco companies are oddly involved in all this, as they've funded many of the same organizations, tagged "T" in the Index and **Table A.6.1**. Some of the same people have been involved. Both **Seitz** and **Singer** have helped tobacco companies in various ways and they were attacking Santer claiming major (but imaginary) deception, with the support of the **WSJ** and other media. **Seitz** is deceased, but **Singer** is still active, and still widely quoted.

**Seitz's GMI** and **Singer's SEPP** are both 501(c)3 tax-exempt organizations...

These happened before the Internet and blogging came to be used to amplify attacks, before think tanks and front organizations sprouted widely, and before the prospect of Kyoto incited a better-financed anti-science campaign with many more participants.. The reader might review this in the context of **Figure. 2.1**.

## 4.2 Summarized Chronology

Key: X entries: s = attacks on Santer; m = attacks on Mann; o = attacks on Oreskes; s = Climategate-based attacks on Santer; m = Climategate-based attacks on Mann; c = General Climategate..

Date	X	Who	Action or Event
1988		Congress	Hansen Testimony to Congress
1989		IPCC	First meeting
1989		GCC	GCC - Global Climate Coalition created
1990		GMI	[GMI1990] published by Jastrow, Nierenberg, Seitz
1992.04.14		Singer, TASSC	Heidel1992, Michael Salomon
1992.06.01		WSJ	Prints version of Heidel1992
1993.05.24		Singer, GMU	SIPP1993 "Scientific Integrity in the Public Policy Process" <a href="http://www.sepp.org/Archive/conferences/conferences/sipp.html">www.sepp.org/Archive/conferences/conferences/sipp.html</a>
1995.06		IPCC	SAR - Second Assessment Report
1995.11.09		Singer	Leipzig Declaration #1
1996.05	s	GCC	A.Santer campaign 1996- now [ORE2010]
1996	s	Singer	<a href="http://www.sepp.org/Archive/contro/ippcccont/ippcccont.html">www.sepp.org/Archive/contro/ippcccont/ippcccont.html</a>
1996.05.22	s	Wamsted Energy Daily	"Doctoring The Documents?" <a href="http://www.sepp.org/Archive/contro/ippcccont/Item04.htm">www.sepp.org/Archive/contro/ippcccont/Item04.htm</a> Just passed GCC commentary along.
1996.06.03		Santer, et al	Reply to above, with many scientist coauthors
1996.06.12	s	Seitz WSJ	WSJ OpEd: "A Major Deception on Global Warming" <a href="http://www.sepp.org/Archive/contro/ippcccont/Item05.htm">www.sepp.org/Archive/contro/ippcccont/Item05.htm</a>
19.06.??	s	Santer et al	Letter to WSJ, trimmed
1996.06.20	s	Singer	Comment on Santer's 1996.06.03 reply <a href="http://www.sepp.org/Archive/contro/ippcccont/Item04.htm">www.sepp.org/Archive/contro/ippcccont/Item04.htm</a>
1996.06.20	s	Singer Wash. Times	"A Heated Debate Over Global Warming" <a href="http://www.sepp.org/Archive/contro/ippcccont/Item09.htm">www.sepp.org/Archive/contro/ippcccont/Item09.htm</a>
1996.07.03	s	Singer	Letter to <i>Science</i> : Changes in the Climate Change Report <a href="http://www.sepp.org/Archive/contro/ippcccont/Item07.htm">www.sepp.org/Archive/contro/ippcccont/Item07.htm</a>
1996.07.11	s	Singer WSJ	WSJ Letter: "Coverup in the Greenhouse" <a href="http://www.sepp.org/Archive/contro/ippcccont/Item05.htm">www.sepp.org/Archive/contro/ippcccont/Item05.htm</a>
1996.07.08	s	Singer WSJ Europe	WSJ OpEd: Dangers from the Global Climate Treaty <a href="http://www.sepp.org/Archive/contro/ippcccont/Item10.htm">www.sepp.org/Archive/contro/ippcccont/Item10.htm</a>
1996.08.01	s	Singer	Letter to <i>Nature</i> : "Climate Debate" <a href="http://www.sepp.org/Archive/contro/ippcccont/natltr.htm">www.sepp.org/Archive/contro/ippcccont/natltr.htm</a>
1997		Singer	Leipzig Declaration #2

## 5 1998-2006 From Kyoto to the Wegman Report (Split in 2 Phases)

### 5.1 1998-2004 American Petroleum Institute and Allies Get New Recruits

**1998** GMI created another petition, **OISM1998**, using the **OISM** as a front. This might well be called “meme-laundering.” It got an update in 2007, its funding remains unclear and it is still quoted.

Far more important was **GCSCCT**, the Global Climate Science Communications Team organized by the American Petroleum Institute (**API**). **A.4.GCSCCT** gives more detail, but the reader should study the actual 9-page document that proposes a professional PR campaign. *Many (not all) tactics appear to have been well-executed over the following years, boosted in 2002 by Luntz into wide political action.*

[www.euronet.nl/users/e\\_wesker/ew@shell/API-prop.html](http://www.euronet.nl/users/e_wesker/ew@shell/API-prop.html)

Following are a few annotated excerpts, emboldening mine. The reader might want to review **Figure 2.1**.

“Potential funding sources were identified as American Petroleum Institute (**API**) and its members; Business Round Table (**BRT**) and its members; Edison Electric Institute (**EI**) and its members; Independent Petroleum Association of America (**IPAA**) and its members; and the National Mining Association (**NMA**) and its members.”  
*Interpretation: this effort was to be funded by Corporations (O1) via their Industry Associations (O5a):*

“Potential fund allocators were identified as the American Legislative Exchange Council (**ALEC**), Committee For A Constructive Tomorrow (**CFACT**), Competitive Enterprise Institute (**CEI**), Frontiers of Freedom (**FoF**) and The Marshall Institute. (**GMI**)”  
*Interpretation: the funds were to flow through various think tanks (O6). **CEI**, **FF**, and **GMI** people were certainly involved, and perhaps **CFACT**. **ALEC** focused on state and local governments, and no obvious connection has surfaced with the events described later.*

“**GCSCCT** members who contributed to the development of the plan are  
John **Adams**, John Adams Associates (large PR firm);  
Candace **Crandall**, Science and Environmental Policy Project (**SEPP**, **Singer**’s wife);  
David **Rothbard**, Committee For A Constructive Tomorrow (**CFACT**);  
Jeffrey **Salmon**, The Marshall Institute (**GMI**);  
Lee **Garrigan**, environmental issues Council;  
Lynn **Bouchey** and Myron **Ebell**, Frontiers of Freedom (**FF**);  
Peter **Cleary**, Americans for Tax Reform (**ATR**);  
Randy **Randol**, **Exxon** Corp.;  
Robert **Gehri**, The Southern Company (a large SouthEast utility, 70% coal);  
Sharon **Kneiss**, Chevron Corp;  
Steve **Milloy**, The Advancement of Sound Science Coalition (**TASSC**);  
and Joseph **Walker**, American Petroleum Institute (**API**).”  
*Opinion: this was an experienced, all-star anti-science team and many of these organizations appear again, or the same people, possibly via different organizations. Some expected to provide funds, and others expected to spend them, one way or another. They have designed a good plan, then must execute.*

“Unless “climate change” becomes a non-issue, meaning that the Kyoto proposal is defeated and there are no further initiatives to thwart the threat of climate change, there may be no moment when we can declare victory for our efforts.”  
*Interpretation: if one thinks of this as a “conspiracy”, it is as yet unfulfilled. Legally, that can matter.*

“Develop and implement a program to inject credible science and scientific accountability into the global climate debate, thereby raising questions about and undercutting the “prevailing scientific wisdom.”  
*Interpretation: Just as did the tobacco people, they knew that scientists or those marketable as such would be more credible, than for example, an **Exxon** lobbyist or professional PR person.*

**“Identify, recruit and train a team of five independent scientists to participate in media outreach. These will be individuals who do not have a long history of visibility and/or participation in the climate change debate. Rather, this team will consist of new faces who will add their voices to those recognized scientists who already are vocal.”**

*Interpretation: this tactic seems very important for understanding later events with McIntyre & McKittrick (M&M). None of the participants were working scientists, hence that term might have been used loosely. This tactic was well-practiced in the tobacco wars. The implementers needed to find new people, help them and promote them to the media. A few years later, Luntz would give the same advice to politicians. Of course, this tactic was used long before in the tobacco wars. See A.3 on “SABS”.*

That would require time, and opportunistic searching, so meanwhile, **Singer** and **GMI** kept writing, and doing petitions, and the **WSJ** gave **Lindzen** an OpEd. The **IPCC** TAR was coming in 2001.

**2001 [GUT2009]**, pp.251-259 covers the back-history of the **M&M** connection, and its context within **Fraser Institute** efforts, “its biggest coup.” DC covered this in more detail in **[DEE2010d]**.

*McKittrick was a good recruit for Ebell -an economist who fought emissions controls, was a fresh voice, and was located elsewhere. Presumably, he was already working on [ESS2002] with Essex, an applied mathematician.*

**Ebell**, by then labeled Competitive Enterprise Institute (**CEI**) or **CHC (Cooler Heads Coalition)** sponsored a **McKittrick** talk for Congress invitees. Also that year, **O’Keefe** replaced **Salmon** at **GMI**, bringing it even closer to the **API** and **ExxonMobil**.

**2002.03.11 Baliunas testified to Congress.**

**2002.03.28 De Freitas** submitted a paper attacking the “hockey stick” graph by Michael Mann, Raymond Bradley, and Malcom Hughes in their “MBH98/MBH99” papers later used in the **IPCC** 2001 report. His paper was reviewed by **Soon & Boehmer-Christiansen**. Within a few weeks, **Soon & Baliunas** submitted via **de Freitas** a paper whose later acceptance eventually resulted in resignations of editors over abuse of the process. See **A.7.de Freitas** for detail. Complaints about this process later showed up in Climategate emails, and were widely misunderstood by people unaware of the history.

**2002.07 Luntz** sent a famous memo to **GWBush**, widely read, including by **Inhofe**. Much of his advice paralleled that of **GCSCT**, but was more precisely targeted at politicians:

“You need to be even more active in recruiting experts who are sympathetic to your view, and much more active in making them part of your message. People are willing to trust scientists, engineers, and other leading research professionals, and less willing to trust politicians. If you wish to challenge the prevailing wisdom about global warming, it is more effective to have professionals making the case than politicians.”

**2002.07.25** House hearing held, including **P.Spencer**.  
[republicans.energycommerce.house.gov/107/hearings/07252002Hearing676/print.htm](http://republicans.energycommerce.house.gov/107/hearings/07252002Hearing676/print.htm)  
 The 6 testifiers included Janetos, Karl, Lashof, **Michaels**, **O’Brien**, **Pielke, Jr** ... in that order.

**2002.09.30 CHC** kept up Congressional briefings, with one by **Lindzen**.

**2002.10.15 McKittrick** became Senior Fellow at **Fraser**.

[ESS2002] was published in late 2002, and promoted to Washington, DC, **A.9.3**, **A.9.5**, and it also included an attack on the hockey stick graphs produced by Michael Mann, Raymond Bradley, and Malcom Hughes, and later used in the IPCC 2001 (TAR) report.

**2003.10 M&M** published their article “MM03” (as per later **WR**) in **E&E**, a journal of very poor reputation, rushed into print by editor **Boehmer-Christiansen**.

**2003.11 Ebell/GMI** brought **M&M** to Washington, DC.

**2003.11.?? M&M** met **Inhofe**.

*This most likely happened around the same time as the GMI/CEI visit.*

**Regalado** wrote later [REG2005] on how **M&M** met and especially on how they came to Washington:

“The two were invited to Washington as a vote neared on a bill to cap fossil-fuel emissions. They met with Sen. James Inhofe, who heads the environment committee and has called the threat of catastrophic global warming the “greatest hoax ever perpetrated on the American people.” The Oklahoma Republican relied on doubts raised by a variety of skeptics in leading successful opposition to the bill in 2003. Mr. McKittrick says he was paid \$1,000 by the Competitive Enterprise Institute, a free-market research and lobbying group, and had his travel costs picked up by another lobby group. Mr. McIntyre, who briefed lobbyists with the National Association of Manufacturers, says he has taken no payment.”

**2003.11.18 M&M** visited **GMI**, talking about tree-rings [GMI2003]. **GMI** paid for **McIntyre’s** trip. **Ebell** introduced them with a *surprisingly prescient* remark (emboldening mine):

“I think this is one of the most interesting ones, because I think we are just at the beginning of what I think will be a major controversy.”

**McIntyre** had already been in contact, as shown by **Singer**:

“Steve McIntyre has been very helpful in sending me a whole bunch of data.” p.27.

**Inhofe** counsel **Hogan**, showed a strong (*unusual for a lawyer?*) interest in tree-ring statistics, p.26-27:

“*Question:* Aloysius Hogan. I have heard questioning of the statistical and methodological practices associated with a number of papers and I would like to get an opinion from you both about the level of statistical and methodological analysis among normal peers. Are the people who are doing the peer review really qualified in those areas as statisticians or they are just educated laymen?”

**2004.03.11 M&M** were listed as “experts” on the **GMI** website, may have started earlier.

As noted in **Figure 2.5**, direct payment is only one of many reasons to do anti-science. Ideology and politics may work, and some are more motivated by ego and attention. The science community naturally ignored **E&E**, especially regarding old 1998/1999 papers, whose results had been generally confirmed, but superseded by improved studies, as often happens.

**McKittrick** had a university affiliation, was well-connected via **Fraser**. *McIntyre did statistics, was (and remains) intensely motivated, and could essentially spend full time on this. This combination fit the desired GCSCT profile fairly well, especially given the difficulty of recruiting real climate scientists. However, during 2004, they were unable to get much traction.* **Harris/APCO** put together a film, “Climate Catastrophe Cancelled,” that included an interview with **M&M** and appeared April 2005. *The time was ripe to try for more visibility, and 2005 would see major intensification.*

Within the IPCC 2001 TAR, the hockey stick analysis was just one among a myriad supporting the overall conclusions, but unlike many, it included a simple, compelling graphic understandable to the public, so it was shown prominently. That attribute made it a clear target.

The strategy evolved to attack the statistics behind the original “MBH98/MBH99” papers, even though long-superseded. If the world had been as warm in the Medieval Warming Period, somehow current global warming would become irrelevant or “natural.” Hence, this was a classic “straw man” argument that also ignored basic physics, but easily created public doubt.

## 5.2 Summarized Chronology

Key: X entries: s: attacks on Santer; m = attacks on Mann; s = Climategate-based attacks on Santer; m = Climategate-based attacks on Mann; c = General Climategate.

Date	X	Who	Action or Event
1998.04		<b>OISM1998</b>	Petition: <b>GMI</b> via <b>OISM</b> ; <b>Seitz, Baliunas, Soon</b>
1998.04		<b>GCSC</b> See A.4.	API memo, very, very important strategy document <a href="http://www.euronet.nl/users/e_wesker/ew@shell/API-prop.html">www.euronet.nl/users/e_wesker/ew@shell/API-prop.html</a> <b>Adams, Bouchey, Cleary, Crandall, Ebell, Garrigan, Gehri, Kneiss, Milloy, Randol, Rothbard, Salmon Walker.</b>
1999		<b>Singer</b>	[ <b>SIN99</b> ], "Hot Talk, Cold Science" help: <b>Seitz, Happer, Lindzen.</b>
2001.05.02		<b>Senate, Lindzen</b>	Lindzen testifies for <b>EPW</b> , basically knocking <b>IPCC</b> . <a href="http://www-eaps.mit.edu/faculty/lindzen/Testimony/Senate2001.pdf">www-eaps.mit.edu/faculty/lindzen/Testimony/Senate2001.pdf</a>
2001.06.11		<b>WSJ, Lindzen</b>	"Scientists' Report Doesn't Support the Kyoto Treaty" <a href="http://eaps.mit.edu/faculty/lindzen/OpEds/LindzenWSJ.pdf">eaps.mit.edu/faculty/lindzen/OpEds/LindzenWSJ.pdf</a>
2001.10.11	m	<b>CHC</b> <b>Ebell, McKittrick</b>	<b>Cooler Heads</b> sponsors <b>McKittrick</b> @ US Congress <a href="http://www.uoguelph.ca/~rmckitri/research/co2briefing.pdf">www.uoguelph.ca/~rmckitri/research/co2briefing.pdf</a>
2002.03.13		<b>Baliunas</b>	Testimony to Congress
2002.03.28	m	<b>de Freitas</b>	[ <b>DEF2002</b> ] submitted, review: <b>Soon &amp; Boehmer-Christiansen</b>
2002.04.11	m	<b>Soon, Baliunas</b>	[ <b>SOO2003</b> ] submitted, review: <b>de Freitas</b>
2002.06.23	m	<b>de Freitas</b>	[ <b>DEF2002</b> ] published, attacks hockey stick
2002.07		<b>Luntz</b>	<b>Luntz</b> sends memo to GW Bush, widely read, including by <b>Inhofe</b>
2002.07.25		<b>P.Spencer</b>	House hearing, see <b>P.Spencer</b> ; includes <b>Michaels, O'Brien</b>
2002.08.14		<b>GMI</b>	<b>GMI2002</b> letter to GW Bush, from scientists
2002.09.30	m	<b>CHC, Lindzen</b>	<b>Cooler Heads</b> sponsored <b>Lindzen</b> Congressional briefing <a href="http://cei.org/gencon/014%2C03199.cfm">cei.org/gencon/014%2C03199.cfm</a>
2002.10.15	m	<b>McKittrick</b>	Named Senior Fellow @ <b>Fraser Institute</b>
2002.11	m	<b>Essex, McKittrick</b>	[ <b>ESS2002</b> ] <i>Taken by Storm</i> Published
2003..01.31	m	<b>Soon, Baliunas</b>	[ <b>SOO2003</b> ], in <i>Climate Research</i> , via <b>de Freitas</b>
2003.02.27	m	<b>CHC, Ebell</b> <b>Essex, McKittrick</b>	<b>Cooler Heads</b> sponsors <b>Essex&amp;McKittrick</b> @ US Senate <a href="http://cei.org/gencon/014,03358.cfm">cei.org/gencon/014,03358.cfm</a>
2003.10.	m	<b>M&amp;M</b>	MM03 in <b>E&amp;E</b>
2003.11.??	m	<b>M&amp;M, Inhofe</b>	<b>M&amp;M</b> meet <b>Inhofe</b> , likely via <b>Ebell</b>
2003.11.18	m	<b>GMI&amp;CEI</b>	<b>Ebell</b> introduces <b>McIntyre</b> to <b>GMI</b> [ <b>GMI2003</b> ] <b>Kueter, Ebell, Jastrow, O'Keefe, Soon, Baliunas, Singer, Michaels, Hogan, others</b>
2004.03.11	m	<b>M&amp;M</b>	Both listed as <b>GMI</b> "experts" - current; may have been earlier <a href="http://web.archive.org/web/*/www.marshall.org/experts.php?id=98">web.archive.org/web/*/www.marshall.org/experts.php?id=98</a> <a href="http://web.archive.org/web/*/www.marshall.org/experts.php?id=100">web.archive.org/web/*/www.marshall.org/experts.php?id=100</a>
2004.12.01	m	<b>GMI, Lindzen</b>	"Climate Alarm - Where Does It Come From", by Lindzen <a href="http://www.marshall.org/article.php?id=264">www.marshall.org/article.php?id=264</a>

### 5.3 2005-2006 Wegman Report: Illusion and later Reality

**2005.01.04 Peiser** started the year with an attack on Naomi Oreskes' 2004 essay in *Science* about the consensus among climate scientists. Although long-refuted as totally incompetent and even withdrawn by Peiser, it is still quoted. **Monckton** mounted a similar attack in 2007, but using his endocrinologist Klaus-Martin Schulte, who turned out not to understand climate research very well [MAS2008], but E&E eventually published it anyway.

**2005.01.27** The **National Post** ran a front-page study featuring **M&M**, and the MM05 paper to be published 2 weeks later in the *Geophysical Research Letters* (GRL), a credible "Letters" journal. As noted in [DEE2010d], this was well-promoted in Canada and the USA, via **National Post** and the **WSJ**.

**2005.02.10** In the **GMI2005** Roundtable, **Inhofe** discussed planning to give speeches attacking the "4 pillars", of which "Mann's discredited report" was one. He had met **M&M** in (November) 2003. *Who else was at that Roundtable?*

**2005.02.12** **M&M** finally got the "MM05" paper into the *Geophysical Research Letters* (GRL), a credible "Letters" journal.

**2005.02.14** **Regalado's** unusual article [REG2005] appeared front page left-hand column of the **WSJ**, a precious spot, not usually occupied by science stories, especially like this.

**2005.02.18** A **WSJ** Editorial appeared: "Hockey Stick on Ice: Politicizing the science of global warming" *Was this all coincidence? Had GMI and its allies ever proved to have good access to the WSJ? Was it more valuable to have an article in the GRL, or on the front page of the WSJ?*

**2005.05.11** At **GMI2005a Roundtable**, **Kueter** and **Ebell** introduced **M&M**, whose talk was: "The Hockey Stick Debate: Lessons in Disclosure and Due Diligence." In the introduction **M&M's** "expert" status at **GMI** and **McKittrick's** Senior Fellow status at **Fraser** were unmentioned. **McKittrick** emphasized how the hockey stick graph's importance to the IPCC TAR, as though it was the one piece of evidence that mattered. *The talk and discussion seem like a blueprint for the later attacks and to some extent the WR, as the social network issue was even suggested.* **McIntyre** talked about auditing. **McKittrick** said their GRL article was peer-reviewed (and in this case, it was), but again, peer-review does not prove correctness or importance. **McIntyre** said "I am not trying to say what did or didn't happen, but as the public, we are entitled to full, true, plain disclosure." He talked about a (positive) consensus about Enron and the collapse of that consensus. *This meeting is filled with memes to be seen later. The post-meeting discussion was likely interesting, and follow-on plans are not visible, but disclosure would indeed be good. But then:*

**2005.06.08** The Bush Administration's **Phil Cooney**, assisted by **Ebell** not long before, was exposed by Andrew Revkin in a New York Times article, as having edited science reports to change their meanings, generating serious negative publicity. He resigned days later, to join **ExxonMobil**. As context, the 2005 Climate Stewardship and Innovation Act (called "McLieberman" by Ebell in A.9.7) was soon to be voted upon: [en.wikipedia.org/wiki/Climate\\_Stewardship\\_Acts](http://en.wikipedia.org/wiki/Climate_Stewardship_Acts)

*At this point I can only speculate in connecting dots:  
Did **Perhach** (in same group as **Cooney**) ask **Ebell** for help? Did **Ebell** have an idea? Did someone else come up with an idea to combat the bad publicity?  
The {**GMI**, **CEI**, **Singer**, **Inhofe**} grouping had cooperated for years, and specifically on **M&M** development, but the effort seemed to shift to **Barton/Whitfield**. Had **Inhofe** had been too outspoken about climate change to be credible? We only know names of a few attendees at the various meetings. Had any of **Barton's** staff attended any of them? Would email logs of 05/11/05-06/24/05 be interesting?*

**2005.06.21** CHC/FreeWork (including **Ebell** and **Fred.Smith**) sent letter to Senate. See CHC.

**2005.06.23** **Barton/Whitfield** signed letters to 5 recipients, faxed that day or the next. **Barton** staffer **Peter Spencer** (**P.Spencer** hereafter) was labeled as the contact, and turned out to be a central participant, although that did not become evident until 2010.

**2005.06.24** **McGinley** created 5 PDF files *from 4:11PM to 4:15PM, and presumably placed them on the House website about that time or a little later (A.9.6).* But **Perhach** received a combined copy from **Ebell** around 5:47PM, about 90 minutes later, *impressive work for late Friday afternoon, unless Ebell had gotten text files even earlier.* The email's blind copy (BCC) format strongly hints that it was sent to other people as well. This was efficient electronic execution, especially compared to faxing letters to people who might well be away on travel.

*How did **Ebell** know? Why were the letters in **Ebell's** hands before recipients were guaranteed to have seen them? Does this sound like a legitimate request, or a PR tactic to put these letters in "friendly" hands before the recipients could possibly take action on them?*

In hunting for this email, I encountered a few others, excerpted in **A.9**. Several showed **Ebell's** relationships with **Cooney** and **Perhach**. Others touted the **McKittrick** and **Essex** talk. **Ebell** used BCC: but **Sills** and **Gorman** exposed long recipient lists. They included an interesting mix of Senate and House staffers, **ExxonMobil**, Peabody Energy, **Singer**, **Ferguson**, and at least some lobbyists. Every new connection generated more, and I did not have time to chase them.

*Would any email logs be of interest? There might be a tight social network there, and one might wonder if any of these people knew anything about the **Barton/Whitfield** effort. At least some of the email senders clearly liked to inform others of relatively minor events. Is it plausible that **Ebell** considered the **Barton/Whitfield** letter a real coup, and was eager to inform people about it?*

The **Barton/Whitfield** letter cited the 02/14/05 **Regalado WSJ** article as having raised concerns, basically by **M&M**. *This is curious in several ways. Did they or their staffers suddenly notice this, 4 months later? Or had **Barton** had it on his desk immediately? **Inhofe** had been on an anti-hockey-stick campaign no later than the 02/10/05 meeting. Would **Barton** not have known about that, given that he and **Inhofe** share petroleum interests and funding, as well as chairing related House and Senate committees? How often do they talk?*

*Conjecture: this seems like classic meme-laundering, in which people used well-established **WSJ** contacts to promote the **M&M** work they had cultivated since 2001, thus allowing **Barton/Whitfield** to later point at **WSJ**, rather than a relatively obscure GRL paper.*

The scientific community pushed back, and for brevity I omit all the back-and-forth. Of course, for some (like **Singer**) being able to say "Federal Investigation" is worth much. But [**DEE2010e**] reminds us:

**2005.07.15** NAS President Ralph Cicerone wrote **Barton**:

[www.geo.umass.edu/climate/cicerone-letter.pdf](http://www.geo.umass.edu/climate/cicerone-letter.pdf)

"A Congressional investigation, based on the authority of the House Commerce Committee is probably not the best way to resolve a scientific issue, and a focus on individual scientists can be intimidating."

"...National Academy of Sciences would be willing to create an independent expert panel (according to our standard rigorous study process) to assess the state of scientific knowledge in this area, or perhaps one of the professional scientific societies could take on this task for you."

This of course is a standard way for Congress to get advice on science. **Barton** was not interested. **Regalado** wrote in [**REG2006**]:

“Larry Neal, deputy staff director for Mr. **Barton**'s committee, said in a statement that because "combating climate change is a breathtakingly expensive prospect," it deserved closer study, and that the academy was "unlikely" to address all of Mr. **Barton**'s concerns.”

**2005.07.17** **Ebell** was quoted in [news.bbc.co.uk/2/hi/science/nature/4693855.stm](http://news.bbc.co.uk/2/hi/science/nature/4693855.stm) [DEE2010e]

“Myron Ebell, of the Competitiveness Enterprise Institute and a prominent global warming sceptic, told BBC News: "We've always wanted to get the science on trial", and "we would like to figure out "a way to get this into a court of law", adding "this could work".

**2005.09.01** **Wegman** was approached by **Coffey** [SAI2007].

*Coffey seems a very curious choice if one is looking for an objective contact, but his web postings display strong conservative views and intense disbelief in climate science. Perhaps those were more desired than advice from the NAS. See A.7.Coffey for details.*

*Who asked Coffey to do this? Was Wegman his idea, or someone else's?*

*Why was this not done in the usual ways science advisory panels are recruited?*

**Wegman** then recruited **Scott** (long-time associate, see A.7.Scott, nothing inherently wrong with that), recent PhD student **Said** and a fourth person, who later dropped out [SAI2007, p.5]. They also recognized help from **Rigsby** and **Reeves**, two more **Wegman** students, although that fact was not immediately obvious from the cited affiliations. The **WR** criticized the (relatively tiny) paleoclimate community for being too tightly connected to do good peer review. It devoted 17 (of 91) pages to social network analysis, not obviously part of their original charter. Senior people in a field know each other and of course they ask colleagues for help, but statistics is a huge field, especially compared to paleoclimatology. The **WR** was only reviewed by this tightly-connected group, none with paleoclimate expertise. See **Whitfield** claims on next page.

*Could Wegman find nobody more independent than 3 of his current or recent students?*

*Is that likely to provide good "peer review"?*

*Who was the fourth person? Would his/her testimony be of interest?*

**2005.11.14-16** The U.S. Climate Change Science Program held a Workshop in Arlington, VA.

[www.climatechange.gov/workshop2005/participants.htm](http://www.climatechange.gov/workshop2005/participants.htm)

Among the large number of participants were **McIntyre** (labeled Northwest Exploration), **P.Spencer**, **Said**, **Singer**, **Wegman**, and also Robert Greco (API), **Herlong** (GMI), **Horne** (CEI/CHC), **Kueter** (GMI), **O'Brien** (who **P.Spencer** would have known from 2002.07.25), **Wojcik**.

As [DEE2010e] notes, we do not know if there was any contact there, but it was a 3-day workshop, and various combinations of these people were long associates.

*Did GMI or CEI pay for McIntyre to attend?*

**2006** Gerald North led a NAS study, *Surface Temperature Reconstructions for the Last 2,000 Years*, 2006.

[www.nap.edu/catalog.php?record\\_id=11676](http://www.nap.edu/catalog.php?record_id=11676)

**2006.03.01** A NAS panel was held in Washington. [DEE2010e] points out a comment by an observer: [climateaudit.org/2006/03/04/one-observers-report-on-the-nas-panel](http://climateaudit.org/2006/03/04/one-observers-report-on-the-nas-panel) :

“First of all, having followed the global warming controversy for the last five years, I was thrilled to meet many of the heavyweight skeptics: Fred **Singer**, Myron **Ebell**, Willie **Soon**, John **Christy**, Steve and Ross (**M&M**). I also enjoyed chatting with various staffers from the hill (Peter **Spencer** – House Energy & Commerce Committee; Paul **Georgia** – Senate Republican Policy Committee; John **Shanahan** – Senate Committee on Environment and Public Works) as well as David Douglas (sic, that's **Douglass**) (Physics professor from U Rochester)... In hind-sight I should have tried to talk to more people, especially the non-skeptics...”

**2006.06.14 Morano** was hired by **Inhofe**.

**2006.07.11** Wegman created the **[WEG2006] PDF**. It was on the Web the next day.  
*Was that made public then? Did the subjects of the report get a chance to see it and respond before this?*

**2006.07.14 [BAR2006]** “Report Raises New Questions About Climate Change Assessments” was issued.

**2006.07.19 and .27** Two House hearings were held. **[MAA2007, p.70]** wrote:

“According to Lauren Morello of the *Environment and Energy Daily*, the hearing was scheduled for a time when the committee knew that Mann could not attend” The E&E Daily website shows 07/24/07 for that article.

**[BAR2006a]** offered numerous interesting comments, of which a small sample were:

“**CHAIRMAN BARTON**. We are about truth...”

**Barton**: “He (**Wegman**) picked some eminent statisticians in his field and they studied this thing.”  
*Scott is distinguished, at least, but **Said, Riggsby**, and **Reeves** hardly seemed eminent.*

**Whitfield**: “Dr. Wegman is Chairman of the National Academy of Sciences Committee on Applied and Theoretical Statistics, and at the committee's request he assembled this ad hoc committee of statisticians..”  
*How did **Coffey** fit into this? Did the committee actually ask **Wegman**, or not?*

“I can tell you right now that his document has been peer reviewed also, and we will get into that later.”  
*Is this a strange definition of peer review? As Mann has noted, Stanford Professor David Ritson found basic errors in the WR calculations that would usually have been caught in peer review (p.13-14) of:*  
[www.meteo.psu.edu/~mann/house06/HouseFollowupQuestionsMann31Aug06.pdf](http://www.meteo.psu.edu/~mann/house06/HouseFollowupQuestionsMann31Aug06.pdf)

*Again, I am forced to speculate. **Barton/Whitfield** needed an “independent, objective” investigation, which would most typically be done by taking up **NAS** on Cicerone’s offer of help. Did they not want to do that? Why? See **Neal** comment.*

*I have not reviewed the (long transcripts) in enough detail to know whether more such statements might be found.*

**2006.07.29 Singer** declared the game over, as in “It’s the end of the Hockey season.”

*The **WR** was fairly clear (p.28):*

“We have been to Michael Mann’s University of Virginia website and downloaded the materials there. Unfortunately, we did not find adequate material to reproduce the MBH98 materials. We have been able to reproduce the results of McIntyre and McKittrick (2005b). While at first the McIntyre code was specific to the file structure of his computer, with his assistance we were able to run the code on our own machines and reproduce and extend some of his results.”

And **[BAR2006a]** says:

“MR. WAXMAN. Did Dr. Wegman ever contact you to talk about your work or ask for any further explanation from you about it?

DR. MANN. No.”

The **WP** got assistance from **McIntyre** to make his code work, and apparently never talked to Mann.

*Does all this fit the ideas of “referee” and “honest broker” mentioned in **[SAI2007]**?*

### 2010.01 Reality strikes back, thanks to “Deep Climate”

Canadian blogger “Deep Climate” (DC) published clear evidence that Bradley’s classic book [BRA199] was not only plagiarized in the **WR**, but was sometimes changed in ways to cast doubt on credibility of tree-ring research. This subject was very important to the whole issue, but the **WP** lacked that expertise, by at least one of the member’s own words. See [DEE2009, DEE2009a, DEE2010, DEE2010a] or just check [DEE2009a, DEE2010a] for side-by-side comparisons. Exactly which combination of people copied and changed Bradley’s text is unclear, but there are 6 obvious people to ask first. DC then unearthed a few more key facts. See A.10 for detailed notes on the purposeful, deceptive plagiarism, inclusion of “grey literature” references, and *generally shoddy scholarship*. DC later found evidence of additional substantial plagiarism in the social network material.

From [SAI2007], excerpted in A.11, much of the **WP**’s input clearly came via **P.Spencer**, **Energy&Commerce** staffer, i.e., **Barton**.

*Is there any chance this sourcing of material might have been less than expert and impartial?*

*Is there some reason the **WP** didn’t think about that?*

*Is there any chance that (either or both) **M&M** helped select any of this material?*

*Is there any chance that **M&M** plagiarized Bradley, modified his text, and supplied it directly, or through **P.Spencer**, to the **WP**?*

*Is there any chance **P.Spencer** and others knew all about this? **Barton** was careful not to have talked to **Wegman**. Does any of this sound like the use of “cut-outs” for plausible deniability?*

*In 2009, **P.Spencer** attended **Heart#2** in NYC. His expenses were paid by **Heartland**, but was his salary paid by taxpayers? In fact, did US taxpayers fund this whole brouhaha?*

Of course, anti-science forces exploited all this strongly en masse, and continue to reference the **WR** to this day and use attacks on the hockey stick and Michael Mann (A.6.2 (a) column **A.Hockey** illustrates the pervasive use of this attack and I am sure to have missed many.) What happened afterwards does not matter much, as they had gotten something that sounded like an “independent, expert panel” to give its verdict. I will not attempt to capture the plethora of references, repeated in the giant “blogosphere echo chamber”. Meanwhile, other attacks continued.

### The tobacco guide to anti-science tactics, p.7

I have avoided delving into the statistical minutiae, *because they really do not matter (A.10.4)*. In fact, the approach used in the **WR** is classic: take an argument into terminology that looks impressive, but that most people cannot possibly follow, but creates doubt and confusion. Review the tobacco tactics guide at end of §1. In essence, every one of them was used, to some extent, either in the **WR** itself, or in the surrounding exploitation.

## 5.4 Summarized Chronology

Date	X	Who	Action or Event
2005		Singer	Leipzig Declaration #3 (2005, revised)
2005.01.04	o	Peiser	Attack on Oreskes 2004 <i>Science</i> article [MAS2008]
2005.02.03		McIntyre	Starts <i>ClimateAudit</i> blog [DEE2010d]
2005.01.27	m	National Post	Front-page article about MM05, only published 2 weeks later
2005.02.10	m	GMI&CEI	GMI2005 Panel; Inhofe mentions "discredited Mann report"
			Inhofe&Wheeler(EPW), Ebell& Horner (CHC), O'Keefe (GMI)
2005.02.12	m	M&M	MM05 Article actually published in GRL, already publicized
2005.02.14	m	Regalado	"Global Warring In Climate Debate, The 'Hockey Stick' leads to a Face-Off"
		WSJ	[REG2005] Front-page, left-column article on McIntyre & Hockey-Stick

2005.02.18	m	<b>WSJ Editorial</b>	"Hockey Stick on Ice: Politicizing the science of global warming"
2005.02.18	m	<b>Singer</b>	Copies two previous WSJ pieces in SEPP newsletter <a href="http://www.sepp.org/Archive/weekwas/2005/Feb.%2019.htm">www.sepp.org/Archive/weekwas/2005/Feb.%2019.htm</a>
2005.03.19	m	<b>Singer</b>	"Requiem for the Hockeystick" <a href="http://www.sepp.org/Archive/weekwas/2005/Mar.%2019.htm">www.sepp.org/Archive/weekwas/2005/Mar.%2019.htm</a>
2005.04	m	<b>Harris, M&amp;M</b>	FoS film "Climate Catastrophe Cancelled, M&M interview
2005.05.11	m	<b>GMI&amp;CEI</b> <b>M&amp;M</b>	<b>[GMI2005a]</b> "The Hockey-Stick Debate: Lessons in Disclosure&Due Diligence" <b>Singer</b> is not named, but was he there? See next.
2005.05.14	m	<b>Singer</b>	"HOCKEYSTICK: defended by Ammann and Wahl" "Too bad the news about A&W arrived just after a presentation by (M-M) on May 11." <a href="http://www.sepp.org/Archive/weekwas/2005/May%2014.htm">www.sepp.org/Archive/weekwas/2005/May%2014.htm</a>
2005.06.08		<b>Cooney</b>	NY Times exposes <b>Cooney</b> role in editing science documents <a href="http://www.nytimes.com/2005/06/08/politics/08climate.html?_r=1&amp;hp&amp;ex=1118289600&amp;e">www.nytimes.com/2005/06/08/politics/08climate.html?_r=1&amp;hp&amp;ex=1118289600&amp;e</a>
2005.06.17	m	<b>McIntyre</b> <b>Financial Post</b>	"Revisiting the 'stick'", item#3 in: <a href="http://www.sepp.org/Archive/weekwas/2005/July%209.htm">www.sepp.org/Archive/weekwas/2005/July%209.htm</a>
2005.06.23	m	<b>Barton</b> <b>Whitfield</b>	Letters to Rajendra Pachauri (IPCC), Arden Bement (NSF), Mann, Bradley, Hughes; references 2005.02.14 WSJ
2005.06.24	m	<b>McGinley</b>	04:11PM-04:15PM <b>McGinley</b> creates letter PDFs
2005.06.24	M	<b>Ebell</b>	05:47PM <b>Ebell</b> sends letters to <b>Perhach</b> ( <i>and others?</i> )
2005.07.09	m	<b>Singer</b>	<b>McIntyre</b> 2005.06.17 note, mentions <b>Barton/Whitfield</b> "... Energy Committee has launched a federal investigation of the "hockey stick" fiasco..." <a href="http://www.sepp.org/Archive/weekwas/2005/July%209.htm">www.sepp.org/Archive/weekwas/2005/July%209.htm</a>
2005.07.15	m	<b>Ralph Cicerone</b>	NAS President wrote to Barton, offering normal help
2005.07.18	m	<b>Ebell</b>	"Politics plays climate 'hockey'", BBC News quotes <b>Ebell</b>
2005.09.01	m	<b>Coffey</b>	<b>Wegman</b> approached by <b>Coffey</b> [ <b>SAI2007</b> ], p.3.
2005.11	m	<b>Michaels, GMI</b>	<b>[MIC2005]</b> published, McKittrick article chapter 2
2005.11.14		<b>Many</b>	US CCSP meeting includes: <b>McIntyre, P. Spencer, Said, Singer, Wegman</b>
2006.01		<b>GMI</b>	<b>Happer</b> succeeds <b>Jastrow</b> as <b>GMI</b> Chairman
2006.02.10	m	<b>WSJ, Regalado</b>	<b>[REG2006]</b> "Academy to Referee Climate-Change Fight"
2006.03.01		<b>NAS Panel</b>	Attendees: <b>M&amp;M, Singer, Ebell, Soon, P.Spencer, Douglass, Christy</b> , etc.
2006.04.12	m	<b>WSJ, Lindzen</b>	OpEd: "Climate of Fear" <a href="http://www.opinionjournal.com/extra/?id=110008220">www.opinionjournal.com/extra/?id=110008220</a>
2006.06.14		<b>Morano</b>	<b>Morano</b> starts work for <b>Inhofe's</b> EPW. <i>Timing coincidence?</i>
2006.07.02		<b>WSJ, Lindzen</b>	"Don't believe the Hype. ... - there's no "consensus" ...." <a href="http://www.opinionjournal.com/extra/?id=110008597">www.opinionjournal.com/extra/?id=110008597</a>
2006.07.11	m	<b>Wegman</b>	Created PDF of [ <b>WEG2006</b> ], up on Web the next day
2006.07.14	m	<b>Barton</b>	<b>[BAR2006]</b> "Report Raises New Questions ..." 2-page announcement
2006.07.19	m	<b>Wegman, etc</b>	First <b>Whitfield, Barton</b> hearing, did not include <b>Mann</b>
2006.07.27	m	<b>Barton, etc</b>	<b>[BAR2006a]</b> Follow-up, transcript of entire testimony including earlier meeting
2006.07.29	m	<b>Singer</b>	"It's the end of the Hockey season." <a href="http://www.sepp.org/Archive/weekwas/2006/July%2029.htm">www.sepp.org/Archive/weekwas/2006/July%2029.htm</a>
2006.09.11		<b>Singer, Stilbs, etc</b>	<b>Stock2006</b> Conference ... all agree: no carbon tax, no worries

## 6 2007-2010 Crescendo to Climategate

### 6.1 2007- 2010 Crescendo, Climategate

With the COP-15 UN Climate Change Conference coming in 2009, the anti-science publicity machine swung into heightened action (**Figure 3.1**), using many of the past techniques and continuing attacks on Mann, Oreskes, and Santer, among others.

**2007.07 Ferguson** (having been at **FF/CSPP**) spun off into his own think tank **SPPI**, then worked with **Monckton** to attack Oreskes again, reusing discredited **Peiser** material and **Monckton**'s endocrinologist Klaus-Martin Schulte. This was finally published in **E&E** by **Boehmer-Christiansen**[**MAS2008**].

**2007.09.07 Said** gave a talk at **GMU** [**SAI2007**], analyzed in some detail in **A.11**. DC had already found the plagiarism and the **P.Spencer** connection, enough to cast serious doubts on any claim of “independence”, but then found this talk. It mentioned additional people, gave more insight into the **WP** worldview and confirmed a strong **P.Spencer** role. His hints helped me find it as well.

*Finally, there was something very odd going on in 2009 with people thinking **Said** would be at Oklahoma State University, including an OSU faculty listing, and a new journal listing her as Professor at OSU. What does all that mean? See **A.7.Said**.*

**Heartland** became increasingly active, *perhaps to leverage its state/local lobbying networks into new markets and take market share of funding from some of the other think tanks, or perhaps get total funding expanded.*

**2008.03.02 Heart#1** conference in NYC was held, with much hoopla.

**2008.04 NIPCC2008** was a large report authored by **Singer** for **Heartland**.

**2009.02.25 Happer**, a distinguished atomic scientist, testified for **Inhofe** about climate science. That might seem an odd choice, but **Happer** was (and still is) Chairman of **GMI**, with which **Inhofe** had long worked closely.

**2009.03.02 Happer**'s Princeton colleague **Austin** talked to **Inhofe**'s EPW Committee, also an odd choice, as **Austin** is a distinguished biophysicist. **Morano** publicized it.

**2009.03.08 Heart#2** conference was held in NYC.

**2009.03.10 Manhat2009** (a continuing petition) was initiated by **Heartland** and **Harris**' **ICSC**.

**2009.03.30 CATO2009**, a full-page advertisement, appeared in major newspapers.

**2009.04 Austin, Happer, Singer**, with **Cohen, Gould**, and **H.Lewis**, started the **APS2009** petition to get the APS (American Physical Society) to change its fairly standard position on climate change, covered in great detail through 11/11/09 in [**MAS2009**]. This gained signatures from about 0.5% of APS members, *as PhD physicists generally know better*, but yielded a bonanza of publicity, letters to Congress, etc. By December, this effort had joined into Climategate.

**2009.07.24 McIntyre** started a FOI blizzard aimed at CRU, asking people to pick 5 countries and ask for the data, claiming academic usage:

[climateaudit.org/2009/07/24/cru-refuses-data-once-again](http://climateaudit.org/2009/07/24/cru-refuses-data-once-again)  
[rabett.blogspot.com/2010/02/amoeba-gets-underfoot.html](http://rabett.blogspot.com/2010/02/amoeba-gets-underfoot.html)

**2009.11** Climategate went public, well-timed before Copenhagen. There is no way to cover all the publicity, attacks, etc, without doubling the size of this document. In any case, it is too early for the dust to have settled. The same old voices and media seen here already have been quite active. See: the A.GATE column of Table 6.2(a) for example. Also see [it-networks.org/?p=222](http://it-networks.org/?p=222)

**2009.11** Many of the usual people, plus many with no connection with Penn State whatsoever, deluged it with demands for investigation of Michael Mann. This especially included the **Commonwealth Foundation** (a Scaife “subsidiary”), whose funding sources match others mentioned here.

**2009.11.24** Penn State initiated a standard, formal investigation, and some people immediately declared that Penn State would “whitewash” Mann. (Disclosure: I am a Penn State graduate. Nevertheless, *I think it is fair to say that Penn State is generally a well-regarded school and takes such matters seriously.*)

**2009.12** The **GWPF** went public in the UK, by **Peiser**, **Lawson** and others, *apparently to capitalize on Climategate. Funding is unknown, as is often the case, but from the Board, one might guess.*

**2009.12.04** The “Austin” group (including **GMI** Chairman **Happer.**, but minus **Singer**) sent an email to various APS members, essentially using Climategate for their efforts, **A.12.3**. *Might that language be considered defamatory?*

**2009.12.20** **Douglass** and **Christy** attacked Santer in “A Climatology Conspiracy,” using Climategate as *a cover for not admitting serious statistical errors in their 2007 paper with **Singer**, who had a long history of attacks on Santer.*

[www.americanthinker.com/2009/12/a\\_climatology\\_conspiracy.html](http://www.americanthinker.com/2009/12/a_climatology_conspiracy.html)

**2010.02.03** Santer replied with an Open Letter (“Response to “A Climatology Conspiracy?””, a highly-professional document that I hope gets wider publicity. Of course, this also illustrates a problem. The attack took little effort, the careful response must have needed much more. See attachment at: [www.desmogblog.com/douglass-and-christy-bad-science-disingenuous-commentary](http://www.desmogblog.com/douglass-and-christy-bad-science-disingenuous-commentary)

**2010.02.03** Penn State published results of its standard investigation, and it is well worth reading their evaluation of an obviously-organized but sometimes incoherent attack. [www.research.psu.edu/orp/Findings\\_Mann\\_Inquiry.pdf](http://www.research.psu.edu/orp/Findings_Mann_Inquiry.pdf)

**2010.02.03** **Inhofe** demanded that NSF investigate Mann, *a quick reaction.* [epw.senate.gov/public/index.cfm?FuseAction=PressRoom.PressReleases&ContentRecord\\_id=95A85493-802A-23AD-4090-BA6C1B31B031](http://epw.senate.gov/public/index.cfm?FuseAction=PressRoom.PressReleases&ContentRecord_id=95A85493-802A-23AD-4090-BA6C1B31B031) That was quickly echoed, as by **Stotts** at **AIA**.

**2010.02.23** **Inhofe**’s team published [INH2010] “United States Senate Report – ‘Consensus’ Exposed: The CRU Controversy.” **Inhofe** names targets, possibly to face DoJ Investigations: Raymond Bradley, Keith Briffa, Timothy Carter, Edward Cook, Malcolm Hughes, Phil Jones, Thomas Karl, Michael Mann, Michael Oppenheimer, Jonathan Overpeck, Benjamin Santer, Gavin Schmidt, Stephen Schneider, Susan Solomon, Peter Stott, Kevin Trenberth, Thomas Wigley. *Some people find a resemblance to an earlier US Senator named Joseph McCarthy.*

In general, one finds a ceaseless pattern of attacks, not aimed at improving science, but at harassing scientists whose science is inconvenient, to the point where people can accomplish little actual work. In other cases, it has incited people to make threats of physical violence or even to the point of death threats: [www.ipsnews.net/news.asp?idnews=50607](http://www.ipsnews.net/news.asp?idnews=50607) Schneider isn’t the only one to get these.

In part, the anti-science machine shown in **Figure 2.1** relies on hordes or Internet-agitated people, of whom some may well have intense views and poor judgment *and seem easily incited to amplify the attacks, by threats and other offensive behavior.*

## 6.2 Summarized Chronology

Date	X	Who	Action or Event
2007.07-	o	<b>Monckton, etc</b>	With <b>Ferguson, SPPI</b> Another Attack on Oreskes [MAS2008]
2007.09.07	m	<b>Said</b>	"Experiences With Congressional Testimony ..." [SAI2007]
2007.12.13		<b>Harris, et al</b>	<b>BALI2007</b> Petition, organized by <b>Harris</b>
2007.12.05	s	<b>Douglass,Christy</b>	<b>Essex, Lindzen, McKittrick, Singer, Wegman, etc</b>
2007.12.14		<b>Singer, GMI</b>	Pearson, <b>Singer</b> ; Online paper, Intl. Journal of Climatology
2008.03.02		<b>Heartland</b>	US National Press Club talk. Claims "Nature rules the climate..."
2008.04	s	<b>Singer, et al</b>	<b>Heart#1</b> Climate Conference, NYC;
2008.1	s	<b>Santer, et al</b>	<b>NIPCC2008</b> , Singer, Heartland; references 2007.12 paper and theme
2009.02.25		<b>Inhofe</b>	Refuted 2007.12.05 paper, showing bad statistics
		<b>Happer</b>	Senate EPW testimony on climate by <b>Happer</b> , Princeton atomic physicist, a seemingly odd choice, but Chairman of <b>GMI</b> .
2009.03.02		<b>Senate EPW</b>	<b>Happer's</b> Princeton colleague <b>Austin</b> , a biophysicist, comments
		<b>Austin</b>	See <b>Austin</b> and <b>Happer</b> in A.7.
2009.03.08		<b>Many</b>	<b>Heart#2</b> Climate Conference, NYC, March 8-10
2009.03.30		<b>CATO</b>	<b>CATO2009</b> Advertisement in major newspapers
2009.04-		<b>Austin, et al</b>	<b>APS2009</b> (American Physical Society) Petition campaign
			<b>Austin, Happer, Singer, Cohen, H. Lewis, Gould</b> organize
2009.06.02		<b>Heartland</b>	<b>Heart#3</b> - Washington DC
2009.06		<b>Singer, Idso</b>	<b>NIPCC2009 report</b> , <b>Singer, C.Idso, Heartland</b>
2009.07.07		<b>Austin, et al</b>	Letter to Congress, <b>A.12.1</b> ; <b>Austin</b> "APS group" + <b>Lindzen</b>
2009.07.24	c	<b>McIntyre</b>	Organized FOI blizzard attack on CRU <a href="http://climateaudit.org/2009/07/24/cru-refuses-data-once-again">climateaudit.org/2009/07/24/cru-refuses-data-once-again</a>
2009.10.29		<b>Austin, et al</b>	Letter to Senate, <b>A.12.2</b> , <b>Austin</b> "APS Group"
2009.11-	c	<b>Many</b>	Climategate <a href="http://it-networks.org/?p=222">it-networks.org/?p=222</a>
2009.11-	m	<b>Many</b>	Letter-writing to Penn State (PSU) about Mann
	m		<b>Commonwealth Foundation</b> and many others
2009.11.24	m		PSU initiates standard, formal investigation of Mann
2009.11.24	c	<b>WSJ</b>	"Global Warming With the Lid Off"
	c		<a href="http://online.wsj.com/article/SB10001424052748704888404574547730924988354.html">online.wsj.com/article/SB10001424052748704888404574547730924988354.html</a>
2009.11.24	c	<b>WSJ</b>	"Climate Science and Candor"
	c		<a href="http://online.wsj.com/article/SB10001424052748704779704574553652849094482.html">online.wsj.com/article/SB10001424052748704779704574553652849094482.html</a>
2009.11.27	c	<b>WSJ</b>	"Rigging a Climate 'Consensus'"
	c		<a href="http://online.wsj.com/article/SB10001424052748703499404574559630382048494.html">online.wsj.com/article/SB10001424052748703499404574559630382048494.html</a>
			<b>HELMER2009</b> , via <b>Roger Helmer</b> ; <b>McKittrick, Singer, Peiser,</b>
2009.11.18		<b>Many</b>	<b>Delingpole</b> <a href="http://www.rogerhelmer.com/conferenceprogramme.asp">www.rogerhelmer.com/conferenceprogramme.asp</a>
2009.11.30		<b>WSJ, Lindzen</b>	"The Climate Science Isn't Settled" <a href="http://online.wsj.com/article/SB10001424052748703939404574567423917025400.html">online.wsj.com/article/SB10001424052748703939404574567423917025400.html</a>
2009.12	c	<b>Peiser, Lawson</b>	<b>GWPF</b> formed in UK, apparently to exploit Climategate
2009.12.04	c	<b>Austin, et al</b>	Email to some set of APS members on Climategate <b>A.12.3</b>
		<b>Douglass,</b>	
2009.12.20	s	<b>Christy</b>	Another (of many) attacks in <b>A.Santer</b> , tied to Climategate <a href="http://www.americanthinker.com/2009/12/a_climatology_conspiracy.html">www.americanthinker.com/2009/12/a_climatology_conspiracy.html</a>
2009.02.03		<b>Santer</b>	Open Letter: Response to "A Climatology Conspiracy?"
2009.02.03			PSU publishes results, essentially clears Mann <a href="http://www.research.psu.edu/orp/Findings_Mann_Inquiry.pdf">www.research.psu.edu/orp/Findings_Mann_Inquiry.pdf</a>
2009.02.23	m	<b>Inhofe</b>	[INH2010] "Consensus Exposed – The CRU Controversy"

## 7 Suggestions

### 7.1 Congress should investigate the manufacture & exploitation of the Wegman Report

Perhaps §5, plus A.9, A.10, and A.11 are sufficient convince people that enough evidence exists to start an investigation. *Unlike others who declare people criminals with no relevant evidence whatsoever, I think that is up to the courts, not me.*

As part of an investigation, perhaps Congress might consider the ability of entities like **GMI** and **SEPP(=Singer)** to be treated as nonprofit 501(c)3 organizations, given the actual activities performed. *If an organization or person wants to be funded to do PR and lobbying for viewpoints of their choice that is fine with me, but I am not sure why they get to be tax-free. In some cases, given the frequent contacts with Congressional members and staffers, it almost seems like an evasion of lobbying rules. Many (about 17) of the organizations most involved are 501(c)3's located within a block of K Street in Washington, DC.*

### 7.2 Congress should consider changes to FOIA laws

*Openness in government is good, as many acts may be hidden that should not be. Even with its flaws and errors, modern science is the best process humans have ever had for actually finding objective truth, even if it takes a while, because:*

- a) Results are published, scrutinized multiple times. Peer-review is just the first hurdle.
- b) Whether mathematical results are simply replicated or not is less important than whether multiple different experiments and analyses end up being reasonably consistent.
- c) Scientists' reputations depend strongly, not on being perfect, but on doing insightful work that generally holds up. Bad mistakes don't help them, nor does work that gets refuted easily, and sooner or later outright fraud tends to be found. Reputation in science depends on publishing, whereas in some other areas (as happened with **Cooney**), reputation depended on information being kept secret, and FOIA helped.

*Most other areas of human endeavor are \*not\* structured like science. Scientists frequently collaborate, and some put extra effort into making data and computer source code widely available, at least to legitimate researchers. I say this from relevant experience across 40 years in computing, having worked with many scientists, and having created software features used by almost everyone who uses computers.*

*With rarities like the old Bell labs gone, almost nobody but government funds basic research in many natural sciences. It is absurd that scientists paid partially by our tax money have their time wasted by harassers self-proclaimed as auditors, when the mechanisms of science already do a pretty good job. Only people who want \*less science\* like that. Of course, some indeed do want less science, starting with tobacco companies, some fossil fuel companies and some family foundations. If our rules must allow any person in another country to simply stop any selected scientist's real work, then we might as well ask the various funders (O1-O2) to specify the science they wish defunded, and defund it soon. It is a waste of money to have some of our best scientists unable to do any real science, and they might as well do something else productive and meanwhile avoid death threats. If we do not think defunding science is a good idea, we need to figure out how to change the laws to preserve value, and stop the harassment.*

These attacks act like "Distributed Denial of Service" ("DDoS") attacks in computer networking, in which multiple agents are induced to attack simultaneously from different directions, to increase the difficulty and expense of defense. Congress needs to understand how these interact with FOIA laws in practice. *Why exactly, does a Canadian mining/petroleum investor (McIntyre) get to stop work by CRU (in UK) or Santer or Mann (in US) and waste much taxpayer money in other countries?*

<http://climateaudit.org/2009/07/24/cru-refuses-data-once-again>  
[www.timesonline.co.uk/tol/news/environment/article7017905.ece](http://www.timesonline.co.uk/tol/news/environment/article7017905.ece)

### 7.3 Congress should consider ways to handle organized, Internet-amplified defamation

*I am all for free speech, but I think this report has mentioned a great deal of disinformation that seems like organized defamation, funded by some wealthy foundations, **ExxonMobil** and others, using think tanks, the Web, the **WSJ** and some other newspapers. I cannot claim to understand the intricacies of US state-based defamation law in the Internet Age, but it does seem like law has not caught up with technology. Few natural scientists are wealthy enough to pursue lawsuits, and generally do not think that way, anyway, as they see it as distraction. The whole giant “echo chamber” spreads “guilty of fraud” far and wide, in some cases leading even to threats of physical violence, including death threats. Offhand, I know of at least 5 scientists subject to such, from my limited sample, so there are likely many more. It is heartbreaking to hear that a climate scientist’s child is fearful in their own home.*

Natural science research is often an investment, not for today, but for people’s grandchildren. *Is it a good idea to let scientists fend for themselves? Should students stop going into science?* The UK Royal Society helped invent modern science. The US founding fathers included at least two who were, among their other accomplishments, fine scientists (Franklin and Jefferson).

*What would they think of the USA & UK turning their backs on science and scientists?*

The Internet has amplified the ability to mobilize attacks, with people willing to say absolutely anything with not the slightest concern for defamation law. Right now, there is effectively no penalty whatsoever for widely-heard people demanding that climate scientists be “drawn and quartered,” that there are “not enough hari kari knives for them” or that they merely be “publicly flogged.”

*Making plausible lawsuits more feasible would probably be less expensive than the current waste of money. Perhaps thoughtful private individuals might contribute, as it is unclear whether or not our institutions are really set up for this. In addition, most scientists do not face such attacks, leaving those under attack feeling rather alone. Some NGOs help with this, as do some lawyers doing pro-bono work, but none are really funded for serious efforts. Maybe it would be possible to set up a private foundation In Defense Of Science, because science and scientists are certainly under attack.*

“First they came for the communists, and I did not speak out—because I was not a communist;  
Then they came for the trade unionists, and I did not speak out—because I was not a trade unionist;  
Then they came for the Jews, and I did not speak out—because I was not a Jew;  
Then they came for me—and there was no one left to speak out for me.” —Martin Niemöller, 1946

## 8 Conclusion – Is there a Climate Conspiracy?

Many people that global warming is a hoax perpetrated by a cabal of scientists. Even some whom might once have done useful science sometimes use the phrase “Climatology Conspiracy.”

[en.wikipedia.org/wiki/Global\\_warming\\_conspiracy\\_theory](http://en.wikipedia.org/wiki/Global_warming_conspiracy_theory)

[www.americanthinker.com/2009/12/a\\_climatology\\_conspiracy.html](http://www.americanthinker.com/2009/12/a_climatology_conspiracy.html)

The current Climategate brouhaha is just one more in a long sequence of such manufactured controversies, usually organized by the some of the same people, at least some of whom get paid for it. Misleading the public about science is apparently not a crime, and it has certainly been powerfully effective.

If the reader has not examined **A.6**, especially **A.6.1(a)** and **A.6.2(a)**, please look now. Those maps show the relationships of key funders to key organizations, and the activities and organizations of key individuals. I am sure that I have missed many, but the reader should decide if these people know each other well, cooperate frequently, and have done so for years, sometimes decades.

*If there exists a “conspiracy” around climate science, I think it is not of climate scientists, but of anti-science forces based on a long-active core group, amplified by a horde of helpers. It has been running for at least 20 years. Many people are named here whose email logs and funding requests would be quite instructive. It is certainly international. This particular sequence is mostly US+CA+UK, and for lack of time, I have only briefly sampled other countries. See Jo Nova (AU) for example, and wonder who funds her brochures. Singer, Monckton, and others quite often speak abroad and cooperate with think tanks abroad. Many think tanks have overlapping sets of advisors, and of course, many share the same small set of major funders.*

It is non-trivial to track all this, because organizations come and go. People move around and often have multiple concurrent affiliations. Funding is *purposefully* obscure. Disinformation memes are generated, disseminated, and repeated endlessly, no matter how silly. But some of the same people appear again and again, even in the information easily available to the public.

Potential legal issues are highlighted in **A.14**. *I think the evidence is pretty strong that the **WR** and its manufacture were designed to mislead the US Congress and the public. The reader will have to evaluate that idea. If an investigation shows that to be true, there may well be some felonies at the heart of web of distributed, overlapping conspiracies, all designed to bypass science to avoid unwanted policies. The whole structure of **Figure 2.1** seems geared to create such efforts, with some coordination and some competition, even when funded by the same sets of people.*

*We need Climate Anti-Science Archives to match the Tobacco Archives. So far, people have been very effective in bypassing science and attacking scientists for doing good jobs, with little effective counter. It is time for that to end, for the sake of people’s grandchildren and the future prosperity of the US and the world. The 21<sup>st</sup> Century is already going to be rough. The choice is not between good and bad, but between bad and worse, with possibilities of much worse.*

If any reader doubts that, I suggest the fine, accessible, well-written USGCRP book *Global Climate Change Impacts in the United States, 2009*, freely available online:

[www.globalchange.gov/publications/reports/scientific-assessments/us-impacts](http://www.globalchange.gov/publications/reports/scientific-assessments/us-impacts)

While the problems vary by region, little of the US escapes expensive damaging problems.

## Acknowledgements; About the Author

“Deep Climate’s diligent sleuthing and posts on Canadian climate anti-science were critical. He found crucial facts and gave some good hints on where to look further. This document would not have happened without his work. I’ve been accumulating information over the last few years, trying to understand the patterns and connections in data I already had. DC’s work suddenly helped make much better sense of existing information, and helped me look in the right places for more.

I thank Naomi Oreskes for her Stanford talks, which first got me interested in **GMI** and to her and Erik Conway for letting me review drafts of their excellent forthcoming book. I thank James Hansen, Stephen Schneider, Chris Field and other IPCC authors and researchers for enlightening talks. Thanks to Stanford for offering frequent public seminars by world-class people. Many other people have helped in various ways, including the *Skeptical Inquirer* folks and members of various other email lists.

I thank the legion of bloggers who have tried to defend climate science and climate scientists, or explain climate, or helped me learn, or helped me otherwise. Following are a few:

A Few Things Ill-Considered (US), BigCityLib Strikes Back(CA), Brave New Climate (AU), Capital Climate (US), Climate Change (US), Climate Progress (US), ClimateSight (CA), Deep Climate (CA), Deltoid (AU), DeSmogBlog (CA) (extra thanks for hosting PDFs), DotEarth (US), Greenfyre’s (US), Grist(US), Harry Clarke (AU), Hot Topic-New Zealand (NZ), jfleck at inkstain (US), Jim Prall (CA), John Quiggin (AU), Jules’ Klimaatblog (BE), maribo (CA), Millard Fillmore’s Bathtub (US), More Grumbine Science (US), Not spaghetti but everything else(US), Only In It For the Gold(US), Open Mind, Rabett Run(US), RealClimate(US), scruffydan.com (CA), Skeptical Science (AU), Stoat(UK), The Green Grok (US), Things Break (US), YouTube – Climate Crock of the Week (US). I’m sure I’ve missed some. I of course follow some anti-science blogs as well. Country affiliations are given, but mean little with the Internet.

This report references masses of data collected over years by many people. The Internet enables much anti-science amplification, but this kind of investigation simply would not be possible without the Internet (and in my case, a big fast laptop driving 3 large displays). I especially recognize those listed under Useful Websites a few pages further. I also thank those who have provided useful tools like Google Scholar, Pipl, WebCite, and many others.

I thank the even bigger legions of scientists working diligently to understand the world better for the benefit of us all. I am lucky to have had decades of interactions with fine scientists in many disciplines, including world-class climate scientists. I am amazed that IPCC authors manage to get any real science through that process, and I wish I had that much patience.

I thank my wife for putting up with me the last few months. I thank several reviewers for good feedback. Any errors here are mine, and I will happily continue to fix errors for possible later Versions.

*I don’t think this story is over yet, and more parts are yet to come.*

### About the Author

The credibility of this report depends on the analysis and references, not on any authority of the author. Still, to save time, since some will start hunting, and to add a few relevant, but not so obvious details, see: [en.wikipedia.org/wiki/John\\_Mashey](http://en.wikipedia.org/wiki/John_Mashey) [scienceblogs.com/deltoid/2008/08/john\\_mashey\\_on\\_how\\_to\\_learn\\_ab.php](http://scienceblogs.com/deltoid/2008/08/john_mashey_on_how_to_learn_ab.php), Part 2

I am proud that I helped create computer software or hardware used by many scientists, including supercomputers used either for climate modeling or petroleum reservoir simulations. Some software features I helped create for UNIX 35 years ago appear in almost every PC, server, and some smart phones. Microprocessors I helped architect have been widely used in the Internet, which is probably a good thing on balance, but human society and laws have not quite caught up with the downsides. May then do so soon.

## Bibliography and Useful Websites

Most references are given in-line, usually via URLs, for on-line convenience, especially if only mentioned once. Following are referenced often, or offer relevant background.

Some are *examples of anti-science* (\*), a few are science or other reasonable sources (+), and the unmarked ones describe anti-science activities.

\*[ALE2009] Ralph B. **Alexander**, *Global Warming False Alarm – The bad science behind the United Nations’ false assertion that man-made CO<sub>2</sub> causes global warming*, 2009, Canterbury Publishing. Much of Chapter 3 (of 8) (pp.19-45) are devoted to hockey stick, claims of corruption at IPCC, etc. See **A.7.Alexander** for more detail. This book quotes outright pseudoscience, *and some might well be considered defamatory*. **Alexander** was a nuclear physicist before going into market analysis.

+ [ARC2007] David Archer, *Global Warming – Understanding the Forecast*, 2007.

This is a basic climate textbook, used for undergraduate non-science majors, with lecture videos available. [geoflop.uchicago.edu/forecast/docs/lectures.html](http://geoflop.uchicago.edu/forecast/docs/lectures.html)

+ [ARC2009] David Archer, *The Long Thaw – How Humans Are Changing the Next 100,000 Years of Earth’s Climate*, 2009.

This is a good starter for a more general audience.

\* [BAR2006] Joe **Barton**, “Report Raises New Questions About Climate Change Assessments,” July 14, 2006, House Energy and Commerce Committee.

[republicans.energycommerce.house.gov/108/home/07142006\\_Wegman\\_fact\\_sheet.pdf](http://republicans.energycommerce.house.gov/108/home/07142006_Wegman_fact_sheet.pdf)

\* [BAR2006a] Joe **Barton**, et al Complete Transcript, 07/19/06, 07/27/06 of Wegman Report, etc [frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109\\_house\\_hearings&docid=f:31362.wais](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109_house_hearings&docid=f:31362.wais)

[BEG2007] Sharon Begley, “The Truth About Denial,” Newsweek, Aug 13, 2007.

[www.newsweek.com/id/32482](http://www.newsweek.com/id/32482)

[BRA199] Raymond S. Bradley, *Paleoclimatology – Reconstructing Climates of the Quaternary, Second Edition*, 1999. *This is a famous, widely-used, heavily-cited book.* [FLE2009] is an easy introduction.

[BRA2007] Allan M. Brandt, *The Cigarette Century- The Rise, Fall, and Deadly Persistence of the Product that Defined America*, 2007.

It is very difficult to understand the history of anti-science organizations, people, and tactics in the USA without understanding the cigarette wars that trained people and think tanks in the methods.

[DEE2009] Deep Climate, “Contrarian scholarship: Revisiting the Wegman Report,” 12/17/09.

[deepclimate.org/2009/12/17/wegman-report-revisited/](http://deepclimate.org/2009/12/17/wegman-report-revisited/)

[DEE2009a] Deep Climate, “Wegman (and Rapp) on tree rings: A divergence problem, part 1”, 12/22/09.

[deepclimate.org/2009/12/22/wegman-and-rapp-on-tree-rings-a-divergence-problem-part-1](http://deepclimate.org/2009/12/22/wegman-and-rapp-on-tree-rings-a-divergence-problem-part-1)

[DEE2009b] Deep Climate, “A Comparison of (WR) 2.1 p.13-4 and (Bradley) section 10.2”, 12/22/09.

[deepclimate.files.wordpress.com/2009/12/wegman-bradley-tree-rings.pdf](http://deepclimate.files.wordpress.com/2009/12/wegman-bradley-tree-rings.pdf)

[DEE2010] Deep Climate, “Wegman (and Rapp) on tree rings: A divergence problem part 2”, 12/06/10.

[deepclimate.org/2010/01/06/wegman-and-rapp-on-proxies-a-divergence-problem-part-2](http://deepclimate.org/2010/01/06/wegman-and-rapp-on-proxies-a-divergence-problem-part-2)

[DEE2010a] Deep Climate, “A comparison of (WR) section 2.1, p14-5 and (Bradley) 5.1,5.2,6.8” 12/06/10.

[deepclimate.files.wordpress.com/2010/01/wegman-bradley-ice-cores-corals1.pdf](http://deepclimate.files.wordpress.com/2010/01/wegman-bradley-ice-cores-corals1.pdf)

[DEE2010b] Deep Climate, “Donald Rapp: More divergence problems”, 12/07/10.

[deepclimate.org/2010/01/07/donald-rapp-more-divergence-problems](http://deepclimate.org/2010/01/07/donald-rapp-more-divergence-problems)

DC analyzes examples of the use of “grey literature, and does make one wonder about Springer-Praxis.

[DEE2010c] Deep Climate, “Willie Soon and Sallie Baliunas... (as quoted by Donald Rapp)”, 12/07/10.

[deepclimate.files.wordpress.com/2010/01/rapp-soon-proxies-quotes.pdf](http://deepclimate.files.wordpress.com/2010/01/rapp-soon-proxies-quotes.pdf)

This has a useful analysis of the use of “grey literature.”

[DEE2010d] Deep Climate, “Steve McIntyre and Ross McKittrick, part 1: In the beginning”, 02/04/10.

[deepclimate.org/2010/02/04/steve-mcintyre-and-ross-mckittrick-part-1-in-the-beginning](http://deepclimate.org/2010/02/04/steve-mcintyre-and-ross-mckittrick-part-1-in-the-beginning)

[DEE2010e] Deep Climate, “Steve McIntyre and Ross McKittrick, part 2: The full story behind the Barton-Whitfield investigation and the Wegman Panel”, 02/08/10.

[deepclimate.org/2010/02/08/steve-mcintyre-and-ross-mckittrick-part-2-barton-wegman](http://deepclimate.org/2010/02/08/steve-mcintyre-and-ross-mckittrick-part-2-barton-wegman)

\*[DEF2002] Chris **de Freitas**, “Are observed changes in the concentration of carbon dioxide in the atmosphere really dangerous?” Bulletin of Canadian Petroleum Geology Vol 50, No 2 (June 2002), P.297-327. Received 03/28/02, Accepted 06/23/02.

[web.archive.org/web/20030526163750/www.cspg.org/deFreitas\\_climate.pdf](http://web.archive.org/web/20030526163750/www.cspg.org/deFreitas_climate.pdf)

The Editor, Canadian geologist brother Tim de Freitas recused himself, so it was reviewed by **Soon** and **Boehmer-Christiansen**. Of 31 pages, about 5 were devoted to attack on the hockey stick, and it contained many “grey literature” references, as from **PRI**, **CSCDGC**, **Michaels’ WCR**. See **de Freitas** for more. Then, 2 weeks later (04/11/02), **Soon** and **Baliunas** submitted [SOO2003] (whose first sponsor was **API**) to **de Freitas**, later published 01/31/03, and eventually leading to von Storch and others’ resignations.

[www.cspg.org/volunteer/files/reports/2002-CSPG-Report-of-Activities.pdf](http://www.cspg.org/volunteer/files/reports/2002-CSPG-Report-of-Activities.pdf)

\*[ESS2002] Christopher **Essex**, Ross **McKittrick**, *Taken by Storm – The troubled science, policy, and politics of global warming*. November 2002. Neither author is a climate scientist, but the book offers plenty of confusion, and many references to science literature later strongly refuted, like **Christy&Spencer** on satellites showing no warming, **D’Aleo**, Zbignew Jaworowski, **S.Idso**, John Daly, **GES**, etc. Chapter 5 of 10 (p.155-174) is “T-Rex plays hockey.” – they were attacking that in 2001-2002.

*This book is a good example of text written using mathematics terminology to confuse the unwary.*

+ [FLE2009] John Fleck, *The Tree Rings’ tale – Understanding Our Changing Climate*, 2009.]

This well-written book by a NM journalist is a nice introduction to tree-rings, readable in high school.

\*[GMI1990] Robert **Jastrow**, William **Nierenberg**, Frederick **Seitz**, *Scientific Perspectives on the GREENHOUSE PROBLEM*, 1990, Copyright George C. Marshall Institute.

\*[GMI2003] George Marshall Institute, Washington Roundtable, **M&M**, “The IPCC, the “Hockey Stick” Curve, and the Illusion of Experience.”, 11/18/03. Key document, **Ebell** introduced **M&M** to **GMI**, interesting people attend, including **Inhofe** counsel **Hogan** asking about tree-ring statistics.

[www.marshall.org/pdf/materials/188.pdf](http://www.marshall.org/pdf/materials/188.pdf)

\*[GMI2005] George Marshall Institute, Marshall News, describing 02/10/05 Roundtable, “U.S. Climate Policy After Kyoto’s Ratification.”, p.1, p.10.11. See **Inhofe**, and **GMI2005** in **A.4**.

[www.marshall.org/pdf/materials/300.pdf](http://www.marshall.org/pdf/materials/300.pdf)

\*[GM12005a] George Marshall Institute, Washington Roundtable, **M&M**, “The Hockey Stick Debate: Lessons in Disclosure and Due Diligence.”, 05/11/05. *Key document: in essence lays out a campaign.*  
[www.marshall.org/pdf/materials/316.pdf](http://www.marshall.org/pdf/materials/316.pdf)  
[web.archive.org/web/20060213060236/www.marshall.org/pdf/materials/316.pdf](http://web.archive.org/web/20060213060236/www.marshall.org/pdf/materials/316.pdf)

[GOO2006] Jeff Goodell, *Big Coal*, 2006  
 Many blame Big Oil for funding all disinformation; look closer at Big Coal.

[GUT2009] Donald Gutstein, *Not a Conspiracy Theory – How Business Propaganda Hijacks Democracy*, 2009. This gives a Canadian viewpoint. See Chapter 7 on **Fraser Institute** and the **National Post**.

\*[HAY2008] Howard C. **Hayden**, *A Primer on CO2 and Climate, Second Edition*, 2008, Vales Lakes Publishing. See **Hayden** in A.7 for more detail. Hockey stick is covered in p.16-19 (of 87). Like [ALE2009], this is another book written by a nuclear physicist, sometimes citing outright pseudo-science.

[HEA2009] Heartland, “Legislator’s Guide to Global Warming Experts,” PDF Created 07/23/09.  
[www.heartland.org/books/PDFs/LegislatorsGuideGW.pdf](http://www.heartland.org/books/PDFs/LegislatorsGuideGW.pdf)  
 This professional 32-page brochure targeted state and local governments, organized by region.

[HOG2009] James Hoggan, with Richard Littlemore, *Climate Cover-Up – The crusade to deny global warming*, 2009.  
 Anyone starting study of climate anti-science might read this first.

[HOR2007] Christopher C. **Horner**, *The Politically Incorrect Guide to Global Warming and Environmentalism*, 2007, Regnery Publishing.  
 Participated in **A.Oreskes**, pp.91-94, also labeling (geoscientist/science history Full Professor) Oreskes as a “history Instructor.”

[INH2010] **EPW Minority Staff, i.e., Inhofe**, *United States Senate Report – ‘Consensus’ Exposed: The CRU Controversy*, 02/23/10, Contact **Dempsey, Lungren**.  
[epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore\\_id=7db3fbd8-f1b4-4fdf-bd15-12b7df1a0b63](http://epw.senate.gov/public/index.cfm?FuseAction=Files.View&FileStore_id=7db3fbd8-f1b4-4fdf-bd15-12b7df1a0b63)

[JAC2008] Peter J. Jacques, Riley Dunlap, Mark Freeman, “The Organization of Denial: Conservative think tanks and environmental skepticism,” *Environmental Politics*, 17, Issue 3 June 2008, pages 349 – 385. This shows strong correlation between Conservative Think tanks and anti-environmental books.  
[www.informaworld.com/smpp/content~db=all~content=a793291693](http://www.informaworld.com/smpp/content~db=all~content=a793291693)  
[ucf.academia.edu/documents/0008/3636/Organization\\_of\\_Denial\\_Jacques\\_Dunlap\\_Freeman\\_EP\\_June\\_2008.pdf](http://ucf.academia.edu/documents/0008/3636/Organization_of_Denial_Jacques_Dunlap_Freeman_EP_June_2008.pdf)

[KLA2008] Michael T. Klare, *Rising Powers, Shrinking Planet – The New Geopolitics of Energy*, 2008.

[LAH2008] Myanna Lahsen, “Experiences of modernity in the greenhouse: A cultural analysis of a physicist “trio” supporting the backlash against global warming”,  
[sciencepolicy.colorado.edu/admin/publication\\_files/resource-2590-2008.05.pdf](http://sciencepolicy.colorado.edu/admin/publication_files/resource-2590-2008.05.pdf)

[MAA2007] Tarek Maassarani, “Redacting the Science of ~~Climate Change~~,” March 2007, Government Accountability Project. p.59-63 is especially relevant, and other pages discuss Cooney.  
[democrats.science.house.gov/Media/File/CommDocs/hearings/2007/oversight/28mar/gap\\_redacting\\_climate\\_sci\\_report\\_07mar.pdf](http://democrats.science.house.gov/Media/File/CommDocs/hearings/2007/oversight/28mar/gap_redacting_climate_sci_report_07mar.pdf) Thanks to [DEE2010e].

[MAS2008] John R. Mashey, “ANOTHER ATTACK ON GLOBAL WARMING’S SCIENTIFIC CONSENSUS”, March 23, 2008

[www.desmogblog.com/skeptics-journal-publishes-plagiarized-paper](http://www.desmogblog.com/skeptics-journal-publishes-plagiarized-paper)

+**[MAS2008a]** John R. Mashey, “How to Learn About Science,” August 17, 2008.  
[scienceblogs.com/deltoid/2008/08/john\\_mashey\\_on\\_how\\_to\\_learn\\_ab.php](http://scienceblogs.com/deltoid/2008/08/john_mashey_on_how_to_learn_ab.php)

**[MAS2009]** John R. Mashey, “Science Bypass - Anti-science Petition to APS from folks with SEPP, George C. Marshall Institute, Heartland, CATO”, November 11, 2009.  
[www.desmogblog.com/another-silly-climate-petition-exposed](http://www.desmogblog.com/another-silly-climate-petition-exposed)

**[McC2003]** Aaron M. McCright, Riley E. Dunlap, “Defeating Kyoto: The Conservative Movement’s Impact on U.S. Climate Change Policy, SOCIAL PROBLEMS, Vol. 50, No. 3, pages 348–373. ISSN: 0037-7791; online ISSN: 1533-8533 © 2003.  
[stephenschneider.stanford.edu/Publications/PDF\\_Papers/McCrightDunlap2003.pdf](http://stephenschneider.stanford.edu/Publications/PDF_Papers/McCrightDunlap2003.pdf)

\***[MIC2005]** Patrick J. **Michaels**, Ed *Shattered Consensus - The true state of global warming*, 2008, Rowman & Littlefield Publishers, Copyright, **GMI**.  
 It includes chapters by **Michaels**, **McKittrick**, **Balling**, **Cervený**, **Christy Legates**, Oliver Frauenfeld, **Davis**, **Baliunas**, **Soon&Posmentier**. The Foreword is by **O’Keefe** and **Kueter** of **GMI**. Chapter 2 (of 10) by **McKittrick**, is “The Mann et al Northern Hemisphere “Hockey Stick” Climate Index: A Tale of Due Diligence” occupies pp.20-49. *That seems related to GMI2005a*, it certainly wasted little time getting into print, and it had the leadoff position.

**[MIC2008]** David Michaels, *Doubt is Their Product – How Industry’s Assault Threatens Your Health*, 2008.

\***[MIC2009]** Patrick J. **Michaels**, Robert **Balling**, Jr, *Climate of Extremes – Global warming science they don’t want you to know*, 2009, **CATO** Institute (“published in cooperation with the George C. Marshall Institute.” **A.Hockey**: **WR** discussion on peer review is used p.200-201, and hockey stick in p.217-219.

**[MIR2008]** Philip Mirowski, “The Rise of the Dedicated Natural Science Think Tank”, 2008, Social Science Research Council, 2008.  
[www.ssrc.org/workspace/images/crm/new\\_publication\\_3/%7Beee91c8f-ac35-de11-afac-001cc477ec70%7D.pdf](http://www.ssrc.org/workspace/images/crm/new_publication_3/%7Beee91c8f-ac35-de11-afac-001cc477ec70%7D.pdf) This useful history of think tanks, groups them in 3 historical waves.  
 “The theoretical impetus behind the rise of the natural science think tanks is the belief that science progresses when everyone can buy the type of science they like, dispensing with whatever the academic disciplines say is mainstream or discredited science.”

**[MOO2005]** Chris Mooney, *The Republican War on Science*, 2005  
 Science finally got noticed by politics in WW II, and from then through the George H. W. Bush administration, science was mostly nonpartisan, but politicization grew, sadly.

**[ORE2007]** Naomi Oreskes, “*American Denial of Global Warming*” video:  
[www.uctv.tv/search-details.aspx?showID=13459](http://www.uctv.tv/search-details.aspx?showID=13459), especially from 26:00 onward.

**[ORE2008]** Naomi Oreskes, Erik Conway, “Challenging Knowledge: How Climate Science Became a Victim of the Cold War”, Chapter 3 in **[PRO2008]**.

**[ORE2008a]** Naomi Oreskes, Erik M. Conway, and Matthew Shindell, *From Chicken Little to Dr. Pangloss: William Nierenberg, Global Warming, and the Social Deconstruction of Scientific Knowledge*, 02/08:  
[www2.lse.ac.uk/CPNSS/projects/CoreResearchProjects/ContingencyDissentInScience/DP/DPOreskesetalChickenLittleOnlinev2.pdf](http://www2.lse.ac.uk/CPNSS/projects/CoreResearchProjects/ContingencyDissentInScience/DP/DPOreskesetalChickenLittleOnlinev2.pdf) This was renamed, so if link broken, check on that website.

[ORE2008b] Naomi Oreskes, *You Can Argue with the Facts*, talk at Stanford 08/09/2008.

[smartenergyshow.com/node/67](http://smartenergyshow.com/node/67)

[smartenergyshow.com/node/67#comment-524](http://smartenergyshow.com/node/67#comment-524) is my synopsis.

See especially the **GES** (~WFA, i.e., coal) video embedded at 30:00, product of a classic market-research effort, sent free to many libraries.

[ORE2010] Naomi Oreskes, Erik Conway, *Merchants of Doubt – How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming*, May 25, 2010.

The long history of **GMI** and **Singer** is explored in meticulous detail.

[www.youtube.com/v/XXyTpY0NCp0](http://www.youtube.com/v/XXyTpY0NCp0) 03/05/10 talk on this at Brown U is a good introduction.

[PRO2008] Robert N. Proctor, Londa Schiebinger, Eds. *Agnotology – The Making and Unmaking of Ignorance*, 2008. See especially Chapter 3: Naomi Oreskes, Eric Conway.

[REG2005] Anthony Regalado, "Global Warring In Climate Debate, The 'Hockey Stick' leads to a Face-Off", WSJ, 02/14/05. See **A.7.Regalado** for discussion of this *unusual* article.

[sharpgary.org/RegaladoWSJ.html](http://sharpgary.org/RegaladoWSJ.html) OR [www.sepp.org/Archive/weekwas/2005/Feb.%2019.htm](http://www.sepp.org/Archive/weekwas/2005/Feb.%2019.htm)

[REG2006] Anthony Regalado, "Academy to Referee Climate-Change Fight," WSJ, 02/10/06.

[online.wsj.com/public/article\\_print/SB113953482702870250-xmUhF6botP4CjKAVMBO61Bv59\\_c\\_20070210.html](http://online.wsj.com/public/article_print/SB113953482702870250-xmUhF6botP4CjKAVMBO61Bv59_c_20070210.html)

[SAI2007] Yasmin H. Said, *Experiences with Congressional Testimony: Statistics and The Hockey Stick*, George Mason University, Data and Statistical Sciences Colloquium Series, Sept 7, 2007.

[www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf](http://www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf) Infinite thanks to DC for this.

[SCH2009] Stephen H. Schneider, *Science as a Contact Sport – Inside the Battle to Save Earth's Climate*, 2009. Dr. Schneider has worked to do climate science research, communicate to the public, and counter anti-science. See especially Chapters 5 and 7, in which he mentions some familiar names and tactics in climate anti-science. Some of this is about science, but more about communication and science policy.

\*[SIN1999] S. Fred **Singer**, *Hot Talk Cold Science – Global warming's unfinished debate*, Revised 2nd Ed, 1999. I originally read this in 2001, at which time the disparity between ground stations and (some) satellite results was still a legitimate scientific argument.

\*[SIN2007] S. Fred **Singer**, Dennis T. **Avery**, *Unstoppable Global Warming every 1,500 years*, 2007.

It is a good exercise to read [SIN1999] first, and see evolution or lack thereof, especially in the light of major revisions to satellite and balloon results that happened between. In the earlier book, global warming was not happening, in the later one, it is inevitable, but natural. Policy advice is constant: no CO2 restrictions.

Much of Chapter 5 (p.55-74) is devoted to **A.Hockey**. A.Santer is found on pp. 63-64.

\*[SOL2008] Lawrence **Solomon**, *The Deniers*, 2008.

This collected a series of articles in the **National Post** (Canada).

[www.desmogblog.com/the-deniers-the-world-renowned-scientists-who-dont-actually-deny-global-warming](http://www.desmogblog.com/the-deniers-the-world-renowned-scientists-who-dont-actually-deny-global-warming)

**Wegman** is included, but inclusion is by Solomon's declaration, and some have vigorously objected, as Roger Revelle certainly would have, were he alive. However, the previously-hidden background of the

**WR**, and **Wegman**'s inclusion on **BALI2007** are certainly consistent. Chapter 2 of 14 (p.9-22), "The Case of the Disappearing Hockey Stick" gives it the most prominent place.

\*[**SOO2003**] Willie Soon, Sallie Baliunas, "Proxy climatic and environmental changes of the past 1000 years," *Climate Research* Vol. 23:89-110, 2003. Submitted: 04/11/02; Accepted: 08/29/02; Published 01/31/03. See **De Freitas**: this (poor) paper eventually resulted in mass resignations, because the publisher would not let Editor-in-Chief von Storch repudiate it. See [**DEF2002**]. First sponsor was **API**: "Acknowledgements. This work was supported by funds from the American Petroleum Institute (01-0000-4579) (and others)... We thank John Daly, ..., Craig and Keith **Idso** for their unselfish contributions to the references. "

\*[**SPE2008**] Roy W. **Spencer**, *Climate Confusion – How GLOBAL WARMING hysteria leads to bad science, pandering politicians, and misguided policies that hurt the poor*, 2008. Encounter Books: [www.encounterbooks.com](http://www.encounterbooks.com). It also features Spencer's *The Bad Science and Bad Policy of Obama's Global Warming Agenda*. It has a mild form of **A.Oreskes**, p.44.

+ [**TUK1977**] John Tukey, *Exploratory Data Analysis*, 1977.

Tukey was one of the world's greatest statisticians, affiliated with Princeton and Bell Labs, a place that used statistics extensively. He strongly advocated balancing well-known confirmatory statistics with exploratory data analysis, on which much science really depends. See **A.10.4** for relevance here.

[**UCS2007**] Union of Concerned Scientists, *Smoke, Mirrors & Hot Air – How ExxonMobil Uses Big Tobacco's Tactics to Manufacture Uncertainty on Climate Science*, 2007. [www.ucsusa.org/assets/documents/global\\_warming/exxon\\_report.pdf](http://www.ucsusa.org/assets/documents/global_warming/exxon_report.pdf)

[**WAG2006**] Wendy Wagner, Rena Steinzor, eds *Rescuing Science from Politics – Regulation and the Distortion of Scientific Research*, 2006. (F).

\*[**WEG2006**] Edward J. Wegman, David W. Scott, Yasmin H. Said, *AD HOC COMMITTEE REPORT ON THE 'HOCKEY STICK' GLOBAL CLIMATE RECONSTRUCTION*, 07/14/2006. [republicans.energycommerce.house.gov/108/home/07142006\\_Wegman\\_Report.pdf](http://republicans.energycommerce.house.gov/108/home/07142006_Wegman_Report.pdf)  
This is often just called the Wegman Report (**WR**) here.

+ [**YAL2009**] Yale University & George Mason University, *GLOBAL WARMING's SIX AMERICAS 2009: An Audience Segmentation Analysis*, 2009. [envirocenter.research.yale.edu/uploads/climatechange-6americas62309.pdf](http://envirocenter.research.yale.edu/uploads/climatechange-6americas62309.pdf)  
This useful document helps calibrate various worldviews.

## Useful Websites

Many of these are funded by donations.

**[ExxonSecrets]** (Greenpeace)

[www.exxonsecrets.org](http://www.exxonsecrets.org)

**[Legistorm]**

[www.legistorm.com/](http://www.legistorm.com/)

[www.legistorm.com/salaries.html](http://www.legistorm.com/salaries.html) A good way to track down staffers and for whom, they worked

**[MMAN]** Media Matters Action Network, *Transparency*

[mediamattersaction.org/transparency](http://mediamattersaction.org/transparency)

This site usefully organizes masses of data from foundation “990” forms, so that the reader can navigate among people, funders and recipients of funds from foundations. Having spent some time rummaging in 990 forms, I can attest that this site required vast amounts of hard work.

**[NEWSMEAT]**

[www.newsmeat.com](http://www.newsmeat.com)

This is a good search engine for political donations, despite the somewhat non-intuitive name.

**[NRDC]** Natural Resources Defense Council

[www.nrdc.org](http://www.nrdc.org) Has some useful FOIA files.

**[OpenSecrets]**

[www.opensecrets.org/lobbyists](http://www.opensecrets.org/lobbyists) Good search engine for lobbying data in US.

**[Source Watch]** Source Watch

[www.sourcewatch.org](http://www.sourcewatch.org)

This is a complex, but extremely useful Wiki for finding starting points and references on organizations, probably the most single valuable resource I used. More of those names could have shown up here, but there was only so much time. I’m sure email lists often include many others.

[www.sourcewatch.org/index.php?title=Global\\_warming\\_skeptic](http://www.sourcewatch.org/index.php?title=Global_warming_skeptic) is a good starting point.

**[Tobacco Archives]** Several portals exist, including the following:

[legacy.library.ucsf.edu](http://legacy.library.ucsf.edu)

This is a fascinating resource, and various organizations get mentioned there as well as in this report.

**[Wayback]** Internet Archive Wayback Machine

[www.archive.org/index.php](http://www.archive.org/index.php)

This is invaluable for backtracking histories for some webpages, if archived.

**[990 Finder]** Foundation Center

[foundationcenter.org/findfunders/990finder](http://foundationcenter.org/findfunders/990finder)

This gives all data, but it does not summarize it, and some research requires plowing through many pages.

## A.1 Glossary of Acronyms

Abbreviations are used here for brevity and consistency with common usage. I have visited (at least) **ANL**, **FermiLab**, **LLNL**, **ORNL**, and **SLAC**, and have met with researchers from **LANL**, **LBNL**, **PNNL**, **Sandia**, **ARL**, and others. *These labs employ many excellent scientists.*

### **DOE – Department of Energy**

[www.energy.gov/](http://www.energy.gov/)

**DOE** has many laboratories, usually managed by various combinations of universities or private companies under contract to DOE. Some labs grew from WW II & Cold War nuclear weapons, but emphasis has shifted progressively over the last 3-4 decades to other areas.

### **ANL+ – Argonne National Laboratory, Argonne, IL (near Chicago)**

[www.anl.gov/](http://www.anl.gov/), Managed by U Chicago.

Nuclear work focused on reactors, not involved much with weapons.

### **FermiLab – FermiLab, Batavia, IL (near Chicago)**

[www.fnal.gov/](http://www.fnal.gov/)

Managed by Fermi Research Alliance {U of Chicago, University Research Association (URA)}.

High energy, particle physics.

### **Hanford – Hanford Reservation, WA, DOE**

[www.fnal.gov/](http://www.fnal.gov/), Was (is?) managed by Westinghouse Hanford Corp.

Major nuclear production (& now cleanup) site, produced plutonium for most US weapons.

PNNL is located nearby, was split off decades ago.

### **JLab – Thomas Jefferson National Accelerator Facility (Jefferson Lab), Newport News, VA**

[www.jlab.org](http://www.jlab.org)

Managed by JSA {Southeastern Universities Research Association, Computer Sciences Corp}.

Studies nuclear physics, particle physics, Continuous Beam Electron Facility (CEBAF).

### **LANL – Los Alamos National Laboratory, Los Alamos, New Mexico**

[www.lanl.gov](http://www.lanl.gov)

Managed by LANS {Bechtel, U of CA, Babcock and Wilcox, Washington Group International}.

Historically, the primary nuclear weapons lab in USA, but does research in other areas, including plasmas, fusion, and lately, more people in environment, climate modeling and other areas.

### **LBNL – Lawrence Berkeley Laboratory, Berkeley, CA**

[www.lbl.gov](http://www.lbl.gov), Managed by U of CA.

Research in physics, life sciences, and energy efficiency research, recently led by Steven Chu.

### **LLNL – Lawrence Livermore National Lab, Livermore, CA**

<https://www.llnl.gov/>

Managed by LLNS {Bechtel, U of CA, Babcock and Wilcox, Washington Division of URS Corporation, and Battelle}..

Historically, was major (after **LANL**) nuclear weapons lab in USA, but does research in many other areas, especially fusion (the National Ignition Facility (NIF) and other areas.

### **ORNL – Oak Ridge National Laboratory, Oak Ridge, TN**

[www.ornl.gov/](http://www.ornl.gov/), Managed by U of TN and Battelle.

Part of Manhattan Project during WW II, then shifted more to reactors, other science areas.

**PNNL – Pacific Northwest National Laboratory, Richland, WA**

[www.pnl.gov/](http://www.pnl.gov/) Note PNL in domain name, not PNNL. Managed by Battelle.

Historically, involved with the Hanford nuclear weapons site nearby.

**Sandia– Sandia National Laboratories (SNL), Albuquerque, NM and Livermore, CA**

[www.sandia.gov/](http://www.sandia.gov/), Lately, Sandia is a Lockheed-Martin company

Major sites are in Livermore, CA, adjacent to LLNL, and at Kirtland AFB in Albuquerque.

**SLAC – SLAC Linear Accelerator Laboratory, Menlo Park, CA**

[www.slac.stanford.edu/](http://www.slac.stanford.edu/), Managed by Stanford U.

**Miscellaneous****APS – American Physical Society**

[www.aps.org](http://www.aps.org)

APS is a large physics organization, but most members are not climate scientists. See **APS2009**.

**EPRI – Electric Power Research Institute**

**Starr** founded this nonprofit research organization for the electric power industry. (I live a few miles from its Palo Alto site, have known people who worked there, and I think they do good work. I see them at Stanford GCEP symposia.) Historically, it may once have been focused primarily on nuclear power, and it appears to pursue “Clean coal”, a topic about which people have mixed feelings, but it does substantial research on renewable energy issues as well.

[en.wikipedia.org/wiki/Electric\\_Power\\_Research\\_Institute](http://en.wikipedia.org/wiki/Electric_Power_Research_Institute)

[www.sourcewatch.org/index.php?title=Electric\\_Power\\_Research\\_Institute](http://www.sourcewatch.org/index.php?title=Electric_Power_Research_Institute)

**IPCC – Intergovernmental Panel on Climate Change**

[www.IPCC.ch](http://www.IPCC.ch)

**IPCC TAR** is the Third Assessment Report (2001). **IPCC AR4** is the Fourth Assessment Report (2007), available online. Serious readers may find it helpful to buy the books as well, as they are huge reports. Scientists who contribute to **IPCC** reports are not employed by the UN, but generally have to get funding elsewhere for most of these activities. I.e., this is generally unpaid volunteer work. The **IPCC** reports are “political” only in the sense that after the scientific reports are created, the Summary for Policymakers (SPM) is hammered out line-by-line, having to be unanimously approved by all governments. *This frustrating process inherently tends to weaken conclusions, not exaggerate them.* **IPCC** authors have discussed this in some detail, somewhat amazed that anything gets out. See [SCH2009], Chapter 5, which certainly matches descriptions in discussions I’ve had with other **IPCC** authors.

**JASON**

This group originally started around 1958 as a group of physicists that advised the US Government, managed via MITRE, as a part-time unit of the Institute for Defense Analysis (IDA). **JASON** is mentioned here only because members of the group would generally know each other well. **Dyson**, **Happer**, **H.Lewis**, are/were **JASON**s, as was **Nierenberg**.

[www.bookrags.com/wiki/jason\\_Defense\\_Advisory\\_Group](http://www.bookrags.com/wiki/jason_Defense_Advisory_Group)

[http://www.isgp.eu/organisations/JASON\\_Group.htm](http://www.isgp.eu/organisations/JASON_Group.htm)

<http://www.fas.org/irp/agency/dod/jason/>

**NAS, PNAS – (US) National Academy of Sciences, Proceedings of the NAS.**

[www.nationalacademies.org](http://www.nationalacademies.org) This is a very prestigious organization, to which very few are elected.

Membership does not confer automatic credibility outside one’s own disciplines, of course.

## A.2 Funders

This lists some funders of organizations involved with anti-science. **Tables A.6.1 (a-c)** map these Funders (and others) X Organizations of **A.3**. Gutstein [GUT2009], Chapters 3-5 discusses these.

### A.2.1 Corporations (O1)

#### ExxonMobil

[www.sourcewatch.org/index.php?title=Earhart\\_Foundation](http://www.sourcewatch.org/index.php?title=Earhart_Foundation)

[mediamattersaction.org/transparency/organization/Exxon\\_Mobil\\_Corporation](http://mediamattersaction.org/transparency/organization/Exxon_Mobil_Corporation)

[mediamattersaction.org/transparency/organization/Exxon\\_Mobil\\_Corporation/grants](http://mediamattersaction.org/transparency/organization/Exxon_Mobil_Corporation/grants)

Corporate funding is large, but much more likely goes through lobbyists. Other companies may well fund anti-science activities, *but ExxonMobil's footprint seems much larger*, and its use of foundation funding caused those donations to be reported, unlike direct corporate or trade associations funding such as **API**. Following is the recent chronology of visible ExxonMobil funding, vertically in same order as in **A.6.1**. *Opinion: these are miniscule amounts for ExxonMobil, but are very cost-effective. To some extent, this is puzzling, as humanity will consume all the oil and gas it can, whereas coal more problematic.*

**Table A.2.1 ExxonMobil and Foundation Funding by Year [MMAN]**

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
CEI				280	405	465	270	270				1690
Fraser						60	60					120
GMI				60		95	170	115	85	115		640
SEPP												20?
CFACT				35	35	72	125	90	70	40	15	482
FF/CSPP				40	232	195	250	140	180	90		1127
Heartland				90	15	93	100	119	115			532
SPPI *2												?
TASSC				10	10	10	10					40
ALEC				80	193	290	222	242	86	31	56	1200
FreeWorks				275								275
Heritage				65	75	95	30	30	40	50		385
NCPA				40	30	75	75	75	75	75	75	520
PRI				20	45	45	100	95	75	85	75	540
TII				5	10	10		30		15		70
ACCF(CPR)				250	300	145	155	360	15	15	15	1255
ACSH				25	10	25	15	25		25	15	140
AEI				230	255	230	230	240	240	240	245	1910
AnnapCtr				63	120	103	75	30	105	105	105	705
Atlas				150	50	190	75	100	100	100	103	868
CATO				20	30	25	15		20			110
CSCDGC						40		25	10			75
ELC								50				50
GMU				20	20	20	40	30	30	40	30	230
Hoover				40	20	30		20				110
Hudson								10				10
Manhat				65	65	25			30	30	50	265
Mercatus							40	40	40	40	40	200
NCPPR				15	45	55	55	55	55	55	55	390
PLF				20	15	15	15	15	15	15	15	125
Reason				25	50	10		20				105
TCS						95						95
WLF				30	30	30	30	30	30	30	40	250
Totals				1953	2060	2542	2157	2256	1416	1196	934	14512

**Table A.2.2 ExxonMobil and Foundation Chronological Funding for Some Think Tanks**

The following uses some A.3 tables to illustrate different funding patterns. Nonprofit revenues are public, but no sources except foundations. For the non-grey sections, the unknown funding ranges from 36% (**GMI**) to 87% (**Heartland**). The latter has grown very well in the last few years, with a large expansion of its climate anti-science efforts, including substantial conference events.

Annapolis Center Funding Table A.3.AnnapCtr.1 [MMAN]

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
Exxon-MMAN				63	120	103	75	30	105	105		538
Foundations												0
Unknown					495	568	550	492	420	276		2801
Revenue					615	670	625	522	525	381		3338
ExxonMobil-%					20%	15%	12%	6%	20%	28%		16%
Foundations %					0%	0%	0%	0%	0%	0%		0%
Unknown %					80%	85%	88%	94%	80%	72%		84%

CEI Funding Table A.3.CEI.1 [MMAN]

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
Exxon-MMAN				280	405	465	270	270				1690
Foundations	459	441	430	432	319	290	616	749	446	520		4184
Unknown	1072	2309	2748	2244	2351	2165	2351	2723	3204	520		21164
Revenue	1531	2749	3178	2956	3075	2920	3237	3742	3650			27038
ExxonMobil-%	0%	0%	0%	9%	13%	16%	8%	7%	0%			6%
Foundations %	30%	16%	14%	15%	10%	10%	19%	20%	12%			15%
Unknown %	70%	84%	86%	76%	76%	74%	73%	73%	88%			78%

CFACT Funding Table A.3.CFACT. 1 [MMAN] 1

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
Exxon-MMAN				35	35	72	125	90	70	40		432
Foundations	50	50	100	125	200	150	80	160	180	300		1070
Unknown					96	157	123	322	417	604		1719
Revenue					331	379	328	572	667	944	1498	3221
ExxonMobil-%					11%	19%	38%	16%	10%	4%		13%
Foundations %					60%	40%	24%	28%	27%	32%		33%
Unknown %					29%	41%	38%	56%	63%	64%		53%

GMI Funding Table A.3.GMI.3 [MMAN]

Salmon (to DOE)					O'Keefe (ex-API)							
\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
Exxon-MMAN				60		95	170	115	85	115		640
Foundations	320	345	345	410	360	295	360	485	380	420		3720
Unknown	139	155	333	168	233	294	234	201	499	202	834	2458
Max Revenue	459	500	678	638	593	684	764	801	964	737	834	6818
ExxonMobil-%	0%	0%	0%	9%	0%	14%	22%	14%	9%	16%	0%	9%
Foundations %	70%	69%	51%	64%	61%	43%	47%	61%	39%	57%	0%	55%
Unknown %	30%	31%	49%	26%	39%	43%	31%	25%	52%	27%	100%	36%

Heartland Funding Table A.3.Heartland.1 [MMAN]

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
Exxon-MMAN						93	100	119	115	0		427
Foundations	204	109	411	290	512	441	411	174	180	119		1835
Unknown					1042	1268	1505	4229	2452	5099	7783	15594
Revenue					1553	1801	2016	4521	2747	5217	7783	17855
ExxonMobil-%					0%	5%	5%	3%	4%	0%	0%	2%
Foundations %					33%	24%	20%	4%	7%	2%	0%	10%
Unknown %					67%	70%	75%	94%	89%	98%	100%	87%

### A.2.2 Foundations (O2)

The 990finder gives the details of foundation funding, but following summarizes that data well:  
[mediamattersaction.org/transparency/?137](http://mediamattersaction.org/transparency/?137)

#### **Allegheny Foundation**

[www.scaife.com/alleghen.html](http://www.scaife.com/alleghen.html) Richard Mellon Scaife is Chairman, see **SSF** below.

#### **Carthage Foundation**

[www.scaife.com/carthage.html](http://www.scaife.com/carthage.html) Richard Mellon Scaife is Chairman, see **SSF** below.

#### **Earhart Foundation** (White Star Oil money, originally)

[www.sourcewatch.org/index.php?title=Earhart\\_Foundation](http://www.sourcewatch.org/index.php?title=Earhart_Foundation)

[en.wikipedia.org/wiki/Earhart\\_Foundation](http://en.wikipedia.org/wiki/Earhart_Foundation)

[foundationcenter.org/findfunders/990finder/](http://foundationcenter.org/findfunders/990finder/): “Earhart Foundation” MI

In 2001, **GMI** had an “H.B. Earhart Fellow Logan Wright” on staff.

#### **John M. Olin Foundation** (Olin chemical & munitions) ceased operation in 2005.

[www.sourcewatch.org/index.php?title=John\\_M.\\_Olin\\_Foundation](http://www.sourcewatch.org/index.php?title=John_M._Olin_Foundation)

[en.wikipedia.org/wiki/John\\_M.\\_Olin\\_Foundation](http://en.wikipedia.org/wiki/John_M._Olin_Foundation)

[foundationcenter.org/findfunders/990finder](http://foundationcenter.org/findfunders/990finder) “Olin Foundation” NY (just the John M. Olin ones)

#### **Koch Foundations**

**(Charles G. Koch, David H. Koch, Charles R. Lambe Foundations)**

[www.sourcewatch.org/index.php?title=Koch\\_Family\\_Foundations](http://www.sourcewatch.org/index.php?title=Koch_Family_Foundations)

[mediamattersaction.org/transparency/organization/Charles\\_G\\_Koch\\_Charitable\\_Foundation](http://mediamattersaction.org/transparency/organization/Charles_G_Koch_Charitable_Foundation)

[mediamattersaction.org/transparency/organization/David\\_H\\_Koch\\_Charitable\\_Foundation](http://mediamattersaction.org/transparency/organization/David_H_Koch_Charitable_Foundation)

[mediamattersaction.org/transparency/organization/Claude\\_R\\_Lambe\\_Charitable\\_Foundation](http://mediamattersaction.org/transparency/organization/Claude_R_Lambe_Charitable_Foundation)

Koch (Oil & Gas) is the “nation’s largest privately held energy company”.

(Father) Fred G. Koch was a founding member of the John Birch Society in 1958.

(Son) David and was co-founder of **CATO** Institute and provides substantial funding.

(Son) Charles is also active. Together they have funded many organizations. The reader is advised to use that MediaMatters site, because the original 990 forms are huge.

[Fred C. & Mary R. Koch Foundation](#) has made a few relevant donations, not many.

**GMI** had (as of 03/08/09) a “Koch Foundation Associate, Rachel Schwartz” on staff.

#### **Lynde and Harry Bradley Foundation** (Allen-Bradley)

[www.sourcewatch.org/index.php?title=Lynde\\_and\\_Harry\\_Bradley\\_Foundation](http://www.sourcewatch.org/index.php?title=Lynde_and_Harry_Bradley_Foundation)

[en.wikipedia.org/wiki/Bradley\\_Foundation](http://en.wikipedia.org/wiki/Bradley_Foundation)

[foundationcenter.org/findfunders/990finder](http://foundationcenter.org/findfunders/990finder) “Bradley Foundation” WI

#### **Scaife Family Foundation**

[www.scaifefamily.org](http://www.scaifefamily.org) This is located in Florida, not run by Richard Mellon Scaife, and in recent years has not seemed to fund the same organizations as the other Scaife-related foundations, although it did earlier.

#### **SSF -Sarah Scaife Foundation**

Richard Mellon Scaife: (Gulf Oil => Chevron) is Chairman of **SSF**, **Allegheny**, and **Carthage**.

[www.scaife.com](http://www.scaife.com)

[www.sourcewatch.org/index.php?title=Scaife\\_Foundations](http://www.sourcewatch.org/index.php?title=Scaife_Foundations)

[en.wikipedia.org/wiki/Gulf\\_Oil](http://en.wikipedia.org/wiki/Gulf_Oil)

[foundationcenter.org/findfunders/990finder](http://foundationcenter.org/findfunders/990finder) “Scaife Foundation” PA

[mediamattersaction.org/transparency/organization/Sarah\\_Scaife\\_Foundation/grants](http://mediamattersaction.org/transparency/organization/Sarah_Scaife_Foundation/grants)

SSF has funded numerous relevant entities with opinions on climate change and other science issues.

See also **Comwlth (Commonwealth Foundation)**, which despite the name, acts much more like a visible advocacy organization, essentially a Pennsylvania-local subsidiary, its Chairman a member of the **SSF** Board.

The assets of **SSF** and **Carthage** are interesting, via their 990 Forms. Of course, Richard Mellon Scaife has a much larger personal fortune, whose investment profile I do not know.

[dynamodata.fdncenter.org/990pf\\_pdf\\_archive/251/251113452/251113452\\_200812\\_990PF.pdf](http://dynamodata.fdncenter.org/990pf_pdf_archive/251/251113452/251113452_200812_990PF.pdf)

Scaife 2008, pp.27-28 lists \$160M of common stock, in \$Millions:

\$18.0 ExxonMobil

\$ 2.2 Chevron (Gulf Oil → Chevron, eventually)

\$ 1.5 Diamond Offshore Drilling

\$ 1.1 Schlumberger

**\$23.8 Obvious Oil-related**

\$13.4 Philip Morris International (spinoff from Altria)

\$ 4.6 Altria \$18.0M Total ... and smart mix, since cigarettes expanding internationally...

**\$18.0 Obvious tobacco total**

Power generation & utilities

\$3.1 FPL (Florida Power & Light (claims green, I haven't checked)

\$2.3 Wisconsin Energy

\$1.7 Entergy, [www.nola.com/business/index.ssf/2009/05/entergy\\_ceo\\_says\\_coal\\_is\\_the\\_a.html](http://www.nola.com/business/index.ssf/2009/05/entergy_ceo_says_coal_is_the_a.html)

\$1.1 National Rural Utilities (Bonds)

\$1.0 South Carolina Electric and Gas (Bonds)

[dynamodata.fdncenter.org/990pf\\_pdf\\_archive/256/256067979/256067979\\_200712\\_990PF.pdf](http://dynamodata.fdncenter.org/990pf_pdf_archive/256/256067979/256067979_200712_990PF.pdf)

Carthage, 2008: p.32 has investments.

**\$11.3 Altria ... biggest single investment, 1/3 of total \$31M.**

**\$ 4.6 ExxonMobil**

Total **SSF** plus **Carthage** obvious tobacco stocks (\$29.3M) outweigh obvious oil-related stocks (\$28.4M).

**A.6.1** lists many more foundations, and some contribute substantially, especially to the larger think tanks. Still, those listed above gave pervasively.

### A.3 Advocacy Organizations (O3-O7), Media (O8-O9), others

This is a subset of inter-related entities, with many directors, advisors, employees or funders in common over the years. Many are CTTs – Conservative Think Tanks who have long played strong roles in trying to avoid any environmental regulations [JAC2008, McC2003, MIR2008]. A few mainstream media organizations were included if they seemed to have a long track record of anti-science editorials or unwarranted attacks. This is not remotely a complete list of such. Some organizations are clearly not dedicated to anti-science, but seem to have such pockets, have interesting funding or other associations. *Many thanks to [Sourcewatch] for patiently gathering much of this material.*

**Tables A.6.1 (a-c)** map Funders X Organizations: (O1-O2) X (O3-O6)

**Tables A.6.2 (a-h)** map some individuals from A.7 onto activities and organizations in similar format.

#### Funding

Data comes from: [mediamattersaction.org/transparency](http://mediamattersaction.org/transparency) [MMAN] when available, or if not summarized there from: [foundationcenter.org/findfunders/990finder](http://foundationcenter.org/findfunders/990finder) or occasionally [ExxonSecrets]. Entries marked T have had tobacco associations, although not always funding. Any organization marked \$ has an entry there, and n means nonprofit, specifically 501(c)3 (limits on lobbying) or equivalent elsewhere, but not 501(c)4 for example. Most North American organizations are shown on the Google Map below, concentrated around Washington, DC's famous K Street, likely not low-rent space.

[nonprofitmanagement.suite101.com/article.cfm/what\\_is\\_a\\_501c4\\_organization](http://nonprofitmanagement.suite101.com/article.cfm/what_is_a_501c4_organization)

<http://maps.google.com/maps/ms?hl=en&ie=UTF8&msa=0&msid=107940825189517771981.0004815492d08b0c445f9&ll=38.882481,-76.978455&spn=0.771829,1.253815&z=10>

#### Scientific Advisory Boards. Many advocacy groups have these.

[www.sourcewatch.org/index.php?title=Scientific\\_Advisory\\_Board](http://www.sourcewatch.org/index.php?title=Scientific_Advisory_Board) [Source Watch] notes:

“Scientific Advisory Boards are generally known as SAB's in the tobacco documents. It is often very difficult to determine when these were genuine boards of independent scientists who met to co-operatively to answer some question, and when they were just the names of lobbyists, ideologues, and/or science-for-sale consultants who served no other purpose than that of decorating the letterhead of the organization. There were also some SABs which had genuinely independent, but often gullible, scientists, who didn't recognize how easily they were being manipulated by the lawyers and administrators. And of course, some SABs had corrupt and genuine scientists deliberately blended in to make them more convincing to the public.”

*Regardless of how they started, some think tanks act as combined PR and lobbying entities, advantaged by non-profit status. Although some emphasize free-market economics and individual freedom (fine things!), their sometimes-murky funding seems to come mostly from companies that privatize profits and socialize costs, or from wealthy family foundations often heavily invested in such companies. Think tanks are especially attractive to tobacco companies, which offer no societal benefit, but are certainly profitable. Fossil fuel companies produce valuable products, but perhaps do not always bear the resulting costs, so they often appear as well. Many companies may provide modest support to such think tanks for the general (and not unreasonable) idea of minimizing regulation, but in some ways, that just provides cover for the larger funders, better than some of the older industry front groups (O5).*

Compare TIRC and TASSC: the first tobacco-only, the second more general, but both initiated for tobacco companies. Think tanks (O6) are even better in this regard, as they can offer much broader appeal, an appearance of independence and the “safety of crowds.”

#### Cooperation, Competition ... and What's in a Name?

Many of these organizations overlap, sometimes share personnel, sometimes cooperate and sometimes compete for attention and funding. All this seems redundant, but actually, this keeps each organization competing for funds. A horde of impressively-named small organizations makes for longer lists of supporters and helps confuse the public about real activities and funding paths. See following page for a listing of popular words, like Institute(16), Science(11), Foundation(10) and Policy(9), and recall the idea of *Science Bypass*. Certainly, they do wish to set policy. *Their relationship to science is less clear.*

Table A.3.1 What's in a Name?

	Accuracy	Advancement	Affairs	Alliance	Analysis	Center	Climate	Coalition	Committee	Competitive	Council	Economic	Enterprise	Environment	Environmental	Foundation	Freedom	Global	Health	Institute(tion)	International	Issues	Legal	Media	National	Policy	Project	Public	Research	Rsearch	Science	Scientific	Sound	Study	World
ACCF						x					x															x									
ACSC							x	x																											
ACSH											x								x																
AdTI																				x															
AEF														x		x																			
AEI													x							x															
AIA	x																																		
AIM	x																							x											
ALEC											x													x											
AnnapCtr						x									x											x		x							
API																				x															
Atlas												x				x															x				
CATO																					x														
CEI										x			x							x															
CFACT									x																										
CHC								x																											
CMPA			x			x																		x											
Comwlth																																			
CSCDGC						x										x										x		x						x	
E&E														x																					
EIC											x											x													
ELC										x																									
FF/CSPP						x												x																	
FoS																										x		x				x			
Fraser																					x														
FreeWo																		x																	
GCC							x	x																											
GMI																																			
GWPF																																			
Heartland																										x									
Heritage																																			
Hoover																																			
Hudson																																			
ICSC							x	x														x										x			
IPA			x																																
Manhat																																			
NCPA					x	x																					x								
NCPPR						x																					x								
NRSP																																			
NZCSC							x	x																											
OISM																																			

**ACCF \$n – American Council for Capital Formation (O6) 501(c)6****ACCF CPR – ACCF Center for Policy Research (O6) 501(c)3**

[www.accf.org](http://www.accf.org) 1750 K Street, Washington, DC

[www.accf.org/directors.php](http://www.accf.org/directors.php)

[www.sourcewatch.org/index.php?title=American\\_Council\\_for\\_Capital\\_Formation](http://www.sourcewatch.org/index.php?title=American_Council_for_Capital_Formation)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/520/520991278/520991278\\_200712\\_990O.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/520/520991278/520991278_200712_990O.pdf) **ACCF**

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521091172/521091172\\_200712\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521091172/521091172_200712_990.pdf) **ACCF CPR**

I have included **ACCF CPR** funding numbers under **ACCF**, and labeled it “n” for nonprofit.

**People:** **Thorning** is Senior VP and Chief Economist and a **Heartland** “Global warming expert.”

She has done at least one **GMI** Roundtable, and shows up in interesting email, **A.9.3**.

**Connections:** Board/staff from **API**, **AEI**, **Hoover**, among others

**ACSC – Australian Climate Science Coalition (Australia) (O5c)**

[www.auscsc.org.au/home.html](http://www.auscsc.org.au/home.html) “We need Carbon Dioxide” is 02/20/10 headline.

[www.sourcewatch.org/index.php?title=Australian\\_Climate\\_Science\\_Coalition](http://www.sourcewatch.org/index.php?title=Australian_Climate_Science_Coalition)

**People:** Science: John Nicol (Chr), David Archibald, Bob **Carter**, Lance Endersbee, David Evans, Viv Forbes, William Kinninmonth, John Mclean, Cliff Ollier, Ian Plimer, Walter Starck, Tom Quirk.

**ACSH \$n – American Council on Science and Health (O6b) 501(c)3**

[www.acsh.org](http://www.acsh.org) 1995 Broadway, New York

[www.acsh.org/about/pageID.7/default.asp](http://www.acsh.org/about/pageID.7/default.asp)

[www.acsh.org/about/pageID.89/default.asp](http://www.acsh.org/about/pageID.89/default.asp)

[www.sourcewatch.org/index.php?title=ACSH](http://www.sourcewatch.org/index.php?title=ACSH)

[www.exxonsecrets.org/html/orgfactsheet.php?id=8](http://www.exxonsecrets.org/html/orgfactsheet.php?id=8)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/132/132911127/132911127\\_200806\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/132/132911127/132911127_200806_990.pdf)

**People:** **Enstrom** and **Nichols** are Trustees, **Singer** is a Scientific Advisor.

*Worrying about proper use of science and avoiding over-interpretation of results seems generally good.*

*People with more health expertise than I may assess the extent to which **ACSH** actually does that, as it has some reasonable-seeming advisors, and it has taken a clear position against tobacco.*

It has also received (modest) funding from **ExxonMobil**.

**AdTI T\$n – Alexis de Tocqueville Institution (O6) 501(c)3**

<http://www.adti.net>, <http://alexisdetocqueville.com> unclear

[http://www.sourcewatch.org/index.php?title=Alexis\\_de\\_Tocqueville\\_Institution](http://www.sourcewatch.org/index.php?title=Alexis_de_Tocqueville_Institution)

[www.sourcewatch.org/index.php?title=AdTI-Funding](http://www.sourcewatch.org/index.php?title=AdTI-Funding)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/942/942978968/942978968\\_200312\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/942/942978968/942978968_200312_990.pdf)

**People:** **Singer** was Senior Reviewer on 1994 piece on environmental tobacco smoke for them.

**Organizations:** **CHC** member.

Funding has included both tobacco and oil.

*They often have not filled in the “3” in 501(c)3, the website indicates changes. Its current role is unclear.*

**AEF n - Australian Environment Foundation (Australia) (O5) July 2005- nonprofit**

[aefweb.info](http://aefweb.info)

[www.sourcewatch.org/index.php?title=Australian\\_Environment\\_Foundation](http://www.sourcewatch.org/index.php?title=Australian_Environment_Foundation)

**Organizations:** **IPA**

**People:** **Marohasy** (ran

They promoted January 2010 **Monckton** tour.

**AEFC – American Energy Freedom Center, 2009-**

[www.energyfreedomcenter.org](http://www.energyfreedomcenter.org)

[www.energyfreedomcenter.org/about/staff/](http://www.energyfreedomcenter.org/about/staff/)

This is a relatively new one, listing only George Allen (ex-Governor of VA), and Alexandra Liddy Bourne, who worked for Allen, was at **ALEC**, and then **Heartland**, plus presumably some busy website people.

**AEI T\$n – American Enterprise Institute (O6a) 501(c)3**

[www.aei.org](http://www.aei.org) 1150 Seventeenth St, NW Washington, DC

[www.sourcewatch.org/index.php?title=AEI](http://www.sourcewatch.org/index.php?title=AEI)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/530/530218495/530218495\\_200712\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/530/530218495/530218495_200712_990.pdf)

**ExxonMobil** has long donated more to **AEI** than most, and it regularly comments on climate, but does not seem to organize campaigns as the others do. See **A.2.1**.

**AIA \$n – Accuracy in Academia (O6c) 501(c)3 (operated by AIM)**

[www.academia.org](http://www.academia.org) 4455 Connecticut Av NW Suite #330, Washington, DC See **AIM**.

[www.sourcewatch.org/index.php?title=Accuracy\\_in\\_Academia](http://www.sourcewatch.org/index.php?title=Accuracy_in_Academia)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521400302/521400302\\_200806\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521400302/521400302_200806_990.pdf)

**People:** Kline, Stotts

[www.academia.org/mann-overboard](http://www.academia.org/mann-overboard)

[www.academia.org/mann-overboard](http://www.academia.org/mann-overboard) “Mann Overboard,” February 5, 2010, **Stotts**.

[www.academia.org/ice-age-on-campus](http://www.academia.org/ice-age-on-campus) “Ice Age on Campus,” **Kline**.

[www.academia.org/global-warming-alarmism-cooled](http://www.academia.org/global-warming-alarmism-cooled) “Global Warming Alarmism Cooled,” Joe Naron.

[www.academia.org/sen-inhofe-goes-to-copenhagen/](http://www.academia.org/sen-inhofe-goes-to-copenhagen/) “Se. Inhofe Goes to Copenhagen,” Sarah Carlsruh.

[www.academia.org/climategate-investigations-galore](http://www.academia.org/climategate-investigations-galore) “ClimateGate Investigations Galore,” **Stotts**.

[www.academia.org/the-road-to-copenhagen](http://www.academia.org/the-road-to-copenhagen), “The Road to Copenhagen,” Cliff Kincaid.

**AIM \$n – Accuracy in Media (O6) 501(c)3**

[www.aim.org](http://www.aim.org) 4455 Connecticut Av, NW Suite #330, Washington, DC See **AIA**.

[www.sourcewatch.org/index.php?title=Accuracy\\_In\\_Media](http://www.sourcewatch.org/index.php?title=Accuracy_In_Media) See Funders.

[dynamodata.fdncenter.org/990\\_pdf\\_archive/237/237135837/237135837\\_200904\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/237/237135837/237135837_200904_990.pdf)

**Funding:** Carthage and SSF have funded both **AIM** and **CFACT**, see **A.6.1**. So, this is not surprising:

[www.cfact.org/a/1698/CFACTs-Marc-Morano-recognized-for-outstanding-journalism](http://www.cfact.org/a/1698/CFACTs-Marc-Morano-recognized-for-outstanding-journalism)

“CFACT’s Marc Morano recognized for outstanding journalism.”

**ALEC T\$n– American Legislative Exchange Council (O6a)**

[www.alec.org](http://www.alec.org) 1101 Vermont Ave, NW Washington, DC

[www.sourcewatch.org/index.php?title=ALEC](http://www.sourcewatch.org/index.php?title=ALEC)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/520/520140979/520140979\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/520/520140979/520140979_200812_990.pdf)

**Activities:** GCSCT – ALEC was mentioned as a potential allocator of funds..

**Funding:** ALEC got an **ExxonMobil** funding boost 2002-2005, possibly as an outgrowth of GCSCT.

See **A.2.1.ExxonMobil**.

### **AnnapCtr \$n – Annapolis Center for Science-Based Public Policy Inc (O6b) (~ Annapolis Center for Environmental Quality 2001-2003) 501(c)3**

[www.annapoliscenter.org](http://www.annapoliscenter.org) 410 Rowe Boulevard, Annapolis, MD; last home page 2008:

[web.archive.org/web/20080621041156rn\\_1/www.annapoliscenter.org/skins/default/index.aspx](http://web.archive.org/web/20080621041156rn_1/www.annapoliscenter.org/skins/default/index.aspx)

“The Annapolis Center is a national, nonprofit, educational organization that supports responsible energy, environmental, health, and safety decision-making....

“Our greatest responsibility is to be good ancestors.” – Jonas Salk”

[www.exxonsecrets.org/html/orgfactsheet.php?id=13](http://www.exxonsecrets.org/html/orgfactsheet.php?id=13)

**People:** (advisors) **Baliunas, Lindzen; (awardees) Barton, Inhofe**

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521759134/521759134\\_200712\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521759134/521759134_200712_990.pdf) 2007

“p.3 “Development & communication of standards to evaluate product & environmental studies & research. Education of industry public to benefits of such standards.”

*One might ask :how much of that was actually accomplished?*

[www.cspinet.org/integrity/nonprofits/the\\_annapolis\\_center\\_for\\_science\\_based\\_public\\_policy.html](http://www.cspinet.org/integrity/nonprofits/the_annapolis_center_for_science_based_public_policy.html)

[www.historycommons.org/entity.jsp?entity=annapolis\\_center\\_for\\_science-based\\_public\\_policy\\_1](http://www.historycommons.org/entity.jsp?entity=annapolis_center_for_science-based_public_policy_1)

[web.archive.org/web/20071014222830/www.annapoliscenter.org/skins/default/display.aspx?moduleid=8cde2e88-3052-448c-893d-d0b4b14b31c4&mode=User&action=display\\_page&ObjectID=48e91abd-b071-4684-b8e0-bbd97c134d4b](http://web.archive.org/web/20071014222830/www.annapoliscenter.org/skins/default/display.aspx?moduleid=8cde2e88-3052-448c-893d-d0b4b14b31c4&mode=User&action=display_page&ObjectID=48e91abd-b071-4684-b8e0-bbd97c134d4b)

That archived page describes their events, which seem to emphasize awards dinners:

2006: Richard W. Pombo (Representative, R-CA)

“This year, as in years past, The Annapolis Center will be recognizing an individual or individuals for work in their field supporting rational, science-based thinking and policy-making.”

Keynote: John Stossell

2005: Joe **Barton** (Representative, R-TX)

“pay tribute to his work in promoting science-based public policy.”

2004: James **Inhofe** (Senator, R-OK),

“pay tribute to his work in promoting science-based public policy.”

Keynote: Tony Snow, FOX News Channel’s Political Analyst

2003: Chris Cannon (Representative, R-UT)

[en.wikipedia.org/wiki/Chris\\_Cannon](http://en.wikipedia.org/wiki/Chris_Cannon)

“An estimated 150 people were in attendance at the event. ...

We paid tribute to Congressman Cannon's work in promoting science-based public policy through the establishment of the "Sound Science Caucus" in the U.S. House of Representatives.”

2002: John Engler, Governor Michigan(R)

[en.wikipedia.org/wiki/John\\_Engler](http://en.wikipedia.org/wiki/John_Engler)

“for his strong efforts advocating the use of sound science in public policy decision-making through regulatory reform.”

Keynote: Andrew Card, GWBush Chief of Staff

[SAI2007, p.2] says “Invitations – Good ones”

“We were invited by the Annapolis Center for Science-Based Public Policy to participate in a workshop on peer review.”

**Table A.3. AnnapCtr.1 Annapolis Center Funding [MMAN]**

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
Exxon-MMAN				63	120	103	75	30	105	105		538
Foundations												0
Unknown					495	568	550	492	420	276		2801
Revenue					615	670	625	522	525	381		3338
ExxonMobil-%					20%	15%	12%	6%	20%	28%		16%
Foundations %					0%	0%	0%	0%	0%	0%		0%
Unknown %					80%	85%	88%	94%	80%	72%		84%

**APCO – APCO Worldwide (O3, O4)**

“Global communication consultancy”, i.e., PR firm

[www.sourcewatch.org/index.php?title=APCO\\_Worldwide](http://www.sourcewatch.org/index.php?title=APCO_Worldwide)

**Activities:** BALI2007 (*likely*), Manhat2008 (*likely*)

**Organizations:** FoS, ICSC (*likely*), TASSC

**People:** Harris, Michaels, Milloy, Singer

APCO is well-known for helping set up TASSC for Philip Morris in 1993, a good example of tobacco companies “hiding in the crowd.” This used Milloy, with help from Singer and others. Of course, it is difficult to know who funds its efforts at any point.

**API – American Petroleum Institute (O5a) 501(c)6**

[www.api.org](http://www.api.org) 1220 L St NW, Washington, DC

Energy is an important business. I have no problem with trade organizations straightforwardly promoting their views, but some organizations do so by laundering money and anti-science memes through networks of think tanks, fronts, and astroturf organization. At least API is straightforward.

**Activities:** GCSCT

**Organizations:** ATR, CEI (via Ebell move), CFACT, FF, GMI, SEPP, TASSC

**People:** Baliunas, Bouchey, Cleary, Crandall(Singer), Ebell, Garrigan, Gehri, Kneiss, Moya, Randol, Ross, Rothbard, Salmon, O’Keefe, Walker, most via GCSCT.

API was the first-acknowledged sponsor for [SOO2003], hence Baliunas API label.

*The reader might consider where the line should be drawn between legitimate advocacies and illegitimate. Although I have visited many petroleum companies to help them use computers for finding more oil and managing reservoirs better, I think API has often crossed rather far over that line.*

**Atlas \$n – Atlas Economic Research Foundation (O6a) 501(c)3**

[atlasnetwork.org](http://atlasnetwork.org) 1201 L St NW Washington, DC

[www.sourcewatch.org/index.php?title=Atlas\\_Economic\\_Research\\_Foundation](http://www.sourcewatch.org/index.php?title=Atlas_Economic_Research_Foundation)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/942/942763845/942763845\\_200712\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/942/942763845/942763845_200712_990.pdf)

This is a think tank’s think tank, whose mission is “is to litter the world with free-market think-tanks.”

Its 990 Forms are not very specific, so money destinations are unclear.

**Funding:** ExxonMobil has provided regular funding along with the usual foundations.

**ATR T\$ – Americans for Tax Reform (O6a) 501(c)4**

[www.ATR.org](http://www.ATR.org) 722 12<sup>th</sup> St NW, Washington, DC

[www.sourcewatch.org/index.php?title=Americans\\_for\\_Tax\\_Reform](http://www.sourcewatch.org/index.php?title=Americans_for_Tax_Reform)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521403587/521403587\\_200812\\_990O.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521403587/521403587_200812_990O.pdf)

[www.ATR.org/index.php?content=about](http://www.ATR.org/index.php?content=about)

“ATR was founded in 1985 by Grover Norquist at the request of President Reagan.”

[www.sourcewatch.org/index.php?title=Grover\\_Norquist](http://www.sourcewatch.org/index.php?title=Grover_Norquist)

“ATR is a nonprofit, 501(c)(4) lobbying organization.”

**Activities:** GCSCT

**Organizations:** CHC member

**People:** Cleary

**CATO T\$ – CATO Institute (O6a) 501(c)3**

<http://www.cato.org> 1000 Massachusetts Ave NW, Washington DC

[www.sourcewatch.org/index.php?title=cato](http://www.sourcewatch.org/index.php?title=cato)

[www.exxonsecrets.org/html/orgfactsheet.php?id=21](http://www.exxonsecrets.org/html/orgfactsheet.php?id=21)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/237/237432162/237432162\\_200903\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/237/237432162/237432162_200903_990.pdf)

**Activities:** CATO2009

**People:** (speaker) **Christy**, (Adjunct Scholar) **Milloy** (Editorial Advisory Board) **Singer**

**Funding:** Cato was co-founded by Charles Koch (see **Koch Foundations**), funded primarily by Koch and Scaife foundations.

**CEI T\$ – Competitive Enterprise Institute (O6a) 501(c)3**

[cei.org](http://cei.org); 1899 L St NW, Washington, DC

[www.sourcewatch.org/index.php?title=CEI](http://www.sourcewatch.org/index.php?title=CEI)

[www.exxonsecrets.org/html/orgfactsheet.php](http://www.exxonsecrets.org/html/orgfactsheet.php)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521351785/521351785\\_200809\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521351785/521351785_200809_990.pdf)

[freedomaction.org](http://freedomaction.org)

**Activities:** A.HOCKX

**People:** Ebell, Horner, M.Lewis, Fred.Smith.

**Organizations:** CHC, GMI, Freedom Action, a new “grassroots” initiative, run by Ebell.

**Funding:** From A.6.1(a), CEI column, Scaife and Koch have provided more than half of the foundation funding, but ExxonMobil and foundation funding together only accounted for about a fifth of CEI’s revenue. Both CEI (GMI) got ExxonMobil money 2001-2005 (2003-2007). The burst of ExxonMobil money in 2001-2005 certainly seems like an outgrowth of the strategy in GCST.

**Table A.3.CEI.1 CEI Funding [MMAN]**

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
Exxon-MMAN				280	405	465	270	270				1690
Foundations	459	441	430	432	319	290	616	749	446	520		4184
Unknown	1072	2309	2748	2244	2351	2165	2351	2723	3204	520		21164
Revenue	1531	2749	3178	2956	3075	2920	3237	3742	3650			27038
ExxonMobil-%	0%	0%	0%	9%	13%	16%	8%	7%	0%			6%
Foundations %	30%	16%	14%	15%	10%	10%	19%	20%	12%			15%
Unknown %	70%	84%	86%	76%	76%	74%	73%	73%	88%			78%

**CFACT \$n – Committee for a Constructive Tomorrow (O6b) 501(c)3**

[www.cfact.org](http://www.cfact.org) PO Box 65722 Washington, DC ... really 1825 I St NW, Washington, DC  
[www.sourcewatch.org/index.php?title=Committee\\_for\\_a\\_Constructive\\_Tomorrow](http://www.sourcewatch.org/index.php?title=Committee_for_a_Constructive_Tomorrow)  
[www.exxonsecrets.org/html/orgfactsheet.php?id=25](http://www.exxonsecrets.org/html/orgfactsheet.php?id=25)  
[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521462893/521462893\\_200612\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521462893/521462893_200612_990.pdf)

**Activities:** GCSCT

**Organizations:** CHC member

**People:** Rothbard; (advisors) Ames, Baliunas, Hayden, Michaels, Seitz)

CFACT-Europe is described by a Dutch blogger:

[jules-klimaat.blogspot.com/2009/08/its-fact-CFACT.html](http://jules-klimaat.blogspot.com/2009/08/its-fact-CFACT.html)

CFACT sponsors **Morano**'s current Climate Depot, and is a CHC member.

[www.cfact.org/a/1698/CFACTs-Marc-Morano-recognized-for-outstanding-journalism](http://www.cfact.org/a/1698/CFACTs-Marc-Morano-recognized-for-outstanding-journalism)

"CFACT's Marc **Morano** recognized for outstanding journalism." ... by AIM.

Like **CEI** and **GMI**, CFACT gained some money from **ExxonMobil**, 2001-onward. Perhaps they got funding (from somebody) that attracted **Morano** later, as he left the Senate EPW after 03/17/09.

**Funding:** CFACT enjoyed a big boost 2006-2007-2008.

**Table A.3.CFACT.1 CFACT Funding [MMAN] 2**

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
<b>Exxon-MMAN</b>				35	35	72	125	90	70	40		432
<b>Foundations</b>	50	50	100	125	200	150	80	160	180	300		1070
<b>Unknown</b>					96	157	123	322	417	604		1719
<b>Revenue</b>					331	379	328	572	667	944	1498	3221
<b>ExxonMobil-%</b>					11%	19%	38%	16%	10%	4%		13%
<b>Foundations %</b>					60%	40%	24%	28%	27%	32%		33%
<b>Unknown %</b>					29%	41%	38%	56%	63%	64%		53%

**CHC – Cooler Heads Coalition (O5b) (\$ likely, indirect)**

[www.globalwarming.org](http://www.globalwarming.org) lists Authors

[www.globalwarming.org/about](http://www.globalwarming.org/about) lists current members, most of which are advocacy organizations.

[www.sourcewatch.org/index.php?title=Cooler\\_Heads\\_Coalition](http://www.sourcewatch.org/index.php?title=Cooler_Heads_Coalition)

[cei.org/gencon/014,03358.cfm](http://cei.org/gencon/014,03358.cfm)

[www.freedomworks.org/publications/cooler-heads-coalition](http://www.freedomworks.org/publications/cooler-heads-coalition)

**Activities:** A.HOCKX

**Organizations:** CEI; (members) AdTI, ALEC, ATR, CFACT, FF/CSPP, Fraser, Free Work, GMI, Heartland, Heritage, junkscience.com (*TASSC via Milloy*), Lavoiser, NCPA, PRI, SPPI (*essentially, via Ferguson move*), TII ... shown horizontally in Table A.6.2.1.

**People:** Ebell, Horner, M.Lewis; (authors) D'Aleo, Fran.Smith, Georgia,

The CHC has been generally been run by CEI people, and the website paid for by them. Funding is especially obscure, but some can be inferred from that of member organizations, thus indirectly from family foundations and **ExxonMobil**. It might also be funded through CEI, with other organizations doing little but adding their names. Sometimes people gave affiliations as CEI, other times CHC. CHC has a more complex history than coverable her. *Sourcewatch seems to list all entities that have ever been members.*

10/11/01 CHC sponsored **McKittrick** at US Congress.

[www.uoguelph.ca/~rmckitri/research/co2briefing.pdf](http://www.uoguelph.ca/~rmckitri/research/co2briefing.pdf)

02/27/03 CHC sponsored **McKittrick** at Senate Everett Dirksen Building., email mebell AT [cei.org](mailto:mebell@cei.org)

[cei.org/gencon/014,03358.cfm](http://cei.org/gencon/014,03358.cfm)

11/18/03 **CEI//CHC (Ebell)** cosponsored a visit from **M&M**, introduced **McIntyre** to **GMI**.  
[www.marshall.org/pdf/materials/188.pdf](http://www.marshall.org/pdf/materials/188.pdf)

**Ebell**: “As you probably all know, we have done a lot of these. I think this is one of the most interesting ones, because I think we are just at the beginning of what I think will be a major controversy.”

**McIntyre**: “My name is Steve McIntyre. I’d like to express my appreciation to Marshall Institute and CEI for paying my expenses down here.”

**Inhofe** lawyer **Hogan** showed *surprising* interest in tree-ring statistics:

“*Question*: Aloysius Hogan. I have heard questioning of the statistical and methodological practices associated with a number of papers and I would like to get an opinion from you both about the level of statistical and methodological analysis among normal peers. Are the people who are doing the peer review really qualified in those areas as statisticians or they are just educated laymen?”

*McKittrick*: Now are you talking about the journal peer review or the IPCC review process?

*Question*: I am talking about the peer review for four or five different cases”

02/10/05 **GMI/CEI** held panel: **Inhofe (EPW)**, **Ebell**, **O’Keefe**, **Horner**, **Andrew Wheeler (EPW)**.  
[www.marshall.org/pdf/materials/300.pdf](http://www.marshall.org/pdf/materials/300.pdf)

“The Senator will present four short speeches questioning the four pillars on which the alarmist view of climate change is based: the 2001 National Academy of Sciences report, the IPCC’s reliance on Michael Mann’s discredited “hockey stick” model, the Arctic climate impact assessment report, and the flawed data produced by climate models.”

05/11/05 **GMI/CEI/CHC** Cosponsored **M&M** again.  
[www.marshall.org/pdf/materials/316.pdf](http://www.marshall.org/pdf/materials/316.pdf) [**GMI2005a**]

06/21/05 **CHC/FreeWork** sent letter to US Senate, including **Fred.Smith**, **Ebell**, **Ferguson**, others.

**CMPA** \$n – **Center for Media and Public Affairs – GMU (O6) 501(c)3**

[www.cmpa.com](http://www.cmpa.com) 2100 L St NW, Suite 300 Washington DC

[www.sourcewatch.org/index.php?title=Center\\_for\\_Media\\_and\\_Public\\_Affairs](http://www.sourcewatch.org/index.php?title=Center_for_Media_and_Public_Affairs)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521328708/521328708\\_200806\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521328708/521328708_200806_990.pdf)

**Organizations**: **STATS**, with whom it has shared some people.

**Commwlt** \$n – **Commonwealth Foundation for Public Policy Alternatives (O6b) 401(c)3**

[www.commonwealthfoundation.org](http://www.commonwealthfoundation.org) 225 State St Harrisburg, PA

[www.sourcewatch.org/index.php?title=Commonwealth\\_Foundation\\_for\\_Public\\_Policy\\_Alternatives](http://www.sourcewatch.org/index.php?title=Commonwealth_Foundation_for_Public_Policy_Alternatives)

[www.publiceye.org/magazine/v13n2-3/PE\\_V13\\_N2-3.pdf](http://www.publiceye.org/magazine/v13n2-3/PE_V13_N2-3.pdf)

[fixpa.wikia.com/wiki/Commonwealth\\_Foundation](http://fixpa.wikia.com/wiki/Commonwealth_Foundation)

[foundationcenter.org/findfundes/990finder](http://foundationcenter.org/findfundes/990finder): “Commonwealth Foundation” PA

*This effectively started as a Pennsylvania-local subsidiary of the **SSF**, which has long supported it.*

Chairman Michael W. Gleba is an **SSF** board member. Lately, it has taken up **A.GATE** along with the other advocacy groups, taking special efforts to attack Mann and Penn State.

[www.commonwealthfoundation.org/research/detail/mann-made-global-warming](http://www.commonwealthfoundation.org/research/detail/mann-made-global-warming)

[www.foxnews.com/scitech/2010/02/05/penn-state-probe-michael-mann-total-whitewash/](http://www.foxnews.com/scitech/2010/02/05/penn-state-probe-michael-mann-total-whitewash/)

[www.mcall.com/news/local/all-a1\\_5emails.7169672feb05,0,2943331.story](http://www.mcall.com/news/local/all-a1_5emails.7169672feb05,0,2943331.story)

**CSCDGC** \$ – **Center for the Study of Carbon Dioxide and Global Change (O6b)**

[www.co2science.org](http://www.co2science.org)

[www.sourcewatch.org/index.php?title=Center\\_for\\_the\\_Study\\_of\\_Carbon\\_Dioxide\\_and\\_Global\\_Change](http://www.sourcewatch.org/index.php?title=Center_for_the_Study_of_Carbon_Dioxide_and_Global_Change)

[www.exxonsecrets.org/html/orgfactsheet.php?id=24](http://www.exxonsecrets.org/html/orgfactsheet.php?id=24)

The **Idso** family founded this in 1998, and it has long been referenced for the meme “CO2 is good, plants need more.” *I think it has actually done some research, unlike most of the organizations here.*

**DCI Group (O3) 1997-**

[www.dcigroup.com](http://www.dcigroup.com) 1828 L Street NW Washington, DC

[www.sourcewatch.org/index.php?title=DCI\\_Group](http://www.sourcewatch.org/index.php?title=DCI_Group)

This PR firm was closely associated with GWBush administration, and seems to be specialist in setting up fronts and astroturf organizations.

**Organizations:** TCS, see also GMI.

*Sourcewatch:*

“The DCI Group calls itself a “strategic public affairs consulting firm” and boasts that it handles corporate issues like political campaigns. “We are a political firm and all of our partners have political campaign experience.”

**DCI** set up and ran **TCS (TechCentral Station)**. Diane Miller represented DCI at the **GMI** 2009 dinner:

[www.marshall.org/pdf/materials/664.pdf](http://www.marshall.org/pdf/materials/664.pdf)

It is difficult to figure out funding with PR agencies, since money may flow from funders directly to them, or indirectly through trade associations, foundations or think tanks.

**E&E – Energy and Environment (O9a, “journal”)**

[www.multi-science.co.uk/ee.htm](http://www.multi-science.co.uk/ee.htm) but *IngentaConnect* no longer seems to carry E&E’s abstracts.

**Involvement:** 5: Editor-in-Chief/Co-Editor, 4: Editorial Board, 3: Published article

**People:** (co-editors) **Boehmer-Christiansen, Peiser**; (editorial board) Richard S. Courtney, **Lomborg**

Long-time Editor geographer **Boehmer-Christiansen** has been joined by social anthropologist **Peiser** to edit this “journal”, not listed in the Web of Science, and generally considered “grey literature.” This does not mean every article is bad.

*Opinion: be very, very careful before paying much attention to anything published here. It is a good place to publish climate anti-science that would not pass peer review anywhere else.*

**EIC – Environmental Issues Council 1993-2003(?) (O5c)**

[www.sourcewatch.org/index.php?title=Environmental\\_Issues\\_Council](http://www.sourcewatch.org/index.php?title=Environmental_Issues_Council)

**People:** GCSCCT team member **Garrigan** gave this as her affiliation. **EIC** Science Advisory Committee included **Ames**, Jo Kwong Echard (**Atlas**), Hugh Ellsaesser (**LLNL**), Edward Krug (**CFACT**), Jane Orient (**OISM**, Doctors for Disaster Preparedness, JPANDS).

I couldn’t find her via Wayback, but did find:

[web.archive.org/web/19990910071145/eico.org/advisory.html](http://web.archive.org/web/19990910071145/eico.org/advisory.html) 1999

[web.archive.org/web/20010422194322/eico.org/advsci.html](http://web.archive.org/web/20010422194322/eico.org/advsci.html) 1999

**ELC \$ – Environmental Literacy Council (O5c)**

*(Says Tax-deductible on website, but no 990 forms(?), and seems to be going dormant.)*

[www.enviroliteracy.org](http://www.enviroliteracy.org) 1625 K St NW #1020 Washington DC

[www.sourcewatch.org/index.php?title=Environmental\\_Literacy\\_Council](http://www.sourcewatch.org/index.php?title=Environmental_Literacy_Council)

[http://mediamattersaction.org/transparency/organization/Environmental\\_Literacy\\_Council](http://mediamattersaction.org/transparency/organization/Environmental_Literacy_Council)

[mediamattersaction.org/transparency/organization/Environmental\\_Literacy\\_Council/funders](http://mediamattersaction.org/transparency/organization/Environmental_Literacy_Council/funders) spelling

“The Environmental Literacy Council is an independent, non-profit made up of scientists, economists, and educators striving to connect teachers and students to science-based information on environmental issues. Our website offers over 1000 pages of background information and resources on environmental topics, along with curricular materials, and textbook reviews.”

**Organizations:** spun off from GMI (located at same street address until recent move)

**People:** Moore, Salmon, Seitz, Sproull

**Funding:** foundation funding, very similar to GMI

*On the surface, ELC looks like a plausible organization that might be what it says it is, but see “Scientific Advisory Boards” at A.3. Many board members seem quite plausible.*

*Many of their web pages seem reasonable, as do their links to other web pages, but their climate discussions usually manage to sooth concerns about climate and emphasize uncertainty in the science.*

ELC’s top-level piece on “Air, Climate, and Weather” links to others:

[www.enviroliteracy.org/article.php/1146.html](http://www.enviroliteracy.org/article.php/1146.html), “Climate Change” concludes:

“Despite the evidence that scientists have uncovered related to changes in climate, there continues to be uncertainty around the chief causes of climate change and their potential impacts. These uncertainties stem from the science itself, as well as from human behavior, especially as it relates to the amount of natural climatic variability and greenhouse gas emissions. Many of these factors will continue to depend on human behavior, influenced by effects on health and the quality of life, technological advances, and policy changes.”

[www.enviroliteracy.org/article.php/678.html](http://www.enviroliteracy.org/article.php/678.html) “Climate Forcing & Feedback” concludes:

“Determining how small forcings, such as an increase in greenhouse gases, will affect the overall climate involves a variety of complex computations in which scientists attempt to weigh all the potential positive and negative feedbacks. While climate modeling can help us understand many of the physical feedbacks and processes involved in our climate system, uncertainty will continue to exist since it often represents a more simplified version than what can be modeled accurately.”

[www.enviroliteracy.org/article.php/1340.html](http://www.enviroliteracy.org/article.php/1340.html) “Climate Modeling” concludes

“However, while climate models can help scientists understand and predict the climate, they also come with limits. The global climate system is complex, and the role of both positive and negative feedbacks is not completely understood leading to uncertainty as to how the Earth system will actually respond to a warming climate. Yet, as our understanding increases, models can be refined, allowing climate predictions to become more accurate and dependable. Being able to reasonably predict future climate is a first step in helping to determine what can be done to help protect our environment.”

[www.enviroliteracy.org/article.php/428.html](http://www.enviroliteracy.org/article.php/428.html) “Greenhouse Gases” says:

“The full range of sources of greenhouses gases - both natural and anthropogenic - is not yet fully understood and continues to be the subject of both research and debate.”

*Surely, but human GHG production is calibrated well enough to know there is a problem.*

[www.enviroliteracy.org/article.php/1334.html](http://www.enviroliteracy.org/article.php/1334.html) “Possible Consequences of Global Warming” includes:

“Most scientists agree that the Earth is in fact experiencing increasing temperatures, and many believe that humans are enhancing this overall warming trend.”

*Enhancing? That sounds good. The reader might assess the wording here. I’m not sure many climate scientists think that humans are “enhancing a warming trend.”*

[www.enviroliteracy.org/article.php/367.html](http://www.enviroliteracy.org/article.php/367.html) “The Greenhouse Effect”

“Additional gases, stemming from human activities, create what is called an enhanced greenhouse effect.

However, the Earth's climate is complex and is also influenced by other factors, making it difficult to link specific climate characteristics to a single cause. Therefore, while many scientists support efforts to slow ? or even reverse ? the build up of greenhouse gases, others believe that the climate changes that we are experiencing are part of a natural, long-term cycle.”

*This is certainly true. One could also say that many medical researchers think that cigarette smoking is bad, but others think it is not so bad. Does this description “enhance” students’ literacy?*

*Opinion: ELC is a cleverly-created “front” designed to offer environmental materials that pull with them subtle soothing messages on climate, and messages of uncertainty on climate science. Many board members may well not realize this. Most material may be reasonable, but the climate doubt likely gets this funded. It was founded by Salmon, spun off from GMI around 1998, was funded like GMI and the early board had 3 key GMI people, Sproull, Moore, and Seitz.*

[web.archive.org/web/19981203142527/www.marshall.org/icee.html](http://web.archive.org/web/19981203142527/www.marshall.org/icee.html)

**FF T\$<sub>n</sub> – Frontiers of Freedom (O6b) 501(c)3** mostly, but some 501(c)4

[www.ff.org](http://www.ff.org). Post Office Box 69 Oakton, VA ... 11781 Lee Jackson Memorial Hwy Fairfax, VA

[www.sourcewatch.org/index.php?title=Frontiers\\_of\\_Freedom](http://www.sourcewatch.org/index.php?title=Frontiers_of_Freedom) founded in 1996

[dynamodata.fdncenter.org/990\\_pdf\\_archive/541/541773197/541773197\\_200612\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/541/541773197/541773197_200612_990.pdf) Institute

[dynamodata.fdncenter.org/990\\_pdf\\_archive/542/542050093/542050093\\_200612\\_990O.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/542/542050093/542050093_200612_990O.pdf) Foundation

**Activities:** GCSCT

**People:** (at GCSCT) Bouchey, Ebell; Horner; Ferguson, (at some point) Singer

**Funding:** This is funded by the usual foundations, got substantial tobacco money and later started getting money from ExxonMobil. The GCSCT effort included FF’s Myron Ebell.

**Table A.6.1(a)** combines [MMAN] “Frontiers of Freedom” and “Frontiers of Freedom Institute,” and 990 forms for “Frontiers of Freedom” show the same people at the same address running both a 501(c)3 Institute 2001-2004, 2006, and a 501(c)4 Foundation 2004-2006. FF received ExxonMobil money from 2001 onward. This is usually combined with the following:

**FF/CSPP T\$<sub>n</sub> – FF Center for Science and Public Policy (O6b)**

**(Funded by ExxonMobil within FF) 501(c)3 and 501(c)4 pair**

[www.sourcewatch.org/index.php?title=Center\\_for\\_Science\\_and\\_Public\\_Policy](http://www.sourcewatch.org/index.php?title=Center_for_Science_and_Public_Policy) March 2003-2007

**Organizations:** (member) CHC

**People:** Ferguson

FF started getting ExxonMobil money in 2002, used to launch CSPP in 2003, with Ferguson as Executive Director. The FF/CSPP “\*2” entries in A.2.1(a) try to capture the messy evolution of organizations that evolve, with people moving around. FF was represented at GCSCT by Bouchey and Ebell. CSPP likely came into existence, as an outgrowth of that, as ExxonMobil money became available. FF is a CHC member, and FF/CSPP (Ferguson) was also a member during at least some part of 2003-2007.

Ferguson departed in mid-2007 to launch his own think tank, SPPI. CSPP seemed to go dormant shortly thereafter. *It is possible that Ferguson took ExxonMobil funding with him to SPPI or found other sources.*

**FoS – Friends of Science (O6b) (CA) Calgary, Alberta 2002-**

[www.friendsofscience.org](http://www.friendsofscience.org)

[www.sourcewatch.org/index.php?title=Friends\\_of\\_Science](http://www.sourcewatch.org/index.php?title=Friends_of_Science)

[web.archive.org/web/20021208180844/www.friendsofscience.org/who\\_we\\_are.htm](http://web.archive.org/web/20021208180844/www.friendsofscience.org/who_we_are.htm)

[deepclimate.org/2009/12/02/in-the-beginning-friends-of-science-talisman-energy-and-the-de-freitas-broth](http://deepclimate.org/2009/12/02/in-the-beginning-friends-of-science-talisman-energy-and-the-de-freitas-broth)

[www.friendsofscience.org/assets/documents/Holland-Bias&Concealment%27t%20IPCC%20process.pdf](http://www.friendsofscience.org/assets/documents/Holland-Bias&Concealment%27t%20IPCC%20process.pdf)

Support from Talisman energy, *plausible involvement by Imperial Oil (ExxonMobil)*.

**Organizations:** APCO.

**Activities:** A.Hockey, A.Oreskes, A.Santer, A.GATE (see website)

**People:** “Professional Contacts”: Ball, McKittrick (2002-, 2005 video), de Freitas, T. Patterson

**Fraser T\$ – Fraser Institute (Canada) (O6a) Charitable(CA), 501(c)3**

[www.fraserinstitute.org](http://www.fraserinstitute.org) 170 Burrard St Vancouver, BC Canada (multiple locations, including USA)  
[www.cra-arc.gc.ca/ebci/haip/srch/basicsearchresult-eng.action?s=+&k=fraser+institute&p=1&b=true](http://www.cra-arc.gc.ca/ebci/haip/srch/basicsearchresult-eng.action?s=+&k=fraser+institute&p=1&b=true)  
[www.sourcewatch.org/index.php?title=Fraser\\_Institute](http://www.sourcewatch.org/index.php?title=Fraser_Institute)  
[dynamodata.fdncenter.org/990\\_pdf\\_archive/980/980032427/980032427\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/980/980032427/980032427_200812_990.pdf)

**Activities:** A.HOCKX (via CHC and McKittrick)

**Organizations:** (member) CHC

**People:** (Senior Fellow since October 15, 2002) McKittrick

This 35+year-old think tank is headquartered in Vancouver, but has offices across Canada. The USA has a horde of think tanks that generate climate anti-science. Canada seems to have one especially big one, and like many of the USA think tanks, it has worked with tobacco companies [GUT2009].

*DC and other Canadian bloggers would know Fraser much better than I do.*

**Funding:** Scaife, John Templeton Foundation funded some. ExxonMobil provided modest funds 2003-2004.

**FreeWork T\$ – Freedom Works Development Corp (O6c) 501(c)3**

[www.freedomworks.org](http://www.freedomworks.org) 601 Pennsylvania Ave NW North Building Suite 700, Washington, DC  
[www.freedomworks.org/blog/krombach/4th-international-conference-on-climate-change](http://www.freedomworks.org/blog/krombach/4th-international-conference-on-climate-change)  
[www.sourcewatch.org/index.php?title=Freedom\\_Works](http://www.sourcewatch.org/index.php?title=Freedom_Works)  
[dynamodata.fdncenter.org/990\\_pdf\\_archive/431/431592382/431592382\\_200712\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/431/431592382/431592382_200712_990.pdf)  
[www.freedomworks.org/publications/cooler-heads-coalition](http://www.freedomworks.org/publications/cooler-heads-coalition)

**Activities:** 06/21/05 letter with CHC; “tea party”; cosponsor of Heart#4

**Organizations:** CHC, Heartland

**People:** Dick Armey, Steve Forbes, among others.

This was formed in 2004 by merger of Citizens for a Sound Economy and Empower America.

**GCC – Global Climate Coalition (O5b) 1989-2002 (defunct)**

[en.wikipedia.org/wiki/Global\\_Climate\\_Coalition](http://en.wikipedia.org/wiki/Global_Climate_Coalition) 1275 K Street NW Washington, DC  
[www.sourcewatch.org/index.php?title=Global\\_Climate\\_Coalition](http://www.sourcewatch.org/index.php?title=Global_Climate_Coalition)  
[www.exxonsecrets.org/html/orgfactsheet.php?id=38](http://www.exxonsecrets.org/html/orgfactsheet.php?id=38)

**Organizations:** Sourcewatch:

“The GCC operated until 1997 out of the offices of the [National Association of Manufacturers](#). Its early members included Amoco, the American Forest & Paper Association, American Petroleum Institute, [Chevron](#), [Chrysler](#), Cyprus AMAX Minerals, [Exxon](#), [Ford](#), [General Motors](#), [Shell](#) Oil, [Texaco](#), and the [United States Chamber of Commerce](#),”

It later expanded to a much larger list.

**People:** O’Keefe was Chairman, when working at API, moved to GMI in 2001. Baliunas was an Advisor.

Originally, this was funded by companies, but later switched to trade associations, making funding murkier.

[www.nytimes.com/2009/04/24/science/earth/24deny.html?\\_r=1](http://www.nytimes.com/2009/04/24/science/earth/24deny.html?_r=1)

GCC sometimes published views differing from those of its own advisory scientists.

**GES – Greening Earth Society (O5b) 1997-2005**

[en.wikipedia.org/wiki/Greening\\_Earth\\_Society](http://en.wikipedia.org/wiki/Greening_Earth_Society) 333 John Carlyle St, Alexandria, VA  
[www.sourcewatch.org/index.php?title=Greening\\_Earth\\_Society](http://www.sourcewatch.org/index.php?title=Greening_Earth_Society)  
[en.wikipedia.org/wiki/World\\_Climate\\_Report](http://en.wikipedia.org/wiki/World_Climate_Report)

**People:** Michaels; Baliunas, Balling, Davis, Knappenberger.

This front group for the WFA (Western Fuels Association - Powder River coal), published the WCR (World Climate Report) edited by Michaels, with help from the others. WCR is still going.

**GMI T\$ – George C Marshall Institute (O6b, very influential for its size) 501(c)3**

[www.marshall.org](http://www.marshall.org) was 1625 K St NW, Washington, just moved to 1601 N Kent ST #802, Arlington, VA

[www.sourcewatch.org/index.php?title=George\\_C\\_Marshall\\_Institute](http://www.sourcewatch.org/index.php?title=George_C_Marshall_Institute)

[www.exxonsecrets.org/html/orgfactsheet.php?id=36](http://www.exxonsecrets.org/html/orgfactsheet.php?id=36)

[web.archive.org/web/\\*/www.marshall.org/board.php](http://web.archive.org/web/*/www.marshall.org/board.php)

[web.archive.org/web/\\*/www.marshall.org](http://web.archive.org/web/*/www.marshall.org)

[mediamattersaction.org/transparency/organization/George\\_Marshall\\_Institute/funders](http://mediamattersaction.org/transparency/organization/George_Marshall_Institute/funders) 2 spellings

[mediamattersaction.org/transparency/organization/George\\_C\\_Marshall\\_Institute/funders](http://mediamattersaction.org/transparency/organization/George_C_Marshall_Institute/funders)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/222/222569466/222569466\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/222/222569466/222569466_200812_990.pdf) 2008

“Research & education in scientific developments affecting security of the United States.”

[www.marshall.org/category.php?id=6](http://www.marshall.org/category.php?id=6) says:

“The George C. Marshall Institute was established in 1984 as a nonprofit 501(c)(3) corporation to conduct technical assessments of scientific issues with an impact on public policy.

In every area of public policy, from national defense, to the environment, to the economy, decisions are shaped by developments in and arguments about science and technology. The need for accurate and impartial technical assessments has never been greater. However, even purely scientific appraisals are often politicized and misused by interest groups. The Marshall Institute seeks to counter this trend by providing policymakers with rigorous, clearly written and unbiased technical analyses on a range of public policy issues. Through briefings to the press, publication programs, speaking tours and public forums, the Institute seeks to preserve the integrity of science and promote scientific literacy. We publish reports, host roundtables, workshops and collaborate with institutions that share our interest in basing public policy on scientific facts.”

I'd agree that “even purely scientific appraisals are often politicized and misused by interest groups”, but *GMI itself has been a leader in doing exactly that for 25 years*, funded by wealthy, very-conservative family foundations, some of whose fortunes were built on oil (**Scaife, Koch, Earhart**) or chemicals (**Olin**) very tightly connected to the more conservative side of the Republican party. In 2001, **GMI** started receiving funding from **ExxonMobil**, *probably connected with the same campaign laid out in GCST*. The reader might study the following and as many links as they need to decide if that is fair.

**Activities:** **GMI1990, SIPP1993, A.Santer, OISM1998, GCST, GMI2002, GMI2003, A.Oreskes, GMI2005, GMI2005a, A.HOCKX, A.Hockey, APS2009, A.GATE**

[www.marshall.org/pdf/materials/300.pdf](http://www.marshall.org/pdf/materials/300.pdf) Likely, **Kueter** or **O'Keefe** wrote that.

**Organizations:** (member) **CHC**; frequent cooperation with **CEI**

**People:** many connections, much of this report is about them.

**Happer** is the current Chairman of the Board, **Canavan** and **Spencer** are Directors, as was **Starr**. **Sproull** was an associate of **Seitz**, and a **GMI** Director. **Nierenberg** was on the Board of **Starr's EPRI**.

**Baliunas** and **Soon** have written papers for **GMI**, as have **Spencer** and **Christy**. **Singer's SEPP** has long been connected with **GMI**: **Seitz** was **SEPP's** Chairman, **Nierenberg** and **Starr** Science Advisors. Rachel Schwartz /is on the staff, labeled **Koch** Foundation Associate.

**Jeffrey Salmon**, a PhD in World Politics, was a senior speechwriter for Caspar Weinberger and Dick Cheney, then was **GMI's** Executive Director 1991-2001. He worked with the **API** to craft disinformation strategy, **GCST**. He has written “science” pieces for **GMI** and **Heartland**. In 2001, he was appointed to a job at the **DOE**. In mid-2008, he “burrowed in” to a civil service job in **DOE**.

**GMI's** President/CEO 2001-present is **William O'Keefe**. He was Exec. VP and COO of the **API** with **API** at least 1974-2001, was on the Board of **CEI**, and is Chairman Emeritus of the **GCC**. He was a lobbyist for **ExxonMobil** and has written many “science” pieces.

[www.marshall.org/experts.php?id=83](http://www.marshall.org/experts.php?id=83)

[www.sourcewatch.org/index.php?title=American\\_Petroleum\\_Institute](http://www.sourcewatch.org/index.php?title=American_Petroleum_Institute)

**GMI** President is Jeff **Kueter**, whose background was mainly in Political Science, and was Research Director at the National Coalition for Advanced Manufacturing (NACFAM). He writes “science” also.

[www.marshall.org/experts.php?id=43](http://www.marshall.org/experts.php?id=43)

**GMI**'s priorities seem to be promoting missile defense, slowing environmental legislation and supporting oil interests, via numerous close ties to the Reagan and Bush administrations, lobbyists and conservative politicians. For anyone associated with **GMI** to claim that it is unbiased and apolitical while mainstream science is political, is ...interesting. If it ever does any real science regarding climate, that is not apparent. It certainly has political scientists and oil lobbyists writing "science pieces." Since 1990 it has been an effective focus for climate anti-science in Washington, DC. However, military and climate issues can sometimes be connected via oil [**KLA2008**], given the strong mechanization of the US Armed Forces.

**GMI** was founded by 3 world-class, well-known, influential scientists, **Robert Jastrow**, **William Nierenberg** and **Frederick Seitz**, originally to help the Reagan Administration sell "Star Wars". In 1990, they published *Scientific Perspectives on the Greenhouse Problem* [**GMI1990**], including a paper by **Spencer** and **Christy**. The tobacco connection in Table A.2.1 is via **Seitz**.

[**LAH2008**, **ORE2007**, **ORE2008**] offer many useful insights, as **GMI** is in some sense the "original core" of ideology-based climate anti-science, due to the scientific prestige and influence of its founders.

[**ORE2008a**] offers interesting early history (circa 1983) relevant to **GMI**. The Daily Princetonian's article by Raymond Brusca is an interesting summary, with many comments from **Happer**.

[www.dailyprincetonian.com/2009/01/12/22506](http://www.dailyprincetonian.com/2009/01/12/22506)

[**ORE2010**] is an exhaustive, meticulously-documented history of **GMI & Singer**, especially the earlier decades. It really helped me know where to look.

**GMI** was long financed by family foundations (A.2.1) but later, added **ExxonMobil** and perhaps others, including aerospace. It has not released funding details for a while, but clearly got a funding boost in the last decade, and has had a CEO from **API**.

**GMI** was long located on Washington DC's lobbyist-famous "K Street", recently moved to Arlington, VA.

Matthew Crawford worked as **GMI** Executive Director for a short time (~5 months) starting 09/04/01.

*His opinions later were interesting, and somebody might want to ask him more:*

[web.archive.org/web/20011214154524/www.marshall.org/CrawfordIntroduction.htm](http://web.archive.org/web/20011214154524/www.marshall.org/CrawfordIntroduction.htm)

[www.sourcewatch.org/index.php?title=Matthew\\_B.\\_Crawford](http://www.sourcewatch.org/index.php?title=Matthew_B._Crawford)

[www.nytimes.com/2009/05/24/magazine/24labor-t.html?\\_r=3&em=&pagewanted=all](http://www.nytimes.com/2009/05/24/magazine/24labor-t.html?_r=3&em=&pagewanted=all)

"As it happened, in the spring I landed a job as executive director of a policy organization in Washington. This felt like a coup. But certain perversities became apparent as I settled into the job. It sometimes required me to reason backward, from desired conclusion to suitable premise. The organization had taken certain positions, and there were some facts it was more fond of than others. As its figurehead, I was making arguments I didn't fully buy myself. Further, my boss seemed intent on retraining me according to a certain cognitive style — that of the corporate world, from which he had recently come. This style demanded that I project an image of rationality but not indulge too much in actual reasoning. As I sat in my K Street office..."

His boss would have been **O'Keefe**.

**GMI** has long and strongly espoused free-market economics, for solutions to environmental and any other problems, i.e. as opposed to government regulation of anything. As far as I can tell, the 3 founders had strong conservative ideology, did not generally work for commercial companies, but for government, or in university research jobs, often supported by government grants. *As a long-time R&D (and venture-capital related) person in profit-making industrial companies, especially in ultra-entrepreneurial Silicon Valley, it seems incongruous to me for people to be constantly claiming the mantle of free enterprise when so much of their careers have been so heavily-dependent on federal government funding.*

***GMI** appears to be a think tank originally started for ideological/political reasons, but effective think tanks often attract and compete for funding from others.*

**GMI Board. Political leaning?**

On doing a donation analysis (as I did in [MAS2009]) for the 18 **GMI** Directors I could find, 15 donated. One must be careful not to ascribe any view to any one person, unless perhaps they have a long, broad, one-sided donation pattern. However, the totals are still relevant, especially when they look like this:

**Table A.3.GMI.1 GMI Director Donations [NEWSMEAT]**

<b>GMI Director - Donations</b>				
<b>People</b>	<b>%</b>	<b>\$ Rep+Lib</b>	<b>\$ Dem</b>	<b>Category</b>
8	53%	\$139,900		<b>Republican+Libertarian only</b>
6	40%	\$47,000	\$4,000	<b>Mixed</b>
1	7%		\$2,815	<b>Democratic only</b>
15	100%	\$187,800	\$6,815	<b>Totals</b>
		<b>96.5%</b>	<b>3.5%</b>	<b>Total \$ Percentages</b>
<b>2</b>	<b>100%</b>			<b>Bush 04 or McCain 08</b>
<b>0</b>	<b>0%</b>			<b>Kerry 04 or Obama 08</b>

In the process, I checked the Board and some employees in more detail, using:

[web.archive.org/web/\\*/www.marshall.org](http://web.archive.org/web/*/www.marshall.org)

[web.archive.org/web/\\*/www.marshall.org/board.php](http://web.archive.org/web/*/www.marshall.org/board.php)

The next table shows the chronology of the Board, with Presidential administrations in which people were political appointees or were otherwise known to be involved, donations, and a “Conserv. Pol” column to indicate a visible conservative political view (donations, appointments, work at **Hoover**, being Director of **Manhattan** Institute, etc). Each Director is described in more detail in A.7, so the reader can see if this is a fair summary. For example, Grove City College Presidency is meaningful, politically. I’ve included all **GMI** Board members in A.7, from the general belief that **GMI** has long been a central player. As usual, group membership need not imply anything about any individual – some may have no views on climate.

*No political judgment or preference is being made here. **GMI** claims to be “impartial”, and this data helps the reader assess any political leaning. I would not raise this issue if **GMI** portrayed itself openly as a highly conservative political lobbyist/PR supporter of defense and oil. **API** is at least clear about its role. Last columns show signers of **OISM** and the **GMI2002** letter.*

Table A.3.GMI.2 GMI Board and Some Staff History [Wayback, NEWSMEAT, others]

Board	C: Chair of BOD, D: Director, c: Ceo, p: President, m(e): Managing (Exec.) Director	??/??/90	12/21/96	03/04/00	04/05/01	07/20/01	11/07/01	10/14/02	04/18/03	08/23/04	03/13/05	02/16/06	02/11/07	03/19/08	02/01/10	\$ Rep	\$ Dem	RWR	GHWB	Cons Pol	OISM1998	GMI2002
Ames, Bruce N	UC Berkeley		D	D	D	D	D	D	D	D	D	D				\$40,850				x		
Baliunas, Sallie	H-S Cfa		D	D	D	D	D	D	D	D						\$3,000	\$1,000					x
Canavan, Gregory H	LANL, SDI									D	D	D	D	D			\$2,815					
Clancy, Thomas L. Jr	Author						D	D	D	D	D	D	D			\$61,250				x		
Happer, Will	Princeton U						D	D	D	D	D	C	C	C	C	\$1,000	\$1,000	x		x		x
Hawkins, Willis M	Lockheed-Martin; d10/04/04	D	D	D	D	D	D	D	D	D						\$12,875				x		
Healy, Bernadine	Cleveland Clinic Foundation							D	D	D	D					\$18,250	\$1,000	x	x	x		
Jastrow, Robert	Mt Wilson; d02/08/08	D	D	D	D	D	C	C	C	C	C	D	D			\$21,750	\$300	x		x		x
Krauthammer, Charles	Syndicated Columnist						D	D												x		
Moore, John H.	Grove City College (Hoover)		D	D	D	D	D	D	D	D	D	D	D	D		\$300				x		
Nichols, Rodney	Consultant (Manhattan Inst)												D	D	D	\$500	\$500			x		
Nierenberg, William	Scripps, etc; d09/10/00	D	D	D												\$250		x		x		
Nikolich, Milan	Exec Assoc CACI (LANL, SDI)														D	\$900						
O'Keefe, William *	Solutions Consulting; API				m	m	p	p	p	c	c	c	c	c	c	\$23,375				x		
Seitz, Frederick	Rockefeller U; d03/02/08	C	C	C	C	C	D	D	D	D	D	D	D	D		\$2,500	\$200	x		x		x
Spencer, Roy	UAH													D								
Sproull, Robert L	U Rochester (ret)						D	D	D	D	D	D	D	D								
Starr, Chauncey	EPRI; d04/18/07		D	D	D	D	D	D	D	D	D	D	D			\$1,000				X		x
Staff (*)	# BoD Members:	4	8	8	8	8	12	13	12	13	12	11	10	8	7	\$187,800	\$6,815					
Kueter, Jeffrey *	ED/Pres GMI, 03/30/02-							e	e	e	p	p	p	p	p							
Salmon, Jeffrey *	ED 1991-04/01		e	e	e													x	x	x		
Herlong, Mark*	Program Director				x	x	x	x	x	x	x	x	x	x	x							
Wallis, Lynn*	VO Operations						x	x	x	x	x	x	x	x	x							
Crawford, Matthew *	ED 09/01/01-01/24/02+						e															
Baliunas, Sallie *	Sr Scientist	?	S	S																		
Soon, Willie *	Res Assoc, Visiting Sci 10/00-	?		S	S	S	S	S														
Logan Wright*	H. B. Earhart Fellow 04/00-07/00			X	X																	
James Mazol*	Research Associate													x								
Schwartz, Rachel*	Koch Foundation Associate													X								

Following expands the funding in Table A6.1(a) by year. Almost all money comes from contributions, of which 41-75% are via the “Top-10” foundations plus ExxonMobil.

*This identifies about 60% of the revenue claimed. Might it be interesting to know the other 40%?*

*One might guess that aerospace+defense is included somewhere, given GMI's interest. There may be more oil companies, given O'Keefe's background. Certainly, after he became President/CEO, ExxonMobil funded more. Funders do not always routinely write the same checks every year, although results should not be over-interpreted, given partial and missing data. Presumably fundees must show accomplishments each year.*

*Would it be interesting to see the presentations to funders seeking money?.*

**Funding:** Long-term support primarily from SSF and L&H Bradley (A.6.1(a)), recent ExxonMobil.

Table A.3.GMI.3 GMI Funding [MMAN]

Salmon (to DOE)				O'Keefe (ex-API)								Totals
\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Exxon-MMAN				60		95	170	115	85	115		640
Foundations	320	345	345	410	360	295	360	485	380	420		3720
Unknown	139	155	333	168	233	294	234	201	499	202	834	2458
Max Revenue	459	500	678	638	593	684	764	801	964	737	834	6818
ExxonMobil-%	0%	0%	0%	9%	0%	14%	22%	14%	9%	16%	0%	9%
Foundations %	70%	69%	51%	64%	61%	43%	47%	61%	39%	57%	0%	55%
Unknown %	30%	31%	49%	26%	39%	43%	31%	25%	52%	27%	100%	36%

**Founder's Award – who gets honored, who pays?**

Unlike **AnnapCtr**, which seemed mostly to honor politicians, these honor more **GMI** people:

[www.marshall.org/subcategory.php?id=45](http://www.marshall.org/subcategory.php?id=45)

[web.archive.org/web/20061130000053/www.marshall.org/pdf/materials/383.pdf](http://web.archive.org/web/20061130000053/www.marshall.org/pdf/materials/383.pdf)

“The Marshall Institute’s *Founders Award* recognizes outstanding individuals for their contributions to science, public policy, and public service. Previous recipients of the Founders Award include:

2004 ★ Dr. Frederick **Seitz**

2004 ★ Dr. Robert **Jastrow**

2005 ★ Dr. James **Schlesinger**”

2006 President George W. Bush (he actually ended up not attending)

“to President George W. Bush to honor his contributions to American security and prosperity.”

[web.archive.org/web/20070614210315/www.marshall.org/article.php?id=390](http://web.archive.org/web/20070614210315/www.marshall.org/article.php?id=390)

2007 Dr. David Abshire

2008 Dr. Bruce N. **Ames**

2009 Dr. John S. Foster, Jr.

[web.archive.org/web/20061129235601/www.marshall.org/pdf/materials/387.pdf](http://web.archive.org/web/20061129235601/www.marshall.org/pdf/materials/387.pdf) 2005 Awards Dinner:

“In hosting the 2005 Annual Awards dinner, the Institute was generously supported by the **ExxonMobil** Corporation, The Boeing Company, **TechCentral Station**, UST Public Affairs, Frank W. Ward, Federal Legislative Associates and Dunn's Foundation, and aided by the exemplary work of the Dinner Committee headed by Senator Mike Enzi of Wyoming and Representative Curt Weldon of Pennsylvania.”

Who are those other people?

UST Public Affairs is a lobbying firm, whose top activity seems to have been tobacco:

[www.implu.com/lobby\\_client/1357](http://www.implu.com/lobby_client/1357)

[www.opensecrets.org/lobby/firmsum.php?lname=UST+Public+Affairs&year=2008](http://www.opensecrets.org/lobby/firmsum.php?lname=UST+Public+Affairs&year=2008)

Federal Legislative Associates “provides governmental and public relations services”; **O’Keefe** is a member.

[www.fedgovlink.com/members.shtml](http://www.fedgovlink.com/members.shtml)

Mike Enzi (R-WY) is ranked sixth-most conservative Senator by National Journal. His top industry contributor is “oil&gas”:

[en.wikipedia.org/wiki/Mike\\_Enzi](http://en.wikipedia.org/wiki/Mike_Enzi)

[www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00006249&type=I](http://www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00006249&type=I)

Curt Weldon (R-PA) was a moderately conservative Representative, and worked to promote national missile defense, with strong ties to Boeing. Defense&Aerospace was #1 funder:

[en.wikipedia.org/wiki/Curt\\_Weldon](http://en.wikipedia.org/wiki/Curt_Weldon)

[www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00001535&type=I](http://www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00001535&type=I)

[www.marshall.org/article.php?id=667](http://www.marshall.org/article.php?id=667) 2009 dinner announcement

[www.marshall.org/pdf/materials/664.pdf](http://www.marshall.org/pdf/materials/664.pdf) 2009 dinner committee is interesting including representatives from Ball Aerospace, **Heritage**, **AEI**, Marathon Oil, Boeing, and Mitre.

In **[SAI2007]** p.23, **Said** says “Invitations – Good ones”

“We were invited to participate in a workshop by the Marshall Institute – anti anthropogenic global warming.”

**GMU \$n – George Mason University (-) 501(c)3**

[www.gmu.edu](http://www.gmu.edu) 3401 Fairfax Dr, Arlington, VA

[www.sourcewatch.org/index.php?title=George\\_Mason\\_University](http://www.sourcewatch.org/index.php?title=George_Mason_University)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/541/541603842/541603842\\_200806\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/541/541603842/541603842_200806_990.pdf)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/546/546063258/546063258\\_200806\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/546/546063258/546063258_200806_990.pdf)

**GMU** has both a large **GMU** Foundation, and a much smaller Instructional Foundation, both 501(c)3.

Unlike most organizations listed here, **GMU** is clearly not generally an anti-science advocacy organization.

For example, [YAL2009] seems useful work. The **GMU**-heavy composition of the **Wegman** Panel makes

it relevant and **Singer** was long associated with one of its Institutes. **GMU**, **InstHumn** (Institute for

Humane Studies), **Mercatus Center**, and **STATS** receive funding from foundations listed in A.2.

See also **SIPP1993**, organized by **Singer** with **GMU**'s International Institute, of which **GMI** Board

member **Moore** was Director. [www.sepp.org/Archive/conferences/conferences.html](http://www.sepp.org/Archive/conferences/conferences.html)

**Michaels** has recently become a Distinguished Senior Fellow.

**GWPF n – Global Warming Policy Foundation (UK) (O6c) Charity**

[www.thegwpf.org](http://www.thegwpf.org)

[www.charity-commission.gov.uk/ShowCharity/RegisterOfCharities/CharityFramework.aspx?RegisteredCharityNumber=1131448&SubsidiaryNumber=0](http://www.charity-commission.gov.uk/ShowCharity/RegisterOfCharities/CharityFramework.aspx?RegisteredCharityNumber=1131448&SubsidiaryNumber=0)

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc2702.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc2702.htm)

**People:** **Lawson** (**Monckton** in-law), **Peiser**; Advisors **Dyson**, **Lindzen**, **Plimer**.

This was incorporated 07/12/09, and registered 09/01/09, but really seemed to launch with Climategate November 2009. **Lawson** is the Chairman of the Board (see **Monckton** as well). **Peiser** is the Director.

“The Global Warming Policy Foundation (GWPF) is an all-party and non-party think tank and a registered educational charity. Our main purpose is to bring reason, integrity and balance to a debate that has become seriously unbalanced, irrationally alarmist, and all too often depressingly intolerant.”

*It seems akin to SPPI (where Monckton is heavily involved): ~one actual employee, a website, a set of advisors, and unknown funding. British citizens would likely recognize many of the Board and Advisors.*

Its “Classification, Who, and How” categories are worth reading. Its Charitable Object is stated as:

“To advance the public understanding of global warming and of its possible consequences, and also of the measures taken or proposed to be taken in response to it, including by means of the dissemination of the results of the study of, and research into

a The sciences relevant to global warming

b Its impact upon the environment, economies and society

c And the above-mentioned measures”

*The reader might peruse the website and see how well this matches.*

**Heartland T\$ – Heartland Institute (O6a) 501(c)3**

[www.heartland.org](http://www.heartland.org) 19 South LaSalle St Chicago, IL

[www.globalwarmingheartland.org/experts.html](http://www.globalwarmingheartland.org/experts.html) “Global Warming Experts”

[www.sourcewatch.org/index.php?title=Heartland\\_Institute](http://www.sourcewatch.org/index.php?title=Heartland_Institute)

[|www.exxonsecrets.org/html/orgfactsheet.php?id=41](http://www.exxonsecrets.org/html/orgfactsheet.php?id=41)

[www.desmogblog.com/Heartland-institute-and-academy-tobacco-studies](http://www.desmogblog.com/Heartland-institute-and-academy-tobacco-studies)

[www.Heartland.org/article/25984/An\\_Open\\_Letter\\_to\\_the\\_Council\\_of\\_the\\_American\\_Physical\\_Society.html](http://www.Heartland.org/article/25984/An_Open_Letter_to_the_Council_of_the_American_Physical_Society.html)

[www.saschameinrath.com/files/HeartlandInstituteDonors2003.pdf](http://www.saschameinrath.com/files/HeartlandInstituteDonors2003.pdf)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/363/363309812/363309812\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/363/363309812/363309812_200812_990.pdf)

[mediamattersaction.org/transparency/organization/Heartland\\_Institute/financials](http://mediamattersaction.org/transparency/organization/Heartland_Institute/financials)

**Heartland** was founded in 1984, *and basically acts as a PR/lobbying entity*. It currently seems the most active of such in climate anti-science, with strong organizational/PR skills, and long-established lists of state and local legislative contacts.

**Activities:** **Heart#1, Heart#2, Heart#3, Heart#4, HeartExp#1, HeartExp#2, NIPCC.**

**Organizations:** CHC member, cooperation with numerous cosponsors of its Conferences, **Free Work.**

**People:** (President) **Bast**; too many others to list here, see **A.6.2.**

**Heartland** has recently become very active in climate anti-science activities, sponsoring conferences

**Heart#1, Heart#2, Heart#3** and soon **Heart#4.**

These are substantial events, and their funding is indeed unclear.

**Heartland** offers “Global Warming Expert” lists, which change over time..

**Heartland** (or whoever really paid for this) was generous to **Barton**’s staff, as it paid **\$9,586** for 6 of them to attend **Heart#2** in NYC: **Campbell, Carty, Kotschwar, Miller, Spencer** and **Spring.**

**Barton** was also generous to give 6 (*taxpayer-funded?*) staffers 2-4 days to visit NYC for this event.

[www.legistorm.com/trip/list/by/sponsor/id/11321/name/Heartland\\_Institute.html](http://www.legistorm.com/trip/list/by/sponsor/id/11321/name/Heartland_Institute.html)

[www.legistorm.com/trip/list/by/sponsor/id/11321/name/Heartland\\_Institute.html](http://www.legistorm.com/trip/list/by/sponsor/id/11321/name/Heartland_Institute.html)

**HeartExp#1**, is a *nicely*-produced “Legislator’s Guide to Global Warming Experts.” It says of Viscount Christopher Monckton:

“His 2008 article “Climate Sensitivity Reconsidered” appeared in the APS Forum, a peer-reviewed journal, and triggered international debate.” *It was not peer-reviewed, and APS said so.*

**Heartland**’s homepage shows rotating portraits of people, including Benjamin Franklin and Thomas Jefferson, who were fine scientists, among their other roles. *I wonder if they would approve.*

**Funding:** *Most Heartland funding is unknown, but it certainly has gotten a bit boost in recent years, coincident with a huge increase in climate anti-science efforts. In 2003, a list of its donors (but not amounts) was:*

[www.saschameinrath.com/files/HeartlandInstituteDonors2003.pdf](http://www.saschameinrath.com/files/HeartlandInstituteDonors2003.pdf)

Kevin Grandia at DeSmogBlog studied **Heart#2** funding, including the list of “cosponsors”

[www.desmogblog.com/research-sponsors-behind-heartlands-new-york-climate-change-conference](http://www.desmogblog.com/research-sponsors-behind-heartlands-new-york-climate-change-conference)

These included: **AIA, Atlas, CSCDGC, CFACT, CEI, FF, GMI, ICECAP, IPA, Lavoisier, OISM, SPPI, SEPP, YAF.** It is unclear whether or not sponsors actually provide resources or just names in support. **Heartland** does pay for attendance by some government employees.

**Funding:** It has a long history of tobacco funding, as can be found in the Tobacco Archives:

[legacy.library.ucsf.edu/action/search/basic?fd=0&q=Heartland+institute](http://legacy.library.ucsf.edu/action/search/basic?fd=0&q=Heartland+institute),

This includes pitches to tobacco companies praising its skills in PR and lobbying, and reports by tobacco companies of **Heartland**’s efforts on their behalf. However, it has recently been getting a boost in funding from *somewhere*.

**Table A.3.Heartland.1 Heartland Funding [MMAN]**

\$1,000s	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	Totals
<b>Exxon-MMAN</b>						93	100	119	115	0		427
<b>Foundations</b>	204	109	411	290	512	441	411	174	180	119		1835
<b>Unknown</b>					1042	1268	1505	4229	2452	5099	7783	15594
<b>Revenue</b>					1553	1801	2016	4521	2747	5217	7783	17855
<b>ExxonMobil-%</b>					0%	5%	5%	3%	4%	0%	0%	2%
<b>Foundations %</b>					33%	24%	20%	4%	7%	2%	0%	10%
<b>Unknown %</b>					67%	70%	75%	94%	89%	98%	100%	87%

**Heritage T\$n – Foundation (O6a) 501(c)3**

[www.heritage.org](http://www.heritage.org) 214 Massachusetts Ave NE Washington, DC

[www.sourcewatch.org/index.php?title=Heritage\\_Foundation](http://www.sourcewatch.org/index.php?title=Heritage_Foundation)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/237/237327730/237327730\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/237/237327730/237327730_200812_990.pdf)

[blog.heritage.org/2010/03/01/morning-bell-the-edifice-falls-2](http://blog.heritage.org/2010/03/01/morning-bell-the-edifice-falls-2)

[climateprogress.org/2010/03/05/heritage-foundation-loses-its-grip-on-reality-calls-science-%E2%80%98magic%E2%80%99/#more-20456](http://climateprogress.org/2010/03/05/heritage-foundation-loses-its-grip-on-reality-calls-science-%E2%80%98magic%E2%80%99/#more-20456)

**People:** Board includes Richard Mellon Scaife, Steve Forbes

*Heritage has not been so active in climate science as some others*, but it does help on occasion, ahs co-sponsored one Heartland conference and recently:

Mike Gonzalez, VP of Communications wrote recently:

“The IPCC’s turning of hypothesis into fact now looks less like the scientific process and more like the magician you paid \$50 an hour to pull flowers out of hats at your daughter’s birthday.”

**Hoover \$ – Hoover Institution (O6a) 1919-**

[www.hoover.org](http://www.hoover.org) @ Stanford U, CA

[en.wikipedia.org/wiki/Hoover\\_Institution](http://en.wikipedia.org/wiki/Hoover_Institution)

[www.sourcewatch.org/index.php?title=Hoover\\_Institution](http://www.sourcewatch.org/index.php?title=Hoover_Institution)

**People:** (various) **Ambrose, Baliunas, M.Lewis**

This conservative/libertarian thinkank is located on the campus of Stanford U, with which it coexists, *sometimes uneasily. It only occasionally seems to do anything with climate change. I would personally put it in a different intellectual league than many of these others, i.e., much more a center of real conservative intellectual thought and scholarship than a PR/lobbying entity for hire. It is mentioned primarily because formal association seems a fair indication of political viewpoint.*

**Hudson \$n – Hudson Institute (O6a) 501(c)3**

[www.hudson.org](http://www.hudson.org) 1015 15th Street, NW 6th Floor, Washington, DC

[www.sourcewatch.org/index.php?title=Hudson\\_Institute](http://www.sourcewatch.org/index.php?title=Hudson_Institute)

[www.sourcewatch.org/index.php?title=Dennis\\_Avery](http://www.sourcewatch.org/index.php?title=Dennis_Avery)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/131/131945157/131945157\\_200809\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/131/131945157/131945157_200809_990.pdf)

**People:** **Avery, Luntz, Singer**

Climate does not seem a particular focus, but Dennis **Avery** coauthored a recent book with **Singer**.

**Luntz** (author of famous advice about obscuring climate) is an Adjunct Fellow.

**ICECAP – International Climate and Environmental Change Assessment Project (O5)**

[www.icecap.us](http://www.icecap.us)

[www.sourcewatch.org/index.php?title=ICECAP](http://www.sourcewatch.org/index.php?title=ICECAP)

**Activities:** Website

**People:** **D'Aleo**; **Balling**, **Baliunas**, Thomas A. Birkland, Robert Carter, John Coleman, William Cotton, **de Freitas**, David Deming, Bob Durrenberger, Mel Goldstein, Vincent Gray, George D. Greenly, Jr, William Gray, **Horner**, Douglas V. Hoyt, Warwick Hughes, **C.Idso**, **S.Idso**, Zbigniew Jaworowski, Madhav Khandekar, **Legates**, Martin Livermore (**SiAll**), Joseph Luisi, Anthony Lupo, **Michaels**, H. Michael Mogil, Tad Murty, **O'Brien**, John E. Oliphant, Tom Victor Segalstad, **Singer**, **Spencer**, George Taylor, Hendrik Tennekes, Richard C. Willson.

**ICSC– International Climate Science Coalition (Canada) (O5c)**

[www.climatescienceinternational.org](http://www.climatescienceinternational.org)

[www.climatescienceinternational.org/index.php?option=com\\_content&view=article&id=15&Itemid=28](http://www.climatescienceinternational.org/index.php?option=com_content&view=article&id=15&Itemid=28)

[www.sourcewatch.org/index.php?title=International\\_Climate\\_Science\\_Coalition](http://www.sourcewatch.org/index.php?title=International_Climate_Science_Coalition)

This seems like follow-on or related to **NRSP**, **NZCSC**, and **ACSC**.

**Activities:** **Manhat2009**, with **Heartland**

**People:** Executive Director **Harris(CA)**; ScienceAdvisors: Willam Alexander (ZA), Scott Armstrong (US), **Ball** (CA), David Bellamy (UK), Andre Bijkerk (NE), Bob Carter (AU), Hans Erren (NE), Vincent Gray (NZ), Kesten Green (NZ), J. Herold (DE), Albert Jacobs (CA), Madhav L Khandekar (CA), William Kinninmonth (AU), R.W.J. (Bob) Kouffeld (NE), **Labohm**(NE), Jay Lehr(US), Marcel Leroux(FR), Fred Michel(CA), Nixls-Axel Morner(SE), **Stilbs**(SE), Gerrit van der Lingen(NZ); **De Freitas** (NZ), Willem de Lange (NZ), Tad Murty (CA).

PolicyAdvisors: Alan Gibbs (UK), Ferdinand Hoenlohe-Bartenstein(DE), Byran Leyland(NZ), Michael Limburg(DE), Owen McShane(NZ), John Mclean(AU), **Monckton**(UK), Viv Forbes(AU);

**Boehmer-Christiansen**(UK), Ian Castles(AU), Denis Dutton(NZ), David Henderson(UK).

*This basically looks like **Harris**, a website, a little help, and many people seen elsewhere.*

**InstHumn \$n – Institute for Humane Studies (at GMU) (O6) 501(c)3**

[www.theihs.org](http://www.theihs.org) 3301 Fairfax Dr, Arlington, VA

[www.sourcewatch.org/index.php?title=Institute\\_for\\_Humane\\_Studies](http://www.sourcewatch.org/index.php?title=Institute_for_Humane_Studies)

[www.sepp.org/about%20sepp/bios/singer/cvsfs.html](http://www.sepp.org/about%20sepp/bios/singer/cvsfs.html)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/941/941623852/941623852\\_200808\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/941/941623852/941623852_200808_990.pdf)

**People:** **Singer**

See discussion under **GMU**, this is not generally an anti-science advocacy organization. However, it is listed in **Table A.2.1**, and **Singer's** CV says:

“1994-2000 Distinguished Research Professor, Institute for Humane Studies at (GMU), Fairfax, VA”

**IPA – Institute for Public Affairs (Australia) (O6)**

[www.ipa.org.au/](http://www.ipa.org.au/)

[www.sourcewatch.org/index.php?title=Institute\\_of\\_Public\\_Affairs](http://www.sourcewatch.org/index.php?title=Institute_of_Public_Affairs)

[ipa.org.au/news/2066/climate-target-is-foolhardy](http://ipa.org.au/news/2066/climate-target-is-foolhardy)

**Organizations:** AEF, Lavoisier

**People:** Marohasy (via AEF)

**Junkscience – Junkscience.com (O5c)**

[junkscience.com](http://junkscience.com)

**Activities:** website

**Organizations:** (member) **CHC**

**People:** Milloy, after **TASSC**.

**Lavoisier – Lavoisier Group (Australia) (O6)**

[www.lavoisier.com.au](http://www.lavoisier.com.au)

[www.sourcewatch.org/index.php?title=Lavoisier\\_Group](http://www.sourcewatch.org/index.php?title=Lavoisier_Group)

[www.lavoisier.com.au/articles/climate-change-by-author.php](http://www.lavoisier.com.au/articles/climate-change-by-author.php)

**Organizations:** (member) CHC

This is supported by Australian mining. It offers articles by many people, but I haven't checked which are actually written for them, and which are just reprints, possibly without explicit permission.

**Manhattan T\$ – Manhattan Institute for Policy Research (O6a)**

[www.manhattan-institute.org](http://www.manhattan-institute.org) 52 Vanderbilt Ave NY, NY

[www.manhattan-institute.org/html/trustees.htm](http://www.manhattan-institute.org/html/trustees.htm)

[www.sourcewatch.org/index.php?title=Manhattan\\_Institute\\_for\\_Policy\\_Research](http://www.sourcewatch.org/index.php?title=Manhattan_Institute_for_Policy_Research)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/132/132912529/132912529\\_200712\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/132/132912529/132912529_200712_990.pdf)

**People:** Board: **Nichols**.

**Mercatus \$n – Mercatus Center (at GMU) (O6) 501(c)3**

[mercatus.org](http://mercatus.org) 3301 North Fairfax Drive Arlington, VA

[www.sourcewatch.org/index.php?title=Mercatus\\_Center](http://www.sourcewatch.org/index.php?title=Mercatus_Center)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/541/541436224/541436224\\_200808\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/541/541436224/541436224_200808_990.pdf)

This is not generally an anti-science advocacy organization, but is included for funding in **Table A.6.1**.

**National Post – Newspaper (O8) (Canada)**

[www.nationalpost.com](http://www.nationalpost.com)

[en.wikipedia.org/wiki/National\\_Post](http://en.wikipedia.org/wiki/National_Post)

[network.nationalpost.com/np/blogs/fpcomment/archive/tags/LawrenceSolomon/default.aspx](http://network.nationalpost.com/np/blogs/fpcomment/archive/tags/LawrenceSolomon/default.aspx)

[www.nationalpost.com/opinion/columnists/story.html?id=90f8dd19-4a79-4f8f-ab42-b9655edc289b](http://www.nationalpost.com/opinion/columnists/story.html?id=90f8dd19-4a79-4f8f-ab42-b9655edc289b)

**People:** **Harris, Solomon**

The **Post** has run many articles by Lawrence **Solomon** on climate-change deniers, gathered in his book **[SOL2008]**. Some such labeled have rather strongly objected. DC knows this one much better than I.

**NCPA \$n – National Center for Policy Analysis (O6a) 501(c)3**

[www.ncpa.org](http://www.ncpa.org) 12770 Coit Rd #800 Dallas, TX

[www.sourcewatch.org/index.php?title=National\\_Center\\_for\\_Policy\\_Analysis](http://www.sourcewatch.org/index.php?title=National_Center_for_Policy_Analysis)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/751/751804932/751804932\\_200809\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/751/751804932/751804932_200809_990.pdf)

**Organizations:** (member) CHC

**People:** **Ames** and **Legates** have been involved.

**NCPPR \$n – National Center for Public Policy Research (O6a)**

[www.nationalcenter.org](http://www.nationalcenter.org) 501 Capitol Court NE, #200, Washington, DC

[www.sourcewatch.org/index.php?title=National\\_Center\\_for\\_Public\\_Policy\\_Research](http://www.sourcewatch.org/index.php?title=National_Center_for_Public_Policy_Research)

[www.nationalcenter.org/Kyoto.html](http://www.nationalcenter.org/Kyoto.html)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521226614/521226614\\_200712\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521226614/521226614_200712_990.pdf)

**People:** **Crandall** has been an Adjunct Fellow.

**NRSP – National Resources Stewardship Project (Canada) 2006-2008 (O5)**

[en.wikipedia.org/wiki/Natural\\_Resources\\_Stewardship\\_Project](http://en.wikipedia.org/wiki/Natural_Resources_Stewardship_Project)

[sourcewatch.org/index.php?title=Natural\\_Resources\\_Stewardship\\_Project](http://sourcewatch.org/index.php?title=Natural_Resources_Stewardship_Project)

**Activities:** **BALI2007**

**Organizations:** (via **Harris**) **APCO**, **FoS**

**People:** **Harris**; “Allied experts” **Singer**, **Legates**, **Lindzen**, **Hayden**, among many.

**NZCSC –New Zealand Climate Science Coalition May 2006- (O5c)**

[www.climatescience.org.nz](http://www.climatescience.org.nz)

[www.sourcewatch.org/index.php?title=New\\_Zealand\\_Climate\\_Science\\_Coalition](http://www.sourcewatch.org/index.php?title=New_Zealand_Climate_Science_Coalition)

**People:** Vincent Gray(NZ), Gerrit J. van der Lingen(NZ), August Auer, Jr (NZ), Bob **Carter**(AU), Warwick H. Hughes (AU), Roger Dewhurst (NZ), David Bellamy (UK), Len Walker (?), Owen McShane (NZ), Bryce Wilkinson (NZ), Brian Leyland(NZ), Denis Dutton (NZ), David Henderson(UK), Terry Dunleavy(NZ), **de Freitas**(NZ), John Maunder (NZ), Willem de Lange(NZ).

[www.scoop.co.nz/stories/SC0607/S00026.htm](http://www.scoop.co.nz/stories/SC0607/S00026.htm)

**07/16/06:** *Lessons for NZ in reports of climate change* The **WR** propagated to NZ the next day.

“There are urgent and important lessons for New Zealand in a report released in Washington yesterday discrediting the Mann “hockey stick” graph which has under-pinned most of the claims of anthropogenic (man-made) global warming (AGW), according to Rear Admiral Jack Welch, chairman of the New Zealand Climate Science Coalition...”

**OISM n Oregon Institute of Science and Medicine (O6b) 501(c)3**

[www.oism.org](http://www.oism.org) 2251 Dick George Rd, Cave Junction, OR

[dynamodata.fdncenter.org/990\\_pdf\\_archive/930/930814898/930814898\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/930/930814898/930814898_200812_990.pdf)

See **OISM1998**.

*It would be interesting to know who actually paid for that project.*

**PLF T\$n – Pacific Legal Foundation (O6a) 501(c)3**

[community.pacificlegal.org/Page.aspx?pid=183](http://community.pacificlegal.org/Page.aspx?pid=183) 3900 Lennane Dr Suite 200 Sacramento, CA

[www.sourcewatch.org/index.php?title=Pacific\\_Legal\\_Foundation](http://www.sourcewatch.org/index.php?title=Pacific_Legal_Foundation)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/942/942197343/942197343\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/942/942197343/942197343_200812_990.pdf)

This is located in Sacramento, CA, *and is an advocacy organization, despite the name.*

**PRI T\$n – Pacific Research Institute for Public Policy (O6a) 501(c)3**

[liberty.pacificresearch.org](http://liberty.pacificresearch.org) One Embarcadero Center, San Francisco, CA

[www.sourcewatch.org/index.php?title=Pacific\\_Research\\_Institute](http://www.sourcewatch.org/index.php?title=Pacific_Research_Institute)

**Organizations:** member CHC.

**Reason T\$n – Reason Foundation (O6a) 501(c)3**

[reason.org](http://reason.org) 3415 S. Sepulveda Blvd, Los Angeles, CA

[www.sourcewatch.org/index.php?title=Reason\\_Foundation](http://www.sourcewatch.org/index.php?title=Reason_Foundation)

*It is an advocacy organization, despite the name.*

**SciAll – Scientific Alliance (UK) (O5c)**

[www.scientific-alliance.org](http://www.scientific-alliance.org) St John’s Innovation Centre, Cowley Rd, Cambridge, UK

[www.guardian.co.uk/uk/2007/oct/14/schools.film](http://www.guardian.co.uk/uk/2007/oct/14/schools.film)

**People:** Martin Livermore; (Scientific Advisory Board) **Boehmer-Christiansen; Monckton** cooperation in 2007.

This has existed for a while, but has not seemed very active, especially compared to the recent **GWPF**.

**SEPP T\$n – Science and Environmental Policy Project (O6c) 501(c)3**

[www.sepp.org](http://www.sepp.org) 1600 S. Eads St, #712-S, Arlington, VA

[www.sourcewatch.org/index.php?title=Science\\_and\\_Environmental\\_Policy\\_Project](http://www.sourcewatch.org/index.php?title=Science_and_Environmental_Policy_Project)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/541/541645372/541645372\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/541/541645372/541645372_200812_990.pdf) 2008

[rabett.blogspot.com/2008/12/hard-times-s.html](http://rabett.blogspot.com/2008/12/hard-times-s.html), which usefully noted:

**Singer** got paid \$143K for **NIPCC2008**, p.8.

[www.sepp.org.org/about%20SEPP/boarddir.html](http://www.sepp.org.org/about%20SEPP/boarddir.html)

**Activities, Organizations, People:** too numerous to list here, see **A.6.2(a)**.

**SEPP**, founded in 1990, has generally been composed of **Singer** and wife (1990-1999, separated, then divorced) **Crandall**, with a little help from others. **Seitz** was Chairman, and **Starr** and **Nierenberg** were Science Advisors. Oddly, as of 10/21/09, although deceased, all 3 were still listed:

**SEPP** has long been close ally of **GMI**, except with more funding flexibility. *It seems like a way to do any sort of consulting with lower taxes, no accountability, and an impressive name.*

See **[HOG2009]** Chapter eight, “Denial by the pound” regarding “petition science” as such petitions are hardly new. **Singer** has been involved in creating such petitions since 1992, often with others listed here.

**Singer** has strong ties to similar organizations in Europe, especially in The Netherlands and Sweden.

**SPPI ? – Science and Public Policy Institute (O6c) mid-2007-**

[scienceandpublicpolicy.org](http://scienceandpublicpolicy.org) 209 Pennsylvania Ave. SE Suite 299 Washington, D.C. or Haymarket, VA  
[www.sourcewatch.org/index.php?title=Science\\_and\\_Public\\_Policy\\_Institute](http://www.sourcewatch.org/index.php?title=Science_and_Public_Policy_Institute)  
[scienceandpublicpolicy.org/our\\_mission.html](http://scienceandpublicpolicy.org/our_mission.html)

“(SPPI) is a nonprofit institute of research and education dedicated to sound public policy based on sound science. Free from affiliation to any corporation or political party, we support the advancement of sensible public policies for energy and the environment rooted in rational science and economics. Only through science and factual information, separating reality from rhetoric, can legislators develop beneficial policies without unintended consequences that might threaten the life, liberty, and prosperity of the citizenry....

SPPI meets its educational objectives through timely online publication of white papers, peer-reviewed reprints, personal briefings, PowerPoint presentations, blog entries, news stories and other educational materials containing editorials on topics of current concern and digests of recently published peer-reviewed scientific journal articles and books.”

**Activities:** A.Oreskes, Monckton APS FPS 2008, APS2009 (maybe), A.GATE, A.CRU.Parl.

**People:** (president) **Ferguson**; (Chief Policy Advisor) **Soon**; (Chief Science Advisor) **Monckton**; (Science Advisors) William Kinninmonth (AU), **Carter** (AU), **D’Aleo**, **C.Idso**, **Legates**, **O’Brien**. Authors of SPPI “Originals”: **Scafetta** (03/04/10), **D’Aleo and Watts** (01/23/10), John McLean (11/20/09), David Evans (10/27/09, **Nova’s** husband), Nils-Axel Morner (10/22/09), **Nova** (09/24/09), **Nova** (07/22/09), David Evans (07/22/09), David Evans (07/03/09), **D’Aleo** (06/05/09), **Nova** (02/02/09), **D’Aleo** (01/22/09), **C.Idso** (01/12/09), **Knappenberger** (10/31/08), John McLean (07/15/08), Richard S. Courtney (03/12/08), John McLean (11/09/07), **D’Aleo** (10/14/07), John McLean (09/07/07, 09/06/07), **D’Aleo** (07/20/07), **Carter** (07/19/07), plus numerous pieces by **Monckton**, **Ferguson**, **SPPI**, and “**Staff**”, of which the last two are probably other names for **Ferguson**.

**Organizations:** FF/CSPP (CHC member) → **SPPI**, since **Fergusons** was ~CSPP.

**Funding:** unknown, but **Ferguson** may well have brought **ExxonMobil** funding from FF/CSPP.

This “institute” seems to be one person, Robert **Ferguson**, his website, plus advisors. Think of it as a recent startup seeking to gain attention and funding. It is certainly a US outlet for **Monckton**. It seems akin to **GWPF** or **SEPP**, for example. **Ferguson** had set up an **ExxonMobil**-funded effort **FF/CSPP** 2003-2007, then spun off **SPPI** himself. Those who write “*SPPI Original*” reports may get paid or may even help fund **SPPI**, perhaps. Alternatively, some may be thrilled to publish their work anywhere, since most of it seems unlikely to pass peer review elsewhere.

**SPPI** played a large role in a **Monckton** attack on Naomi Oreskes in 2007[MAS2008]. It was somewhat involved in **APS2009**, reprinting a **Gould** APS-NES piece, via the connection of Viscount Christopher **Monckton’s** article in APS FPS in 2008, and use of quotes from **Gould** to support that:

[scienceandpublicpolicy.org/commentaries\\_essays/critical\\_warming\\_perspective.html](http://scienceandpublicpolicy.org/commentaries_essays/critical_warming_perspective.html)

[scienceandpublicpolicy.org/press/proved\\_no\\_climate\\_crisis.html](http://scienceandpublicpolicy.org/press/proved_no_climate_crisis.html)

Also, **SPPI** published a web piece by **Cohen**, 08/06/08

[scienceandpublicpolicy.org/commentaries\\_essays/IPCC\\_s\\_case\\_for\\_anthropogenic\\_global\\_warming.html](http://scienceandpublicpolicy.org/commentaries_essays/IPCC_s_case_for_anthropogenic_global_warming.html)

[scienceandpublicpolicy.org/reprint](http://scienceandpublicpolicy.org/reprint) is the **SPPI** “Reprint Series”

[scienceandpublicpolicy.org/images/stories/papers/reprint/alt\\_explanation.pdf](http://scienceandpublicpolicy.org/images/stories/papers/reprint/alt_explanation.pdf) Klotzbach, et al

[scienceandpublicpolicy.org/reprint/east\\_anglia\\_climate\\_data.html](http://scienceandpublicpolicy.org/reprint/east_anglia_climate_data.html) IOP to Parliament in UK

Did **Ferguson** get permission from the authors for all those needed? (Klotzbach, Pielke, Pielke, **Christy**, McNider) is copyright American Geophysical Union, but perhaps one of the authors got permission.

Did the IOP give permission to wrap their PDF with **SPPI** logos and publish it?

[www.merriam-webster.com/dictionary/institute](http://www.merriam-webster.com/dictionary/institute) Merriam-Webster says of noun “institute”:

“**b** : an organization for the promotion of a cause : [association](#) <a research institute> <an institute for the blind>

**c** : an educational institution and especially one devoted to technical fields”

**SPPI** could be **b**, but does it do “*Science*”? Or does it do “*Science Bypass*” to affect public policy?

**Springer – Publisher (O8)**

[www.springer.com](http://www.springer.com)

[www.praxis-publishing.co.uk](http://www.praxis-publishing.co.uk)

**People: Mason**

**Springer** is a major and generally credible publisher of science books, not an anti-science advocacy group, but its *Praxis division (UK)*, has been publishing occasional climate anti-science. See **Mason** for details.

This seems odd, perhaps a process breakdown somewhere. I reviewed a Praxis book favorably:

[www.amazon.com/Measuring-Universe-Cosmological-Distance-Exploration/dp/1852331062/ref=sr\\_1\\_1?ie=UTF8&s=books&qid=1244851122&sr=8-1](http://www.amazon.com/Measuring-Universe-Cosmological-Distance-Exploration/dp/1852331062/ref=sr_1_1?ie=UTF8&s=books&qid=1244851122&sr=8-1) but some of the climate books have not seemed good.

**STATS \$n – Statistical Assessment Service - GMU (O5c?) 501(c)3**

[www.stats.org](http://www.stats.org) 2100 L St, NW, Washington, DC

[www.sourcewatch.org/index.php?title=Statistical\\_Assessment\\_Service](http://www.sourcewatch.org/index.php?title=Statistical_Assessment_Service)

[exxonsecrets.org/html/orgfactsheet.php?id=84](http://exxonsecrets.org/html/orgfactsheet.php?id=84)

[stats.org/stories/2008/can\\_trust\\_climate\\_models\\_apr23\\_08.html](http://stats.org/stories/2008/can_trust_climate_models_apr23_08.html)

[stats.org/stories/2008/global\\_warming\\_survey\\_apr23\\_08.html](http://stats.org/stories/2008/global_warming_survey_apr23_08.html)

**People: Baliunas** was an Advisor

**Organizations: CMPA**, with whom **STATS** shares some people and an address.

I do not know this one well enough to understand exactly what it does – at first glance, some looks reasonable. This may be mixed like **ELC**. Its funders are familiar, though.

**StockInit – Stockholm Initiative (Sweden)**

This seems to be a continuing organization, started for petition to UN COP15.

[www.stockholminitiative.com/aktuelle/nyhetsbrev/swedes-take-full-responsibility-for-political-hy](http://www.stockholminitiative.com/aktuelle/nyhetsbrev/swedes-take-full-responsibility-for-political-hy)

This group has 100% certainty about climate science, although climate scientists seem to be lacking.

[www.stockholminitiative.com/eng/about-us/vision](http://www.stockholminitiative.com/eng/about-us/vision)

“Points for media

Contemporary climate changes are neither unique nor alarming.

No relation between carbon dioxide concentrations and climate changes has been verified.

There is no scientific consensus regarding the role of carbon dioxide as a dominant climate driver.

The climate models on which the climate alarms are based are of no value for making predictions.

Ongoing and planned climate policies have catastrophic side effects such as environmental damage, starvation and poverty for the world's poorest.”

[www.stockholminitiative.com/eng/about-us/who-we-are](http://www.stockholminitiative.com/eng/about-us/who-we-are)

It has 4 Directors, usually “active in climate politics”, including Gorab Ahlgren (organic chemist), Jonny Fagerström (Lt. Colonel in Swedish Armed Forces), Per Welanders (electronics entrepreneur), and:

**Maggie Thauersköld**, Copywriter and advertisement project leader. Owner of the blog "The Climate Scam".

Maggie is coauthor with Lars Bern to the book *Chill-out, the truth about the climate swindle*.”

[scienceblogs.com/stoat/2010/03/weird\\_stuff\\_from\\_the\\_swedes.php](http://scienceblogs.com/stoat/2010/03/weird_stuff_from_the_swedes.php)

**Activities:** Petition; **A.GATE**, **A.CRU.Parl**.

**People:** (Director) **Thauersköld**, (Advisor) NMR physical chemist **Stilbs** organized **Stock2006**, connected with **Singer**, others.

**TASSC T\$ – The Advancement of Sound Science Coalition (1993-?)**

[en.wikipedia.org/wiki/Advancement\\_of\\_Sound\\_Science\\_Center](http://en.wikipedia.org/wiki/Advancement_of_Sound_Science_Center)

[www.sourcewatch.org/index.php?title=The\\_Advancement\\_of\\_Sound\\_Science\\_Coalition](http://www.sourcewatch.org/index.php?title=The_Advancement_of_Sound_Science_Coalition)

[web.archive.org/web/19980112135753/www.tassc.org/html/about/board.html](http://web.archive.org/web/19980112135753/www.tassc.org/html/about/board.html)

Advisors included **Seitz, Michaels, Ames**

[www.sourcewatch.org/index.php?title=Scientific\\_Advisory\\_Board](http://www.sourcewatch.org/index.php?title=Scientific_Advisory_Board)

Founding member scientists included **Enstrom**. **Singer** certainly was heavily involved:

[tobaccodocuments.org/landman/158433.html](http://tobaccodocuments.org/landman/158433.html)

[legacy.library.ucsf.edu/action/search/basic?fd=0&q=tassc+fred+singer](http://legacy.library.ucsf.edu/action/search/basic?fd=0&q=tassc+fred+singer)

[web.archive.org/web/19980112135753/www.tassc.org/html/about/board.html](http://web.archive.org/web/19980112135753/www.tassc.org/html/about/board.html)

[mediamattersaction.org/transparency/organization/Advancement\\_of\\_Sound\\_Science\\_Center/funders](http://mediamattersaction.org/transparency/organization/Advancement_of_Sound_Science_Center/funders)

(There it is labeled Advancement of Sound Science Center)

**People: Milloy; Ames, Enstrom, Michaels, Seitz, Singer**

It started as a front for Philip Morris, set up not by their usual PR firm, but by another, **APCO**, and gave Steve **Milloy** a career boost. Its general approach labeled any inconvenient science as “junk science.”

Either reference above lists **TASSC** funders, primarily tobacco and petroleum companies, with some chemical companies and a few others, including *somewhat oddly*, **LLNL**. **TASSC** was strongly connected to **CATO** via **Milloy**, and Michael Gough of **CATO** was on the Advisory Board. *It is a classic example of tobacco companies trying to “hide in the crowd” of general anti-science.*

**TASSC** also released petitions asking to defer air quality standards and opposing Kyoto.

[legacy.library.ucsf.edu/tid/any77d00/pdf](http://legacy.library.ucsf.edu/tid/any77d00/pdf)

**TCS \$ –TechCentral Station (O9) 2002-**

**(~Tech Central Science Foundation in [MMAN] and 990)**

[www.techcentralstation.com](http://www.techcentralstation.com) 1828 L St NW 400, Washington, DC

[www.sourcewatch.org/index.php?title=Tech\\_Central\\_Station](http://www.sourcewatch.org/index.php?title=Tech_Central_Station)

[www.exxonsecrets.org/html/orgfactsheet.php?id=112](http://www.exxonsecrets.org/html/orgfactsheet.php?id=112)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/412/412066654/412066654\\_200712\\_990EZ.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/412/412066654/412066654_200712_990EZ.pdf)

**People:** a very long list.

**Organizations:** This was set up by **DCI**, *specialists in creating fronts and astroturf organizations.*

**The Australian – National newspaper (Australia) (O8)**

[www.theaustralian.com.au](http://www.theaustralian.com.au)

[www.sourcewatch.org/index.php?title=The\\_Australian](http://www.sourcewatch.org/index.php?title=The_Australian)

[scienceblogs.com/deltoid](http://scienceblogs.com/deltoid)

[scienceblogs.com/deltoid/the\\_war\\_on\\_science](http://scienceblogs.com/deltoid/the_war_on_science)

Tim Lambert posts a running series “*The Australian’s War on Science NN*,” where NN = 47as of 03/09/10.

Like the Times in UK, and **WSJ** in US, this is owned by Rupert Murdoch’s News Corp.

**TII T\$ –(The) Independent Institute (O6a)**

[www.independent.org](http://www.independent.org) 100 Swan Way, Oakland, CA & 1319 18<sup>th</sup> St NW, Washington, DC

[www.sourcewatch.org/index.php?title=Independent\\_Institute](http://www.sourcewatch.org/index.php?title=Independent_Institute)

[www.sourcewatch.org/index.php?title=The\\_Independent\\_Institute/Personnel](http://www.sourcewatch.org/index.php?title=The_Independent_Institute/Personnel)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/943/943008370/943008370\\_200806\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/943/943008370/943008370_200806_990.pdf)

**People:** **Singer** has long been associated, was/is a Research Fellow.

**TIRC – Tobacco Industry Research Committee (1953-1964),  
CTR – Council for Tobacco Research (1964-1999) (O5b)**

[www.sourcewatch.org/index.php?title=Tobacco\\_Industry\\_Research\\_Committee](http://www.sourcewatch.org/index.php?title=Tobacco_Industry_Research_Committee)

[www.sourcewatch.org/index.php?title=Council\\_for\\_Tobacco\\_Research](http://www.sourcewatch.org/index.php?title=Council_for_Tobacco_Research)

[www.tlaonline.com/HKWIS/hksplash.htm](http://www.tlaonline.com/HKWIS/hksplash.htm)

[www.tlaonline.com/HKWIS/0302.pdf](http://www.tlaonline.com/HKWIS/0302.pdf)

These pioneered the existence of sophisticated PR/lobbying entities with attached scientific advisory boards to provide science-appearing support for doubt and confusion. See SABs at beginning of section. See [BRA2007] and discussion above of May 1954 memo from Hill and Knowlton, “A Scientific Perspective on the Cigarette Controversy”, which quoted many people, in arguments from authority: [legacy.library.ucsf.edu/tid/wye21a00/pdf](http://legacy.library.ucsf.edu/tid/wye21a00/pdf)

The main arguments can be summarized (as from *SourceWatch* CTR article):

- The evidence is still inconclusive.
- Something other than smoking may be responsible.
- Statistical evidence can’t be trusted.
- It’s all a scare campaign.
- The issue is too complicated, even for scientists.
- Nit-picking at irrelevant details.
- More research is necessary.

*This is a manual of style for most environmental anti-science campaigns since then. Some think tanks have long worked with tobacco companies, but seemed to take on a bigger percentage of the campaign as CTR was disbanded. Think tanks offered more anonymity as well. A think tank could promote free enterprise, “sound science”, fight against every environmental restriction (whether a particular one was reasonable or not, as they have varied). Tobacco advocacy could easily “hide” amongst those, much easier than in tobacco-specific TIRC/CTR. TASSC is a good example of a tobacco-initiated effort like this. Many think tanks have tobacco connections, taking money to help addict children, the main way of getting customers for life. I am not sure what is American about that, but they often feature flags or eagles.*

**UofR-Phys –University of Rochester Physics Department**

The University of Rochester is certainly not an anti-science advocacy organization, and *I believe it has a credible physics department*. However, when studying APS2009, I was struck by the nexus of connections at UofR-Phys, shown in a box on [MAS2009, p.38]. **Sproull, Douglass, Knox** and Bodek were members of the Physics department, and other signers had plausible connections.

One GCSCT tactic was:

“Identify, recruit and train a team of five independent scientists to participate in media outreach. These will be individuals who do not have a long history of visibility and/or participation in the climate change debate.”

In 1999, after a long career in other (unrelated to climate) areas of Physics, **Knox** started publishing climate-related articles, later joined by **Douglass**, writing in various combinations, sometimes with **Christy, Michaels**, or **Singer**. *Is this just coincidence, or was this GCSCT/GMI recruitment by Sproull?*

**Knox** and **Douglass** hosted **Monckton** to speak to the Department, which he at least said was challenging: [www.aps.org/units/fps/newsletters/200807/monckton.cfm](http://www.aps.org/units/fps/newsletters/200807/monckton.cfm)

Their papers have often been refuted rather quickly, but are often heavily referenced by climate anti-science advocates. **Douglass** and **Christy** have begun extra-science attacks on Ben Santer, **A. Santer**.

**People:** (in Department) **Douglass, Knox, Sproull**; (Co-authors) **Christy, Michaels, Singer, Monckton**.

**WCR \$ – World Climate Report (O9) 1995-**

[www.worldclimatereport.com](http://www.worldclimatereport.com)

[www.sourcewatch.org/index.php?title=World\\_Climate\\_Report](http://www.sourcewatch.org/index.php?title=World_Climate_Report)

**People:** Michaels, Balling, Davis, Knappenberger (current); Baliunas (past)

TASSC announced it, mentioning Michaels as TASSC member.

[legacy.library.ucsf.edu/tid/qs180c00](http://legacy.library.ucsf.edu/tid/qs180c00)

**Funding:** This used to be GES (front for WFA), *perhaps is now direct from WFA?*

**WFA \$ – Western Fuels Association (O5a)**

Coal producers, founded GES. See [ORE2008b] for discussion of their marketing campaigns.

[www.westernfuels.org/index.cfm](http://www.westernfuels.org/index.cfm) HQ: 1100 West 116th Avenue, Westminster, CO

[www.sourcewatch.org/index.php?title=Western\\_Fuels\\_Association](http://www.sourcewatch.org/index.php?title=Western_Fuels_Association)

**Organizations:** GES, WCR

**WLF T\$n – Washington Legal Foundation (O6a) 501(c)3**

[www.wlf.org](http://www.wlf.org) 2009 Massachusetts Ave, NW, Washington, DC

[www.sourcewatch.org/index.php?title=Washington\\_Legal\\_Foundation](http://www.sourcewatch.org/index.php?title=Washington_Legal_Foundation)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/521/521071570/521071570\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/521/521071570/521071570_200812_990.pdf)

**WSJ – Wall Street Journal (O8)**

WSJ is not generally an anti-science advocacy organization, but **WSJ OpEd** has long offered venues for climate anti-science, as against Ben Santer in 1996, printing Seitz's 6/12/06 OpEd, printing only part of Santer reply written with many other climate scientists, and then printing Singer's 06/20/06 Letter.

[ORE2010]. A.13 has a Partial list of **WSJ** OpEds and articles on climate. See **Regalado** regarding a crucial, but very unusual article. **WSJ** has recently been owned by Rupert Murdoch's News Corp, but OpEd climate anti-science goes much further back.

**Involvement:** 5: Wrote article or OpEd 4: Article about them, or Letter

**People:** Regalado; Lindzen, M&M, Michaels, Seitz, Singer

**YAF \$n – Young America's Foundation (O5c) 501(c)3**

[www.yaf.org](http://www.yaf.org) F.M.Kirby Freedom Center, 110 Elden St, Herndon, VA

[en.wikipedia.org/wiki/Young\\_America%27s\\_Foundation](http://en.wikipedia.org/wiki/Young_America%27s_Foundation)

[www.sourcewatch.org/index.php?title=Young\\_America%27s\\_Foundation](http://www.sourcewatch.org/index.php?title=Young_America%27s_Foundation)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/237/237042029/237042029\\_200412\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/237/237042029/237042029_200412_990.pdf)

President Ron Robinson made \$377K for running this in 2004, the last year for which a 990 form seems available. Most 501(c)3's have at least filed 2007, some have done 2008.

**YAFa \$ – Young Americans for Freedom (O5c) 501(c)(4)**

[www.yaf.com](http://www.yaf.com) 2300 M St, NW, Suite 800, Washington, DC

[www.sourcewatch.org/index.php?title=Young\\_Americans\\_for\\_Freedom](http://www.sourcewatch.org/index.php?title=Young_Americans_for_Freedom)

[dynamodata.fdncenter.org/990\\_pdf\\_archive/510/510386537/510386537\\_200712\\_990O.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/510/510386537/510386537_200712_990O.pdf) 2007

[www.yaf.com/news/details.php?newsId=591](http://www.yaf.com/news/details.php?newsId=591) Anti-Mann rally at PSU, 02/12/10.

The two above are related. **YAF** is much larger, *and might help fund YAFa..* The address above is the only one given for all Directors.

## A.4 Anti-Science Activities: Project, Petition, Conference, Report, Attack

**Introduction.** Petitions, declarations, open letters (or whatever they are called) are rarely intended to convince field scientists or organizations, but as PR to influence public and politicians. It is non-trivial to assess the actual scientific credibility of people on large lists, so organizers try to get people with PhDs or relevant-sounding titles, whether or not they actually have ever published any relevant research. Think tanks often have names with “Institute” in them, and often “Science,” so such are useful. Sometimes lists include people who totally disagree, are surprised to find they have been named, send angry letters to the organizers ... and often remain on the list. Some people signed, misunderstanding a petition, and would not sign today. For example, few scientists would disagree with “more research is needed” but sometimes that can be exploited to seem “We do not know enough to take any action, and we should wait until we are absolutely sure about everything ...thus, never.”

People also organize conferences advertised as climate science conferences, but are totally unlike normal conferences run by scientific societies. Most speakers have few if any peer-reviewed publications in the field. Everyone agrees that under no circumstances can CO<sub>2</sub> be restricted. They disagree whether or not warming is occurring, but do agree that if it is occurring, it is almost entirely natural and we should just adapt. Alternatively, any warming is part of natural cycle that is just about to return to cooler temperatures. They often disagree on the specific cause of any warming and sometimes support mutually-contradictory reasons. All agree that the IPCC is bad and that Al Gore is really bad, as though the latter was the basis of the science. All agree that there is no reason to actually do anything, except possibly adapt, or else welcome higher temperatures and CO<sub>2</sub> as beneficial. Sometimes petitions are generated in conjunction with conferences. See especially [HOG2009] Chapter 8, “Denial by the pound.”

Finally, the reader can easily find vague comments like “Climate scientists are only doing it for the money” or “IPCC reports are entirely political”, “alarmist James Hansen,” etc. Sometimes these turn into well-organized, long-sustained attacks even involving threats of physical violence, not from the organizers, but from those incited.

Jim Prall analyzes some petitions and signers in detail in his database:

[www.eecg.utoronto.ca/~prall/climate/skeptic\\_authors\\_table\\_by\\_clim.html](http://www.eecg.utoronto.ca/~prall/climate/skeptic_authors_table_by_clim.html)

Following are given in alphabetical order. **Table A.6.2** shows them in chronological order, and the longer lists, like the **Heartland** lists, are only shown there. The A.\* entries show long-term campaigns, often singling out specific people for attack, in order to cast doubt on the IPCC or climate science in general.

**A.CRU.Parl – 2010 negative letters on CRU, UK Parliament, 03/01/10.**

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/contents.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/contents.htm)

**People:** Boehmer-Christianen, Helmer, Keenan, Lawson, McIntyre (twice), McKittrick, Montford, Mosher, Thauerskold

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3902.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3902.htm)

One of the oddest outcomes of this was the IOP (Institute of Physics) kerfuffle. Science societies can be vulnerable to being “hijacked” by a few people with intense views, if review procedures are not strong enough, and more easily if the society’s main focus is on other topics. See **APS2009**, **ACS2009** for example. This is very recent, so the outcome is unclear, but *Stoat* had a fairly good collection and others offered good analyses:

[scienceblogs.com/stoat/2010/03/the\\_iop\\_fiasco.php](http://scienceblogs.com/stoat/2010/03/the_iop_fiasco.php) and later posts

[www.guardian.co.uk/environment/2010/mar/05/climate-emails-institute-of-physics-submission](http://www.guardian.co.uk/environment/2010/mar/05/climate-emails-institute-of-physics-submission)

[www.realclimate.org/index.php/archives/2010/03/a-mistaken-message-from-iop](http://www.realclimate.org/index.php/archives/2010/03/a-mistaken-message-from-iop)

[physicsworld.com/cws/article/news/41965](http://physicsworld.com/cws/article/news/41965) Concerns raised over IOP Climate Submission (IOP website)

*And as refreshing contrast, the RCS (Royal Chemistry Society) offered thoughtful comments in their original submission, more in the vein one expects from learned societies:*

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc4202.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc4202.htm)

**A.GATE – 2009- Collected “Gates” Attack on many**

[en.wikipedia.org/wiki/Climatic\\_Research\\_Unit\\_hacking\\_incident](http://en.wikipedia.org/wiki/Climatic_Research_Unit_hacking_incident)

This is especially used to attack East Anglia University’s Phil Jones (so might be called **A.Jones**), but has been extended to cover any scientist seemingly ever mentioned, including Mann and Santer. The **APS2009** organizers joined this 12/04/09, **A.12.3**.

**A.Hockey – 2001-now, Public Attack on Hockey Stick & IPCC (~2005)****A.HOCKX – 1998-2006, Behind-the Scenes, GCST to WR (~2006)**

(These both might be called **A.Mann**, as they developed. The main goal has seemed to be to discredit the IPCC and the hockey stick, i.e., probably as the latter was a simple graphic understandable by the public.

**A.Hockey** includes any unfounded public attacks on IPCC AR3 or over-interpretation of **M&M** papers, or later over-interpretation of the **WR**. It developed into a long-running attack on Michael Mann and to some extent merged into **A.GATE**. Numerous people have employed the meme “the hockey stick is broken” in some form. See **A.6.2**, Column **A.Hockey**. *It is very likely that I have missed quite a few. Rather than being a pillar of the IPCC, attacks on the hockey stick have been a pillar of climate anti-science.*

**A.HOCKX** includes those possibly involved in the recruitment of **M&M** and creation of the **WR**, 1998-2006. §5 covers this in detail, following the work of [DEE2010, DEE2010a]. *In accordance with the GCST plan and Luntz’s later advice, some new people were recruited, exposed to Washington, DC, and publicized, and then amplified via unusual actions of the US House and Wegman.*

**Activities:** evolved into a part of US.CONG.

**Organizations:** CEI, CHC, GMI, (possibly) Fraser, given McKittrick

**People:** Some (Wegman, Barton, Whitfield, Spencer, Ebell, McIntyre) almost certainly were involved in the 2005-2006 segment. The overall project (from either GCST or 2001 visit of McKittrick onwards) likely involved many more, including some likely not listed here, but likely including **Inhofe** and some staff, and various people with GMI and CEI.

*Attendee lists for GMI2003, GMI2005, and GMI2005a would be interesting, as would knowing the unnamed questioners in GMI2005a, and which, if any, House or Senate staffers were involved.*

It differs from many other activities, because it was a long-term, multi-phase project, and key elements seem designed to be hidden. *Some people (“X” in Figure A.6.2) seem likely to have been involved, by virtue of other activities, presence at key meetings, emails, etc. Some (“?”) might or might not have been involved, but might have known about this project, perhaps by organizational proximity. Only a real investigation could really determine this, so these simply indicate people that might be asked. See A.14.*

**A.Oreskes – 2005- Attacks on Naomi Oreskes**

This was occasioned by her 2004 *Science* essay about the state of scientific consensus on climate, and was detailed in [MAS2008]. The main goal has been to keep the public confused about the strength of the consensus among actual climate scientists regarding the core science issues. **Peiser** ran the first round in 2005, **Monckton** ran the second in 2007, both totally refuted, but the memes persist.

She is often characterized as a “history instructor,” “social scientist,” “history professor in a Gender Studies Department” (*especially laughable*), etc. Actually, she is a well-published geoscientist, BSc in Mining Geology from Imperial College, London, PhD in Geological Research and History of Science from Stanford U. She was an Assistant Professor of Earth Sciences at Dartmouth, and lately, a Provost at UCSD. She has done work on oceanography and evaluation of numerical models.

<http://historyweb.ucsd.edu/oreskes/pages/profile.html>

<http://historyweb.ucsd.edu/oreskes/pages/publication.html>

<http://historyweb.ucsd.edu/oreskes/pages/profile.html#awards>

*With all due respect to critics, their track records generally do not compare very well.* Many even have no relevant science background at all, like **Bast** (of “Gender Studies”).

**People:** **Peiser**, **Monckton**, Klaus-Martin-Schulte, **Ferguson**, but many others joined in, such as **GMI**: [www.marshall.org/pdf/materials/300.pdf](http://www.marshall.org/pdf/materials/300.pdf) “Build a Strawman, Then Knock it Down”, p.10

**A.Santer – 1996-now Attacks on Ben Santer**

[en.wikipedia.org/wiki/Benjamin\\_D.\\_Santer](http://en.wikipedia.org/wiki/Benjamin_D._Santer)

[www.desmogblog.com/douglass-and-christy-bad-science-disingenuous-commentary](http://www.desmogblog.com/douglass-and-christy-bad-science-disingenuous-commentary)

[www.realclimate.org/index.php/archives/2010/02/close-encounters-of-the-absurd-kind](http://www.realclimate.org/index.php/archives/2010/02/close-encounters-of-the-absurd-kind)

Santer is a distinguished climate scientist attacked in 1996 by **Michaels** in **WCR**, **GMI** (**Seitz**) via **WSJ** OpEds with help of **Singer**, and flurry of OpEds, letters, with no basis whatsoever [ORE2010].

This continues today, and Santer is included in [INH2010].

**People:** (1996-) **Michaels**, **Seitz**, **Singer**; many since then; (2009-) **Christy**, **Douglass**, **Inhofe**, *The main goal has been to discredit the IPCC.* Many more have participated in this:

Google: ben santer climate criminal

**ACS2009 – Petition– Heartland – American Chemical Society**

[rabett.blogspot.com/2009/08/this-is-gonna-be-fun-notice-flows-into.html](http://rabett.blogspot.com/2009/08/this-is-gonna-be-fun-notice-flows-into.html)

“If you are planning to attend the meetings of the American Chemical Society in Washington DC Aug 16-19, be sure to visit the booth of the **Heartland** Institute and sign up to protest the ACS statement on climate change. If you cannot attend and are a current or former ACS member, contact Dr Peter Bonk at [peterjbonk@gmail.com](mailto:peterjbonk@gmail.com)”. *Why would **Heartland** even have a booth at ACS? This is still in progress, so is listed as a placeholder.*

**APS2009 – Petition – GMI, Heartland, SEPP, CATO, ~April 2009.**

This was organized by **Austin**, **Happer**, **Singer**, **Cohen**, **H.Lewis**, **Gould**. See [MAS2009] for details.. This later joined up with Climategate, see **Happer**, et al in A.12.3.

**BALI2007 – Petition – 12/13/07 (in National Post) “Don’t fight, adapt”**

[deepclimate.org/2009/12/10/bali-2007-revisited](http://deepclimate.org/2009/12/10/bali-2007-revisited), organized by **Harris**

[www.nationalpost.com/news/story.html?id=164002](http://www.nationalpost.com/news/story.html?id=164002) open letter

[www.nationalpost.com/news/story.html?id=164004](http://www.nationalpost.com/news/story.html?id=164004) signatures

**People:** (organizer) **Harris**; signers included **Ball**, **Boehmer-Christiansen**, **Carter**, **Dyson**, **Essex**, **Hayden**, **C.Idso**, **S.Idso**, **Labohm**, **Lawson**, **Legates**, **Lindzen**, **McKittrick**, **O’Brien**, **Singer**, **Roy**, **Spencer**, **Stilbs**, **Valentine**, and **Wegman**.

**CATO2009 – Petition/Advertisement – CATO Institute - 03/30/09**

Full-page ad in LA Times, Chicago Tribune, Washington Post, Washington Times, and New York Times.

[www.cato.org/special/climatechange/alternate\\_version.html](http://www.cato.org/special/climatechange/alternate_version.html)

[www.eecg.utoronto.ca/~prall/climate/Cato09\\_authors\\_table.html](http://www.eecg.utoronto.ca/~prall/climate/Cato09_authors_table.html)

**People:** Boehmer-Christiansen, Carter, Cohen, D'Aleo, Douglass, Essex, Gould, Happer, Hayden, C.Idso, S.Idso, Knox, Lindzen, Marohasy, McKittrick, Michaels, Nichols, Spencer, Valentine.

For many petitions, anyone can sign. *I guess this one was by invitation, using some CATO mailing list.*

### **GCSCT– 1998 Global Climate Science Communications Team (API Project)**

GCSCT was formed in early 1998 to fend off US ratification of Kyoto and further initiatives.

[www.sourcewatch.org/index.php?title=Global\\_Climate\\_Science\\_Communications\\_Team](http://www.sourcewatch.org/index.php?title=Global_Climate_Science_Communications_Team)

[www.historycommons.org/entity.jsp?entity=joe\\_walker\\_1](http://www.historycommons.org/entity.jsp?entity=joe_walker_1)

Joe **Walker** was API's public relations representative.

The API 9-page memo April 1998 is a classic blueprint for anti-science advocacy, with goals, budgets and roles. It is really instructive reading to help understand the machinery and tactics of anti-science.

This group seems to have met at API Headquarters, at least some of the time.

[www.edf.org/documents/3860\\_GlobalClimateSciencePlanMemo.pdf](http://www.edf.org/documents/3860_GlobalClimateSciencePlanMemo.pdf) the scanned image

[www.euronet.nl/users/e\\_wesker/ew@shell/API-prop.html](http://www.euronet.nl/users/e_wesker/ew@shell/API-prop.html) searchable text.

Most of the discussion is in §5.1, as it seemed important to understanding the chronology there.

*This is a good example of **Figure. 2.1** money-and-meme laundering, driven by economics (FIN\*).*

*Funders (in this case corporations (O1, FIN1) through their trade associations (O5a, FIN2)) supply money to various front organizations (O5b, FIN2) and thinktanks (O6, FIN2), some of which are funded longer-term by foundations (O2, FIN1). (Disinformation) memes are developed and they search for scientists (B4, B3) and communicators (B1b) to spread them (FIN3, sometimes other reasons).*

*See **A.Hockey** Campaign (A.4) and possibly UofR-Physics (Sproull→Knox→Douglass)*

*Speculation: this might also have led to recruitment of **Scafetta** and Bruce West [MAS2009], who also started writing climate papers about the same time as **Douglass**.*

### **GMI1990 – Early book by GMI**

Robert **Jastrow**, William **Nierenberg**, Frederick **Seitz**, *Scientific Perspectives on the GREENHOUSE PROBLEM*, 1990, Copyright George C. Marshall Institute.

This is listed here as a project, as well as a reference [GMI1990], because it is one of the earliest organized efforts to create doubt, uncertainty, and delay. It is especially important to note the early paper on the pioneering **Spencer** and **Christy** (UAH) satellite work. It showed no warming then, and continued likewise for a decade. Other people kept finding errors, and as they got fixed, warming appeared, better matching others, but still with less warming than ground stations or other satellite analyses. Nevertheless, many of those mentioned here have either insisted that these analyses prove the ground stations wrong, or that warming is less. *After the pioneering work, the track record on errors is not so good.*

**People:** Jastrow, Nierenberg, Seitz; Christy, Spencer; thanks Baliunas.

**GMI2002 – Letter - George C. Marshall Institute to President George W. Bush, 08/14/02.**

[rabett.blogspot.com/2009/11/john-mashey-and-arthur-smith-were-right.html](http://rabett.blogspot.com/2009/11/john-mashey-and-arthur-smith-were-right.html) (thanks to “Eli Rabett”)

[www.governmentdocs.org/docs/up1204/foi51/doc930/pdfs/pdf000378.pdf](http://www.governmentdocs.org/docs/up1204/foi51/doc930/pdfs/pdf000378.pdf) letter

[www.governmentdocs.org/docs/up1204/foi51/doc930/pdfs/pdf000379.pdf](http://www.governmentdocs.org/docs/up1204/foi51/doc930/pdfs/pdf000379.pdf) signers

The letter is from **O’Keefe**, then President of **GMI**, previously with **API** 25+years.

The 3 paragraphs reiterate familiar themes: doubt about science, focus on uncertainties, “models dominated by assumptions rather than observations”, do not damage the economy, ending:

“We applaud your commitment to a science-based policy. We also reiterate that the overwhelming balance of evidence shows no appreciable warming trend attributable to carbon dioxide from human activity. The tell-tale significant human influence on climate – a warming of the lower atmosphere – does not exist. Contrary to all computer model forecasts for global warming, neither satellites nor weather balloons can find any warming trend in the lower atmosphere for over decades.”

This is consistent with **GMI**’s view all the way back to its 1990 book, with the advice of **Luntz**. *Some is a misstatement of the time’s science, but delivered with utter certainty. Some is misleading.* Balloon data was spotty and had calibration problems, and the satellite analyses (by **Christy** and **Spencer**) were found around 2005 to have had serious errors that masked the warming seen by the other analyses.

Of the 22 signers, 9, **Seitz, Jastrow, Baliunas, Happer, Starr, S.Idso, Legates, Michaels, and Singer** are listed in **A.7**. Of the remaining 13, all signed **OISM**. *Basically, this list can be summarized as “distinguished scientists, but not climate scientists, many at or near retirement, often associates of the **GMI** founders.”* As a group, the political contributions totaled \$20,400, of which \$17,600 (86%) were to Republican, and \$2,800 (14%) to Democrats. The former was skewed by Teller (\$8,250) and **Singer** (\$5,400). The latter was skewed by Moll (\$1,550 to Obama’08). This list should not be over-interpreted: some may well have signed as favors to old colleagues, and possibly have changed their minds since :

Robert **Jastrow** – Mt. Wilson Institute [**GMI** Chairman in 2002]

Sallie **Baliunas** – Harvard U [really, Harvard-Smithsonian Center for Astrophysics, **GMI** Director]

Will **Happer** – Princeton U [already a **GMI** Director]

Chauncey **Starr** – Electric Power Research Institute [long-time **GMI** Director]

Robert K. Adair -Yale U nuclear physics, [en.wikipedia.org/wiki/Robert\\_Adair\\_%28physicist%29](http://en.wikipedia.org/wiki/Robert_Adair_%28physicist%29)

(Adair reappeared on **APS2009** evaluation panel).

Sidney Benson - U of Southern CA chemistry, [www.usc.edu/dept/chemistry/loker/faculty/Benson.html](http://www.usc.edu/dept/chemistry/loker/faculty/Benson.html)

Ernest Beutler – Scripps hematology/biomedical, [en.wikipedia.org/wiki/Ernest\\_Beutler](http://en.wikipedia.org/wiki/Ernest_Beutler)

David A. Bromley – Yale U nuclear, [www.yale.edu/physics/news/Bromley/bromleyobit.html](http://www.yale.edu/physics/news/Bromley/bromleyobit.html), Bush admin

Robert F. Doolittle – astrophysicist (could not find)

Howard Evans – Cornell anatomist, [www.news.cornell.edu/stories/Nov06/Evans.profile.jg.html](http://www.news.cornell.edu/stories/Nov06/Evans.profile.jg.html)

Sherwood **Idso** – U.S. Water Conservation Laboratory - **S.Idso**’s efforts often funded by fossil fuels.

Arthur Kantrowitz – Dartmouth College, AERL,  
[engineering.dartmouth.edu/faculty/emeriti/arthurkantrowitz.html](http://engineering.dartmouth.edu/faculty/emeriti/arthurkantrowitz.html)

David **Legates** – U of DE - **GMI** connections]

Philip Majerus – Washington U St Louis hematology,

[hematology.wustl.edu/faculty/majerusP/majerusPBio.html](http://hematology.wustl.edu/faculty/majerusP/majerusPBio.html)

Patrick **Michaels** – Virginia State Climatologist -**GMI** connections, papers, book

John L. Moll – Hewlett Packard

Albert Overhauser – Purdue nuclear, [en.wikipedia.org/wiki/Albert\\_Overhauser](http://en.wikipedia.org/wiki/Albert_Overhauser)

Rudi Schmid – UC San Francisco medicine,

[medschool.ucsf.edu/news/features/public\\_service/20071022\\_Schmid.aspx](http://medschool.ucsf.edu/news/features/public_service/20071022_Schmid.aspx)

James B. Serrin – U of MN mathematics, [www.math.umn.edu/~serrin/serrinv.html](http://www.math.umn.edu/~serrin/serrinv.html)

Fred **Singer** – **Science and Environment Policy Project (SEPP)** - **GMI** connections very strong.

Edward Teller – **Hoover Institute** nuclear, [en.wikipedia.org/wiki/Edward\\_Teller](http://en.wikipedia.org/wiki/Edward_Teller)

**GMI2003 – GMI Washington Roundtable, M&M 11/18/03.**

“The IPCC, the “Hockey Stick” Curve, and the Illusion of Experience.”

*This was a key meeting. GMI paid for McIntyre’s trip.*

**Ebell** introduced them with a *surprisingly prescient* remark:

“I think this is one of the most interesting ones, because I think we are just at the beginning of what I think will be a major controversy.”

**Organizations:** GMI, CEI/CHC

**People:** Baliunas, Ebell, Jastrow, Kueter, McIntyre, McKittrick, Michaels, Singer, Soon; Ambrose, Bob Hershey, Hogan (Inhofe counsel), Fran.Smith... at least.

**Ebell** introduced M&M to GMI, with many interesting people in attendance.

[www.marshall.org/pdf/materials/188.pdf](http://www.marshall.org/pdf/materials/188.pdf) [GMI2003] The Q&A is especially interesting.

*(David Appell asked questions skeptical of M&M, and given his other work, seems most likely to have been invited to include someone who would not just accept M&M, but by asking hard questions, would help them refine their arguments. Ambrose might fit that as well.)*

**McIntyre** had already been in contact, as shown by p.26 quote of **Singer**:

“Steve McIntyre has been very helpful in sending me a whole bunch of data.”

This meeting included **Hogan**, **Inhofe** counsel showing a strong interest in tree-ring statistics. p.26-27:

“*Question:* Aloysius Hogan. I have heard questioning of the statistical and methodological practices associated with a number of papers and I would like to get an opinion from you both about the level of statistical and methodological analysis among normal peers. Are the people who are doing the peer review really qualified in those areas as statisticians or they are just educated laymen?”

*Who else attended?*

**GMI2005 – GMI Panel “U.S. Climate Policy After Kyoto’s Ratification” 02/10/05.**

[www.marshall.org/pdf/materials/300.pdf](http://www.marshall.org/pdf/materials/300.pdf) [GMI2005]

“On February 10, 2005, the Institute hosted a panel discussion called *The Kyoto Protocol and Beyond: A Roundtable Discussion on the Future of International and U. S. Climate Policy* in cooperation with the Competitive Enterprise Institute (CEI). The panel **Inhofe**, Chairman of the Senate Environment and Public Works (EPW) Committee; **Ebell**, Director of Global Warming Policy, **Competitive Enterprise Institute**; **O’Keefe** (GMI), **George C. Marshall Institute**, **Horner**, Counsel, **CHC**; and **Wheeler**, EPW Committee majority staff director. The panel members discussed the prospects for implementing the Kyoto Protocol, the international agreements which may follow Kyoto, and their meaning for U. S. climate policy.... (several more pages)... ” then, on p.10:

“Senator **Inhofe**... “global warming is the greatest single hoax ever perpetrated on the American people. The Senator will present four short speeches questioning the **four pillars** on which the alarmist view of climate change is based: the 2001 National Academy of Sciences report, **the IPCC’s reliance on Michael Mann’s discredited “hockey stick” model**, the Arctic climate impact assessment report, and the flawed data produced by climate models.” and

“William **O’Keefe** emphasized that the basic premises behind global warming are shaky: the belief that greenhouse gases are being trapped and warming the earth as not been validated by satellite measurements...”

Actually, they were validated. The **Christy & Spencer** UAH analyses were proven wrong later that year.

**People:** **Ebell**, **Horner**, **Inhofe**, **O’Keefe**, **Wheeler**, plus attendees

*Who else attended this Roundtable?*

**GMI2005a – GMI Washington Roundtable, M&M 05/11/05.**

“The Hockey Stick Debate: Lessons in Disclosure and Due Diligence”

[www.marshall.org/pdf/materials/316.pdf](http://www.marshall.org/pdf/materials/316.pdf)

**Kueter** and **Ebell** introduced M&M. In the introduction M&M’s “expert” status at GMI and **McKittrick**’s Senior Fellow status at **Fraser** were not mentioned. **McKittrick** emphasized how important the hockey stick graph was to the IPCC TAR, as though it was the one piece of evidence that mattered. Read this carefully. *It looks like a blueprint for the later attacks and to some extent the WR, as the social*

*network issue is even suggested.* **McIntyre** talked about auditing. **McKittrick** said their article was peer-reviewed (and in this case, it was), but, peer-review does not prove something is correct or important.

**People: Ebell, Kueter, McIntyre, McKittrick, Singer (likely)**

*Who else attended?* Unfortunately, they did not label questions with names.

### **GRE2008 – “Green Court” meeting (Dutch: DeGroenerkenkamer), 05/08/08**

[www.groenerekenkamer.nl/seminar](http://www.groenerekenkamer.nl/seminar) (Dutch)

[translate.google.com/translate?prev=hp&hl=en&js=y&u=www.groenerekenkamer.nl/seminar&sl=nl&tl=en](http://translate.google.com/translate?prev=hp&hl=en&js=y&u=www.groenerekenkamer.nl/seminar&sl=nl&tl=en) translation

[jules-klimaat.blogspot.com/2009/09/heidelberg-appeal.html](http://jules-klimaat.blogspot.com/2009/09/heidelberg-appeal.html)

This was occasioned, in part, by **Heart#1**.

**People:** (Chairman) **Labohm, Crok, Singer (by video)**, Dick Thoenes, Arthur Rorsch.

### **Heart#1 – International Conference on Climate Change, New York, 03/02/08-03/04/08**

[www.Heartland.org/events/NewYork08/proceedings.html](http://www.Heartland.org/events/NewYork08/proceedings.html)

<http://www.heartland.org/events/NewYork08/sponsorships.html>

See also **Manhat2009 Declaration**, whose first group signed at this conference.

This and the following were fairly substantial events, albeit generally lacking many actual climate scientists. **Heartland** (or somebody) paid for relevant people to attend.

**Organizations:** Co-Sponsors: see **A.6.1**, plus **ICSC, OISM**

### **Heart#2 – International Conference on Climate Change New York, 03/08/09-03/10/09**

“Global Warming – Was it Ever a Crisis?”

[www.Heartland.org/events/NewYork09/index.html](http://www.Heartland.org/events/NewYork09/index.html)

<http://www.heartland.org/events/NewYork09/sponsorships.html>

This included 6 of **Barton**’s staffers. See **A.6.2**.

**Funding:** Kevin Grandia at DeSmogBlog studied **Heart#2** funding, including the list of “cosponsors”

[www.desmogblog.com/research-sponsors-behind-heartlands-new-york-climate-change-conference](http://www.desmogblog.com/research-sponsors-behind-heartlands-new-york-climate-change-conference)

**Organizations:** Co-Sponsors: see **A.6.1**, plus **ICECAP, ICSC, IPA, OISM**

### **Heart#3 – Third International Conference on Climate Change Washington, DC 06/02/09**

[www.Heartland.org/events/WashingtonDC09/proceedings.html](http://www.Heartland.org/events/WashingtonDC09/proceedings.html)

<http://www.heartland.org/events/WashingtonDC09/cosponsors.html>

**Organizations:** Co-Sponsors: see **A.6.1**, plus **ICECAP, ICSC, OISM**

### **Heart#4 – 4th Int’l Conference on Climate Change Chicago, IL May 16-18, 2010**

[www.heartland.org/events/2010Chicago/index.html](http://www.heartland.org/events/2010Chicago/index.html)

“The ICCCs are genuine scientific conferences in the sense that scientists and other experts are invited to share their latest research and engage in respectful debate with others.”

*Perusal of past conferences might lead to some room for doubt.*

### **HeartExp#1 – Heartland “Global Warming Experts” list, in slick brochure (~143 names)**

[www.Heartland.org/books/PDFs/LegislatorsGuideGW.pdf](http://www.Heartland.org/books/PDFs/LegislatorsGuideGW.pdf) (PDF created 07/23/09) See **A.6.2**.

### **HeartExp#2 – Heartland “Global Warming Experts”**

Accessed 02/21/10. (66 names), but labeled 07/23/09 to sequence it next to the previous activity. Since this gets updated, it is a different sort of activity. See **A.6.2** for the huge list.

[www.globalwarmingheartland.org/experts.html](http://www.globalwarmingheartland.org/experts.html)

### **Heidel1992 – Heidelberg Appeal– 1992–TASSC/Singer (including HAN) 04/14/92**

[www.sepp.org/policy/%20declarations/heidelberg\\_appeal.html](http://www.sepp.org/policy/%20declarations/heidelberg_appeal.html)

[en.wikipedia.org/wiki/Heidelberg\\_Appeal](http://en.wikipedia.org/wiki/Heidelberg_Appeal)

[www.sourcewatch.org/index.php?title=Heidelberg\\_Appeal](http://www.sourcewatch.org/index.php?title=Heidelberg_Appeal) *behind-the-scenes details*

[www.sourcewatch.org/index.php?title=S.\\_Fred\\_Singer](http://www.sourcewatch.org/index.php?title=S._Fred_Singer)  
 HAN – Heidelberg Appeal Netherlands (**Labohm**, Sluijter)  
[jules-klimaat.blogspot.com/2009/09/heidelberg-appeal.html](http://jules-klimaat.blogspot.com/2009/09/heidelberg-appeal.html)  
[jules-klimaat.blogspot.com/2009/10/heidelberg-appeal-nederland.html](http://jules-klimaat.blogspot.com/2009/10/heidelberg-appeal-nederland.html)

### **Helmer2009 – “Climate Conference” at European Parliament, 11/18/09**

[www.rogerhelmer.com/conferenceprogramme.asp](http://www.rogerhelmer.com/conferenceprogramme.asp)  
[jules-klimaat.blogspot.com/2010/01/mep-roger-helmers-yearly-climate.html](http://jules-klimaat.blogspot.com/2010/01/mep-roger-helmers-yearly-climate.html)

**People:** Delingpole, Fred Goldberg, **Helmer**, **Labohm**, **McKittrick**, **Peiser**, Tom Segalstad, **Singer**, Henrik Svensmark.

### **Leipzig – Leipzig Declarations – 1995, 1997, 2005 – SEPP/Singer - First version 11/09/95**

[www.sepp.org/policy%20declarations/LDrevised.html](http://www.sepp.org/policy%20declarations/LDrevised.html)  
[en.wikipedia.org/wiki/Leipzig\\_Declaration](http://en.wikipedia.org/wiki/Leipzig_Declaration)

**People:** (organizer) **Singer**; (signers) **Lindzen**, **Michaels**, **Seitz**, **Starr**.

### **Manhat2008 – Manhattan Declaration – 2008 – Heartland/ICSC (Harris)**

[www.climatescienceinternational.org/](http://www.climatescienceinternational.org/)  
[www.climatescienceinternational.org/index.php?option=com\\_content&task=view&id=37&Itemid=54](http://www.climatescienceinternational.org/index.php?option=com_content&task=view&id=37&Itemid=54)  
[www.Heartland.org/policybot/results/22866/New\\_York\\_Global\\_Warming\\_Conference\\_Considers\\_Manhattan\\_Declaration.html](http://www.Heartland.org/policybot/results/22866/New_York_Global_Warming_Conference_Considers_Manhattan_Declaration.html)  
[www.climatescienceinternational.org/index.php?option=com\\_content&task=view&id=66](http://www.climatescienceinternational.org/index.php?option=com_content&task=view&id=66)

**People:** (organizer) **Harris**; (signers) **Douglass**, **Hayden**, **Singer**, **Spencer**, **Stilbs**

**ICSC** and **Heartland** worked to consider this petition at the **Heartland** 2008 conference in NYC, and then has added signatures since. Their list has 3 groups of endorsers, those who were at the conference, those who were not, but also claimed to have relevant expertise, and general public.

[www.climatescienceinternational.org/index.php?option=com\\_content&task=view&id=48&Itemid=1](http://www.climatescienceinternational.org/index.php?option=com_content&task=view&id=48&Itemid=1)

**Singer**, and **Spencer** were present and signed there, the others later.

[www.climatescienceinternational.org/index.php?option=com\\_content&task=view&id=62&Itemid=1](http://www.climatescienceinternational.org/index.php?option=com_content&task=view&id=62&Itemid=1)

**Douglass** (m) signed later.

[www.climatescienceinternational.org/index.php?option=com\\_content&task=view&id=66](http://www.climatescienceinternational.org/index.php?option=com_content&task=view&id=66)

Then, **ICSC** picked 197 endorsers as “climate science specialists or scientists in closely related fields”, headed “Climate Experts who signed **Manhat2009 Declaration**”: **Douglass**, **Singer**, **Spencer**.

**NIPCC – Nongovernmental International Panel on Climate Change**

This is basically **Singer** plus friends. Names keep changing, but the two versions were:

**NIPCC2008 – Nature, Not Human Activity Rules the Climate: The Summary for Policies of the Report of NIPCC, April 2008. SEPP (Singer, Ed), published by Heartland.**

[www.heartland.org/books/NIPCC.html](http://www.heartland.org/books/NIPCC.html)

[www.heartland.org/custom/semod\\_policybot/pdf/22835.pdf](http://www.heartland.org/custom/semod_policybot/pdf/22835.pdf) See p.2 for Contributors

[rabett.blogspot.com/2008/12/hard-times-s.html](http://rabett.blogspot.com/2008/12/hard-times-s.html), which usefully noted:

**Singer** got paid \$143K for **NIPCC2008**, p.8.

[dynamodata.fdncenter.org/990\\_pdf\\_archive/541/541645372/541645372\\_200812\\_990.pdf](http://dynamodata.fdncenter.org/990_pdf_archive/541/541645372/541645372_200812_990.pdf) 2008

**People:** (editor) (contributors) **Avery, Carter, Richard S. Courtney, C.Idso, Labohm, Monckton** are mentioned here, but has a good international list, *generally only lacking credible climate scientists*.

*RealClimate* mostly enumerated long-debunked memes, referring to past posts and papers:

[www.realclimate.org/index.php/archives/2008/11/not-the-IPCC-NIPCC-report/](http://www.realclimate.org/index.php/archives/2008/11/not-the-IPCC-NIPCC-report/)

**NIPCC2009 – Climate Change Reconsidered, S. Fred Singer and Craig Idso – 06/02/09**

[www.nipccreport.org](http://www.nipccreport.org)

[www.nipccreport.org/aboutnipcc.html](http://www.nipccreport.org/aboutnipcc.html)

[www.heartland.org/publications/NIPCC%20report/PDFs/Front%20Matter.pdf](http://www.heartland.org/publications/NIPCC%20report/PDFs/Front%20Matter.pdf) p.1 for people.

At this point, the website is separate, but the media contact is still at Heartland.

[www.nipccreport.org/forMoreInformation.html](http://www.nipccreport.org/forMoreInformation.html)

Gives “For more information” for print/broadcast journalists, government official or staffer, or philanthropist wishing to donate, all contacts are at **Heartland**. It heavily references **OISM1998**, at least the 2007 version.

People: (lead authors) Singer, C.Idso; Editors Joseph L. **Bast** and Diane Carol Bast.

“Warren Anderson (USA), J. Scott Armstrong (USA), Dennis **Avery** (USA), Franco Battaglia (Italy), Robert **Carter** (Australia), Piers Corbyn (UK), Richard Courtney (UK), Joseph **d’Aleo** (USA), Don Easterbrook (USA), Fred Goldberg (Sweden), Vincent Gray (New Zealand), William Gray (USA), Kesten Green (Australia), Kenneth Haapala (USA), David Hagen (USA), Klaus Heiss (Austria), Zbigniew Jaworowski (Poland), Olavi Karner (Estonia), Richard Alan Keen (USA), Madhav Khandekar (Canada), William Kininmonth (Australia), Hans **Labohm** (Netherlands), Anthony Lupo (USA), Howard Maccabee (USA), H. Michael Mogil (USA), Christopher **Monckton** (UK), Lubos Motl (Czech Republic), Stephen Murgatroyd (Canada), Nicola **Scafetta** (USA), Harrison Schmitt (USA), Tom Segalstad (Norway), George Taylor (USA), Dick Thoenes (Netherlands), Anton Uriarte (Spain), Gerd Weber (Germany)”

Many of the same **NIPCC2008** participants appeared, again lacking credible climate scientists.

**OISM1998 or OISM Petition – Oregon Institute of Science & Medicine, GMI.**

[www.oism.org/](http://www.oism.org/); [www.oism.org/pproject/pproject.htm#341](http://www.oism.org/pproject/pproject.htm#341); [www.petitionproject.org/](http://www.petitionproject.org/)  
[www.sourcewatch.org/index.php?title=Oregon\\_Institute\\_of\\_Science\\_and\\_Medicine](http://www.sourcewatch.org/index.php?title=Oregon_Institute_of_Science_and_Medicine)  
[en.wikipedia.org/wiki/Oregon\\_Institute\\_of\\_Science\\_and\\_Medicine](http://en.wikipedia.org/wiki/Oregon_Institute_of_Science_and_Medicine)

*Without this petition, few people would have heard of this barnlike structure in rural Oregon, in which work chemist Arthur **Robinson** and his sons Noah and Zachary. The petition is widely mentioned to prove lack of consensus, though it is just an unchecked, often-unidentifiable list of names. In most scientific disciplines, science is rarely done by petition of random people, but it does impress some of the public.*

One can usually verify whether or not specific known people have signed, and approximately when, via the Internet Archive's Wayback Machine. For example, one can see the status as of August 23, 2000:

[web.archive.org/web/20000823175239/www.oism.org/pproject/pproject.htm](http://web.archive.org/web/20000823175239/www.oism.org/pproject/pproject.htm)

**People: Baliunas, Arthur Robinson, Zachary B. Robinson, Seitz, Soon**

The original April 1998 paper was written by Arthur **Robinson**, Zachary B. Robinson, **Baliunas**, and **Soon**, the latter two identified with **GMI** affiliations (not H-S CfA). It was formatted like a **PNAS** paper, and arrived with a cover letter from **Seitz**, past President of NAS, confusing some people into signing, thinking it was a call for more research. The **NAS** took the unusual action of publicly disavowing any connection. *Might examination of the 4 authors' backgrounds lead one to believe that this paper was mostly written by **Baliunas** and **Soon**, but with Robinsons' names placed first?*

The current website offers a 2007 paper (by Arthur Robinson, Noah Robinson, and **Soon**, with only **OISM** listed as an affiliation), which appeared in the *Journal of American Physicians and Surgeons* (JPandS).

[www.oism.org/pproject/GWReview\\_OISM150.pdf](http://www.oism.org/pproject/GWReview_OISM150.pdf)

That might seem an odd place for a climate paper, but see:

[en.wikipedia.org/wiki/Association\\_of\\_American\\_Physicians\\_and\\_Surgeons](http://en.wikipedia.org/wiki/Association_of_American_Physicians_and_Surgeons)

[www.sourcewatch.org/index.php?title=Association\\_of\\_American\\_Physicians\\_and\\_Surgeons](http://www.sourcewatch.org/index.php?title=Association_of_American_Physicians_and_Surgeons)

The Executive Director (of JPandS' parent AAPS) is Jane Orient, one of the **OISM** "faculty". Debunking anti-science is tedious, because it usually needs more words to explain why something is wrong, cherry-picked or incomplete, but fortunately, it has been well-done already:

[www.realclimate.org/index.php/archives/2007/10/oregon-institute-of-science-and-malarkey/](http://www.realclimate.org/index.php/archives/2007/10/oregon-institute-of-science-and-malarkey/)

[www.realclimate.org/wiki/index.php?title=oism](http://www.realclimate.org/wiki/index.php?title=oism)

[www.climatewatch.org/file-uploads/Comment\\_on\\_Robinson\\_et\\_al-2007R.pdf](http://www.climatewatch.org/file-uploads/Comment_on_Robinson_et_al-2007R.pdf) (MacCracken)

[rabett.blogspot.com/2009/10/critical-review-of-robinson-robinson.html](http://rabett.blogspot.com/2009/10/critical-review-of-robinson-robinson.html) (Mike Powell)

*Do signers find **OISM** a more credible institution than NAS, AAAS, APS, AGU, AMS?*

**SIPP1993 – Singer, GMU, Moore, GMU International Institute– 06/24/93**

“Scientific Integrity in the Public Policy Process”

[www.sepp.org/Archive/conferences/conferences/sipp.html](http://www.sepp.org/Archive/conferences/conferences/sipp.html)

**People:** This was **Singer**’s first listed conference; speakers included **Fred.Smith (CEI)**, **Peter Huber (Manhattan)**, **Jastrow**, **Lindzen**, **Singer**, **Robert Hahn (AEI)**. **Seitz** attended.

**Stock2006 – “Global Warming – Scientific Controversies in Climate Variability,”**

**Stockholm, SE, 09/11/06-09/12/06**

[gamma.physchem.kth.se/~climate](http://gamma.physchem.kth.se/~climate)

[gamma.physchem.kth.se/~climate/speakers.htm](http://gamma.physchem.kth.se/~climate/speakers.htm)

This was organized by Peter **Stilbs**, a Professor of Physical Chemistry, whose research has generally focused on NMR, i.e., unconnected with climate. *The conference reached the expected conclusions: no warming since 1998, expect global cooling, cosmic rays might be important, any warming is most likely natural, CO2 is not really important, carbon taxes or cap-and-trade are bad*

**People:** (organizer) **Stilbs**; (speakers) **Baliunas**, **McIntyre** (oddly labeled U of Toronto), **Singer**, **Soon**; **Carter** (AU), **Richard S. Courtney** (UK), **Hans Erren** (NE), **Fred Goldberg** (SE), **Zbigniew Jaworowski** (PL), **Marcel Leroux** (FR), **Tom V. Segalstad** (NO), **Henrik Svensmark** (DK).

**TGGS2007 – The Great Global Warming Swindle – Martin Durkin (UK, international) –**

“Documentary” movie, premiered on UK Channel 4, 03/08/07.

[en.wikipedia.org/wiki/The\\_Great\\_Global\\_Warming\\_Swindle](http://en.wikipedia.org/wiki/The_Great_Global_Warming_Swindle)

**People:** **Syun-Ichi Akasofu**, **Ball**, **Christy**, **Lawson**, **Lindzen**, **Michaels**; **Milloy** publicized it.

**US.CONG – Projects Within US Congress, (nominally) 2001-**

The US Congress as a whole is certainly not an organization created for anti-science, but several continuing climate anti-science efforts have been promoted there. These include over-emphasizing the views of scientists far outside the mainstream or running specific campaigns like A.HOCKX or A.GATE, or specific efforts like [INH2010]. Most of these have been run through the Senate EPW (**Inhofe**), or House Energy and Commerce Committees (**Barton**), especially when in the majority.

[epw.senate.gov/public/?CFID=22180727&CFTOKEN=12197209](http://epw.senate.gov/public/?CFID=22180727&CFTOKEN=12197209)

[energycommerce.house.gov](http://energycommerce.house.gov)

This label provide a catchall to summarize those involved, with Congress. **Table A.6.2.**

**Involvement:** 5: Senator (**Inhofe**), Representatives (**Barton**, **Whitfield**) or **Luntz** 4: Staff of previous or in White House, 3: Lobbyist, or arranger of meetings, or spoke at such meetings 2: Testimony. 1: At least attendance at Congress, maybe testimony.

## A.5 Internet Amplification of Anti-Science , A Tiny Sample

[MAS2008] included some study of Internet-amplified anti-science meme-propagation. Although this report focuses on the top part of **Figure 2.1**, not the lower part where meme-propagation occurs most, a few samples are included here. Media studies researchers might do much more detailed analysis.

(+) *propagates, possibly amplifies*

(-) *mentions to discount,*

(=) *neutral report.*

**11/02/09(+)** The Chilling Effect, “A Gaggle is Not a Consensus,” “Frosty the Know Man”  
[thechillingeffect.org/2009/11/02/a-gaggle-is-not-a-consensus/](http://thechillingeffect.org/2009/11/02/a-gaggle-is-not-a-consensus/) It points at the next as a source, rather oddly since **Morano** is one of the editors of The Chilling Effect:  
[thechillingeffect.org/about/](http://thechillingeffect.org/about/)

**11/02/09(+)** Watts Up With That :Physicists send letter to Senate – Cite 160 Scientists protest against APS climate position”, Anthony **Watts**.  
[wattsupwiththat.com/2009/11/02/160-physicists-send-letter-to-senate-regarding-aps-climate-position/](http://wattsupwiththat.com/2009/11/02/160-physicists-send-letter-to-senate-regarding-aps-climate-position/)  
 This starts by saying “Since I’m not legally allowed to show the APS logo (they complained the last time) this will have to do.” then shows picture of Saddam Hussein’s spokesman saying “Yes, there is a consensus.”

**11/02/09** ICECAP(+) “Team of Scientists’ Open Letter to U.S. Senators: ‘Claim of consensus is fake”, Marc Morano (*he is busy*)  
[icecap.us/index.php/go/new-and-cool](http://icecap.us/index.php/go/new-and-cool)

**11/02/09** Climate Change Fraud(+), adds a cartoon, copies **Morano**’s Climate Depot article, ??  
[www.climatechange-fraud.com/editorials/5516-team-of-scientists-open-letter-to-us-senators-claim-of-consensus-is-fake](http://www.climatechange-fraud.com/editorials/5516-team-of-scientists-open-letter-to-us-senators-claim-of-consensus-is-fake)  
[www.climatechange-fraud.com/about-us/learn-about-ccf](http://www.climatechange-fraud.com/about-us/learn-about-ccf)

**11/03/09** (Australia time) JoNova(+), “The Consensus is Fake,” Joanne **Nova**,  
[joannenova.com.au/2009/11/the-consensus-is-fake](http://joannenova.com.au/2009/11/the-consensus-is-fake)

“Eminent Professors have taken the extraordinary step of writing another open letter to Congress to warn them again that there is no consensus and they are being deceived.”  
 Jo Nova is a “freelance science presenter and writer, and former TV host.” *She has a new career.*

**12/04/09(+)** A subset of the organizers sent email **A.12.4** to some set of APS members. As of 12/07/09, it had been quickly propagated, as found by:  
 Google: By now everyone has heard of what has come to be known as ClimateGate, which was and is an international scientific fraud, the worst any of us have seen in our cumulative 223 years of APS membership  
*The reader might sample these to see if any patterns of worldview are visible here.*

**12/04/09** (=) Information Processing, “Climategate and the American Physical Society”, Stephen Hsu,  
[infoproc.blogspot.com/2009/12/climategate-and-american-physical.html](http://infoproc.blogspot.com/2009/12/climategate-and-american-physical.html) (APS member, email)

**12/04/09** (=) MIT Technology Review, “Climategate and the American Physical Society”, Stephen Hsu,  
[www.technologyreview.com/blog/post.aspx?bid=354&bpid=24483](http://www.technologyreview.com/blog/post.aspx?bid=354&bpid=24483) (same as previous)

**12/04/09** (-) Rabett Run, “Dear Fellow Member of the American Physical Society”, “Eli Rabett”,  
[rabett.blogspot.com/2009/12/dear-fellow-member-of-american-physical.html](http://rabett.blogspot.com/2009/12/dear-fellow-member-of-american-physical.html) (APS member, email)

**12/04/09** (+) Climate Realists,”Climategate and the American Physical Society”, Co2skeptic  
[climaterrealists.com/index.php?id=4551](http://climaterrealists.com/index.php?id=4551) (copy from technologyreview earlier.)

**12/04/09** (+) Google Groups alt.globalwarming, “Climategate and the American Physical Society,” James, [groups.google.com/group/alt.global-warming/browse\\_thread/thread/57c7638259b375e0/77d5a6e99e02340d?hide\\_quotes=no](https://groups.google.com/group/alt.global-warming/browse_thread/thread/57c7638259b375e0/77d5a6e99e02340d?hide_quotes=no) (unspecified, but probably previous)

**12/05/09** (+) Bishop Hill, “More cracks in the façade,” “Englishman who lives in rural Scotland”, [bishophill.squarespace.com/blog/2009/12/5/more-cracks-in-the-facade.html](http://bishophill.squarespace.com/blog/2009/12/5/more-cracks-in-the-facade.html) (unspecified)

**12/05/09** (+) Celestial Junk, “General Letter to the APS,” Paul & Junker, [cjunk.blogspot.com/2009/12/general-letter-as-sent-to-members-of.html](http://cjunk.blogspot.com/2009/12/general-letter-as-sent-to-members-of.html), (unspecified)

**12/06/09** (+) American Thinker, “Members of American Physical Society takes [sic] a stand against scientific fraud,” Clarice Feldman, [www.americanthinker.com/blog/2009/12/american\\_physical\\_society\\_take.html](http://www.americanthinker.com/blog/2009/12/american_physical_society_take.html) (Rick Ballard)

**12/07/09** (+) The Volokh Conspiracy, ‘Physicists Ask American Society to Rescind Its Statement on Global Warming Because it Was Based on “Cheat[ing]” and “Corrupted” Work’, Jim Lingren, [volokh.com/2009/12/07/physicists-ask-americal-physical-society-to-rescind-its-statement-on-global-warming-because-it-was-based-on-cheating-and-corrupted-work](http://volokh.com/2009/12/07/physicists-ask-americal-physical-society-to-rescind-its-statement-on-global-warming-because-it-was-based-on-cheating-and-corrupted-work) (Bishop Hill)

**12/07/09** (+) Netizen News Brief, “American Physical Society takes a stand against scientific fraud,” ??, [netizennewsbrief.blogspot.com/2009/12/american-physical-society-takes-stand.html](http://netizennewsbrief.blogspot.com/2009/12/american-physical-society-takes-stand.html) (unknown, Volokh?)

**12/07/09** (+) Boulderisstupid, “Discontent at the American Physical Society,” ??, [boulderisstupid.blogspot.com/2009/12/discontent-at-american-physical-society.html](http://boulderisstupid.blogspot.com/2009/12/discontent-at-american-physical-society.html) (unspecified)

**12/07/09** (+) tomnelson, “The Volokh ConspiracyPhysicists Ask American Society to Rescind Its Statement on Global Warming Because it Was Based on “Cheat[ing]” and “Corrupted” Work”, Tom Nelson, [tomnelson.blogspot.com/2009/12/cbc-news-st.html](http://tomnelson.blogspot.com/2009/12/cbc-news-st.html) (pointer to Volokh article)

**12/07/09** (+) The Union News, “Climate Change Zombie Update,” ??, [theunionnews.blogspot.com/2009/12/climate-change-zombie-update.html](http://theunionnews.blogspot.com/2009/12/climate-change-zombie-update.html) (Bishop Hill)12/07

**12/07/09** (=/-) Post Carbon, “Contrarians at the climate-gate,” Julie Eilperin, [views.washingtonpost.com/climate-change/post-carbon/2009/12/climategate.html](http://views.washingtonpost.com/climate-change/post-carbon/2009/12/climategate.html), (unspecified, but a serious article, rather than just a repost)

**12/07/09** (+) Phasing, “Members of the American Physical Society take a stand against Climategate,” ?? [phasing.org/2009/12/07/members-of-the-american-physical-society-take-a-stand-against-climategate](http://phasing.org/2009/12/07/members-of-the-american-physical-society-take-a-stand-against-climategate), (American Thinker via ECM)

## A.6 Maps of Funders, Organizations, and People

This Appendix combines members of different categories into “maps” to highlight various kinds of relationships. These might be considered forms of social network analysis, based only on public information, implying that many real relationships have been missed. Funding paths are often purposefully obscured, and anyone new to this area might be forgiven for being confused by the multiplicity of activities and organizations, many with similar names. *At least some of that seems purposeful as well.*

### A.6.1 Funders versus Funded Organizations

This Section maps A.2 funders (O1-O2) versus selected A.3 organizations, primarily fronts (O5) and think tanks (O6). Since many think tanks do not list funding sources, foundation funding records are useful, but incomplete hints. Direct corporate funding is often unfindable, as is indirect funding through trade associations or other fronts or think tanks. [UCS2007] did a good analysis of **ExxonMobil** Educational funding, and [MMAN] has scoured “990” forms for key foundation funding

I extracted data from those to create **Table A6.1 (a-c)** on the next 3 pages. **ExxonMobil**’s 2 rows are alternate approximations, so neither is included in the Totals (which are Foundations only).

Tobacco connections (T) are oddly important, mostly from [Sourcewatch]. **ExxonMobil** (O1) and various family foundations (O2) are listed along the left, with “known” oil-related foundations in **Bold**. It is difficult to find current investments behind family foundations, so more could easily be fossil-related, but that is unknown to me. The 4 **Scaife**-related and 3 **Koch**-related lines are grouped together, and with the next 3, form the Top-10 who have together funded many think tanks. Clearly, ordering is somewhat arbitrary, but this one highlighted most of the funding for **Fraser** and **GMI**, and a substantial part of the funding for the wider-supported **CEI**. Others are shown for context and are sometimes important for others.

**Figure A.6.1(a)** shows entities that either participated in **GCSCT** or are/were in the **Cooler Heads Coalition**. {**CEI**, **Fraser**, **GMI/SEPP**}, seemed most strongly involved in creating **A.HOCKX**, so are shown first. The next 5 have also been fairly active in climate anti-science. The last 7 are **CHC** members, leaving only **Lavoisier** (Australia) for a later page. With the exception of that, and possibly **SPPI** (too new to know), every other fundee has received money from **ExxonMobil** or the Top-10. **Figures. A.6.1(b-c)** show organizations less involved with climate.

The **Heart#1,#2,#3** row shows sponsorship/cosponsorships of the **Heart#1, Heart#2, Heart#3** conferences, as they seem to be the currently-active public way for many of these to cooperate. <http://www.heartland.org/events/NewYork08/sponsorships.html> included:

“The Heartland Institute is prepared to underwrite the total cost of the program, though it is still seeking donations from individuals and foundations earmarked for this event. No funds from energy companies will be used to finance the event.

Conference sponsors receive the following benefits:

input into the program regarding speakers and panel topics

10 free “full package” registrations--air fare, hotel, and free admission--for 10 people, ideally scientists, economists, or important players in the climate change debate who are prepared to speak on panels

20 free admission passes”

That funding is completely unclear, *as the smaller think tanks probably got paid to attend, but the bigger ones may have supplied fund, at least some of whose sources are shown here.* See **A.2.1** and **A.2.2**.

**Heartland** got a big funding boost in recent years from somewhere, but where is unclear.

Many think tanks are 501(c)(3) tax-free organizations, even though some seem more like PR agencies or lobbyists [en.wikipedia.org/wiki/501%28c%29](http://en.wikipedia.org/wiki/501%28c%29).

Table A.6.1 Funders X Organizations, Data mostly 1989-2007 [MMAN]

Table A.6.1 (a) Funders X Organizations, data mostly 1989-2007 [MMAN]																	
ExxonMobil(UCS): [UCS2007], Appendix B. Bold funders: oil connection. Tobacco: Sourcewatch.																	
*1 TASSC/junkscience.com:Steve Milloy; *2 FoF/CSPP=>SPPI:Rob Ferguson; *3 Myron Ebell (FoF=>CEI)																	
Funder \$1000s	CEI	Fraser	GMI	SEPP	CFACT	FF/CSPP	Heartland	SPPI #2	TASSC	AdTI	ALEC	ATR	FreeWo	Heritage	NCPA	PRI	TII
Tobacco connect	T	T	T	T		T	T	T	T	T	T	T	T	T		T	T
\$ Funding here	\$	\$	\$	\$	\$	\$	\$	?	\$	\$	\$	\$	\$	\$	\$	\$	\$
nonprofit501(c)3	n	n	n	n	n	n	n	?		n	n		n	n	n	n	n
GCSC1998	X		X	X	X	*2		X				X					
CHC Cooler Heads	*3	X	X		X	*2	X	*2	*1	X	X	X	X	X	X	X	X
Heart#1,#2,#3	All		All	All	All	1,2	All	All				1,2		2,3	1		1
Exxon-UCS OR	2005	120	630	20	472	1002	561	50			1170			460	421		70
Exxon-MMAN	1690	120	640		482	1127	532	40			1200		275	385	520	540	70
Allegheny											1645			100			
Carthage	60	50	707		1205	35	10			15		325	200	2559	525		
Sarah Scaife	2240	225	2785		375	100	325					375	2960	21235	1760	3072	
Scaife Family	350										50		325	703	100		
Charles G. Koch	15	18					38				273		674	78	7	370	
Claude R. Lambe	336	30	30			175	40			13	195	60	5725	3194	340	385	
David H. Koch	315												5957		260	401	160
Earhart	120		270			100							35	10	100	184	111
J M. Olin(-2005)	230	10	360			125	40			363	215	525	1300	8071	1069	735	65
L&H Bradley	900	95	3590			48				1344	283	223	205	14256	1597	900	
Armstrong	65					5	25			65	33	2	140	270	435	67	50
B&B Grewcock														345			
B&B Seid	343						1038							5			
Brady Education			1											14		22	
C.&W. Kohler							190			746					230		25
Castle Rock	165						70				450		65	2949	120	225	125
CIGNA											10						
D. & B. Devos	1													80	4		
F.M.Kirby										35			145	985			
Gilder												5		1	265		
G. & M. Cain	5												360		1000		
Hickory							13			61					584	69	
Jacqueline Hume	50						166			110	50		50	375	150	649	123
JM	80						82				80	25	135	135	100	55	
John Templeton	1	500					623							1008		100	727
OD&RA Merillat														150		365	
P. M . McKenna	45									40			162	925	70		
R & H Devos														3300			
Randolph	206																
Rodney Fund	49						115						100	62			121
Roe	60					7	39			3	18	30	1	831	11	106	
R&L Peters											10	30	1	195	52	552	
S. Roberts Noble						100					75		10	13000	50		
S. C. Davis	100										7	3	97	45	20	30	
Smith Richardson																	
Walton Family							400					658		45	25	325	
William E Simon												10		527		444	106
W. H. Donner	87					35				723		35		245	225	785	40
Found. Totals	5823	928	7743	0	1580	730	3214	0	0	3517	3393	2306	18647	75698	9099	9841	1653

<b>Table A.6.1 (b) Funders X Organizations, data mostly 1989-2007 [MMAN]</b>														
<b>ExxonMobil(UCS): [UCS2007], Appendix B. Bold funders: oil connection. Tobacco: Sourcewatch.</b>														
<b>Funder \$1000s</b>	<b>ACCF</b>	<b>ACSH</b>	<b>AEI</b>	<b>AIA</b>	<b>AIM</b>	<b>AnnapCtr</b>	<b>Atlas</b>	<b>CATO</b>	<b>CMPA</b>	<b>Comwith</b>	<b>CSDGC</b>	<b>ELC</b>	<b>GMU</b>	<b>GW/PF</b>
Tobacco connect			<b>T</b>					<b>T</b>						
\$ Funding here	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
nonprofit501(c)3	n	n	n	n	n	n	n	n	n	n		n?	n	n
<b>GCSCT1998</b>														
<b>CHC Cooler Heads</b>														
<b>Heart#1,#2,#3</b>				<b>2</b>	<b>2,3</b>		<b>2,3</b>				<b>1,2</b>			
<b>Exxon-UCS OR</b>		125	1625			763	680	105			90			
<b>Exxon-MMAN</b>	1255	140	1910			705	868	110			75	50	230	
<b>Allegheny</b>										40				
<b>Carthage</b>			900		1720		1145	245	512	10			10	
<b>Sarah Scaife</b>		205	6436		2640		1920	1947	960	1917	100	675	5381	
<b>Scaife Family</b>			590		15					227				
<b>Charles G. Koch</b>							119	14		33		238	19673	
<b>Claude R. Lambe</b>	<b>125</b>	45					28	9300				50	4086	
<b>David H. Koch</b>		6						4043					1750	
<b>Earhart</b>		157	549				2695	393	120			60	1192	
J M. Olin(-2005)	100	915	7647	20			5	832	730			150	6266	
L&H Bradley		155	17144				194	1057	250	186			2393	
Armstrong		12			12			65				20	65	
B&B Grewcock														
B&B Seid			10					428						
Brady Education			5032										3132	
C.&W. Kohler														
Castle Rock			515					300					740	
CIGNA			150					10					5	
D. & B. Devos			8											
F.M.Kirby		322	154	10	170			207	20					
Gilder		5						375					12	
G. & M. Cain								400						
Hickory														
Jacqueline Hume			150					150		154				
JM		915	60				100	125	25	45			44	
John Templeton			426				4059	240					513	
OD&RA Merillat														
P. M . McKenna			110				10			1057			221	
R & H Devos			65											
Randolph			65						25					
Rodney Fund								679						
Roe							187	37		78			27	
R&L Peters			35				78	13		42			40	
S. Roberts Noble		27											26	
S. C. Davis							293	5	2				74	
Smith Richardson			8065				504	50	417				344	
Walton Family			108					27					10	
William E Simon		3	337		2		5						75	
W. H. Donner			285				230	135		99		183	57	
Found. Totals	225	2767	48841	30	4559	0	11572	21077	3061	3888	100	1376	46136	0

Table A.6.1 (c) Funders X Organizations, data mostly 1989-2007 [MMAN]														
ExxonMobil(UCS): [UCS2007], Appendix B. Bold funders: oil connection. Tobacco: Sourcewatch.														
Funder \$1000s	Hoover	Hudson	InstHumn	Lavoisier	Manhat	Mercatus	NCPPR	PLF	Reason	STATS	TCS	WLF	YAF	Totals
Tobacco connect					T			T	T			T		
\$ Funding here	\$	\$	\$		\$	\$	\$	\$	\$	\$	\$	\$	\$	
nonprofit501(c)3		n	n		n	n	n	n	n	n	n	n	n	
GCST1998														
CHC Cooler Heads				X										
Heart#1,#2,#3				2									2	
Exxon-UCS OR	295					80	280				95			11119
Exxon-MMAN	110	10			265	200	390	125	105		95	250		14514
Allegheny												200		1985
Carthage	1198	825	455		693			700	366	100		3060		17630
Sarah Scaife	9845	3023	770		3815	320		3105	1791	950		610		81862
Scaife Family		221			25				136					2742
Charles G. Koch	5		2523			8024		10	57			2	20	32191
Claude R. Lambe		13	455		1125				807		25	1105	38	27724
David H. Koch		20	2100		50				1522				50	16634
Earhart	330	92	260		465	53		10	10	100			20	7436
J M. Olin(-2005)	4991	2810	797		58990			665	276	450		1885	70	100707
L&H Bradley	2693	6897	210		3727	10		327	962			437	160	60243
Armstrong		10	11		49	65	5	75	30			140	93	1808
B&B Grewcock													73	345
B&B Seid			40										3	1867
Brady Education		75			820				2					9098
C.&W. Kohler		70	375										25	1661
Castle Rock	25	115			140			695	100	125			105	7029
CIGNA														175
D. & B. Devos		10												93
F.M.Kirby		182	85		462			175				175	1835	4962
Gilder		10	1		930				22					1626
G. & M. Cain	10				2	20	10		20					1827
Hickory			1		151									879
Jacqueline Hume		5	435		750			210	10					3587
JM	260	75	55		100				75	25		60	65	2721
John Templeton		335	306		755	500		10						10103
OD&RA Merillat													30	545
P. M . McKenna			142					40				34		2856
R & H Devos								1					4000	7366
Randolph	50		25		78					250				699
Rodney Fund			107			42			107			45		1427
Roe			19		18	35		7	165					1679
R&L Peters			25		24				176					1273
S. Roberts Noble	35	25										325		13673
S. C. Davis	3200	365			475	80							75	4871
Smith Richardson	2846	3263			2291				100					17880
Walton Family	3823	150	360		396									6327
William E Simon	180	36			1084				90			10		2909
W. H. Donner	145	787			378					125		150		4749
Found. Totals	29636	19414	9557	0	77793	9149	15	6030	6824	2125	25	8238	6660	463269

## A.6.2 People versus Activities and Organizations

**A.6.2** maps Individuals (**A.7**) versus Activities (**A.4**) and Organizations (**A.3**). It is a selection of a large spreadsheet that currently holds about 500 Individuals, 30 Activities, and 140 Organizations. For activities, Tobacco connections, \$funding, and non-profit (501(c)3 or non-US equivalent) follow **A.6.1**, using primary activity sponsor. *The 1<sup>st</sup> row includes many key “meme generators” (red box in Figure 2.)), plus active members of various fronts and think tanks. The 3rd row includes a few examples of various roles, like “Press/OpEd writer” or “low-level front employee,” as well as possibly-relevant staff or Board members of key organizations.*

Table A.6.2 (a) Most Active People X Activities Chronological==>	Table A.6.2 (b) Most Active People X Organizations-1 Alphabetical==>	Table A.6.2 (c) Most Active People X Organizations-2 Alphabetical ==>
Table A.6.2 (d) Active People X Activities Chronological ==>	Table A.6.2 (e) Active People X Organizations-1 Alphabetical ==>	Table A.6.2 (f) Active People X Organizations-2 Alphabetical ==>
Table A.6.2 (g) Remaining People X Activities Chronological ==>	Table A.6.2 (h) Remaining People X Organizations-1 Alphabetical ==>	Table A.6.2 (i) Active People X Organizations-2 Alphabetical ==>

Level of involvement ranges from 5 (most) to 1 (least), roughly:

- 5 Organizers of petitions, conferences, projects; CEO/Chairman of Board, WSJ OpEd.
- 4 Active in small workshop, keynote speaker, chapter author; Board member, active worker, WSJ letter.
- 3 Speaker; contributor to report, journal article; Advisory Board member, occasional projects.
- 2 Attend conference, give one talk for Roundtable, sign small letter/petition; temporary connection.
- 1 Sign “mass-market” petition, with “?” for people whose names are difficult to disambiguate.

In some cases, like petitions, all participants are clearly known, in other cases, only a few. Attendee lists for some conferences and especially **GMI Roundtables (GMI2003, GMI2005, GMI2005a)** *would be very interesting*. **Singer** is listed for **GCSCT** because his then-wife **Crandall** attended for him.

**A.HOCKXX (1998-2006, ordered at 2005)** is a bit different. People who might plausibly have been involved in its creation are marked X, but whether or not each actually was, or not, would have be determined by proper investigation. Others might have known about it (“?”), especially those in the “Most Active People” group or those in close organizational proximity. **A.Hockey (2002-now, ordered at 2006)** covers public attacks, over-interpretation of M&M and WR, continuing to this day.

- The reader might peruse the tables (try highlighter on paper) and draw their own conclusions about:
- - Any person’s overall level of activity, noting that some people have just worked for one organization, and still be very well-connected. For example, **Salmon** was **GMI** Executive Director for 10 years, would have known many people.
- - The extent to which people have cooperated over the years.
- - Which people likely have each others’ telephone numbers and email addresses and use them often.
- - Which organizations have been especially active.

This table does not capture other connections, such as paper co-authorship or other collaborations, so it is just rough social network analysis, *likely with occasional errors*, and certainly with omissions.

Table A.6.2 People X (Activities &amp; Organizations)

Table A.6.2 (a) Most Active People X Activities Chronological==>	GMI1990	Heidel1992	SIPP1993	Leipzig1995-	A.Santer	OISM1998	GCST	US.CONG	GMI2002	GMI2003	A.Oreskes	GMI2005	GMI2005a	A.HOCKXX	A.Hockey	Stock2006	TGS2007	BALI2007	Heart#1	NIPCC2008	GRE2008	Heart#2	Manhat2009	CATO2009	APS2009	Heart#3	NIPCC2009	HeartExp#1	Helmer2009	HeartExp#2	A.GATE	A.CRU.Parl		
Tobacco	T	T	T	T	T	T	T		T	T		T	T	T			T	T	T	T		T	T	T	T	T	T	T	T	T				
Funding in A.6.1	\$	\$	\$	\$	\$	\$	\$		\$	\$		\$	\$	\$					\$	\$		\$	\$	\$	\$	\$	\$	\$	\$	\$				
Non-profit 501(c)3	n	n	n	n	n	n	n		n	n		n	n	n					n	n		n	n	n	n	n	n	n	n	n				
Avery, Dennis					5						5			?	4				3	3		3						3	2		4			
Baliunas, Sallie	2					5		2	3	3				X	5	3													2					
Ball, Timothy					4						4				4		3	2	3										2	2	4			
Balling, Robert				2	5										4				4										2	2				
Bast, Joseph											5			?	4				5	5		5				5	5	5	5	5	5			
Boehmer-Christi..											5			X	4			2				5			2			2	2			4		
Carter, Robert															5	3		2	3	3		2		2		3	3	4	2					
Christy, John R	4				5									?	4		3											2	2	5				
D'Aleo, Joseph						1									3				3	3		3		2			3	2	2					
de Freitas, Chris				2											4														2					
Douglass, David					5	1					4								3			3	2	2	1			2	2					
Ebell, Myron							4	3		5		5	5	X	4				3			3						2			5			
Essex, Christoph..								2						X	4			2				3		2				2			5			
Ferguson, Robert						?					5			X	4							3				3		2			5			
Gould, Laurence						1									4							3		2	5			2						
Happer, William					4	1		2	3					X	4									2	5							5		
Harris, Tom														X	4			5	3					5				2	2	5				
Hayden, Howard				2		1					5				4			2	3			3	3	2	1			2	2					
Horner, Chris											5	5		X	4				3			3						2	2	5				
Idso, Craig															4			2	3	3		3		2			5	2	2	5				
Idso, Sherwood						1			3									2						2										
Inhofe, James					4			5			5	5		X	5											4					5			
Jastrow, Robert	5		3			1			3	3				X																				
Kueter, Jeff								2		5	4		5	X	4												3				5			
Labohm, Hans		2													4			2		3	5						3	2	4		5			
Legates, David R				2				2	3						4			2	2				3		2			2			5			
Lewis, Marlo, Jr														X	4				2				3					2			5			
Lindzen, Richard		2	3	2		1		2			5			?	4		3	2	4				4		2		4	2			5			
McIntyre, Steve								2		5			5	X	5	3							3					2			5	4		
McKittrick, Ross								2		5			5	X	5			2	4				3		2			2	4	2	5	4		
Michaels, Patrick				2	5			2	3	3	4			X	4		3		4				3		2		3	2			5			
Milloy, Steve							4				5				5		2		3									2	2		5			
Monckton, Chris..					5						5				5					3	3		4				4	3	2		5			
Morano, Marc					3			4			5			?	5					3			3					2	2		5			
Nova, Joanne															5								3					2			5			
O'Brien, James J	3							2										2	3				3					2	2					
O'Keefe, William	2								5	4	4	5		X	4																			
Peiser, Benny											5									3			3					2	4		5	5		
Robinson, Arthur						5									4								4					2						
Salmon, Jeffrey							4	4						X																				
Seitz, Frederick	5		2	2	5	5								X					3	3														
Singer, S. Fred		5	5	5	5	1	4	2	3	3	5	?	?	X		3	3	2	4	5	3	3	3		5	3	5	2	5		5			
Smith, Fred			3											X																	2			
Solomon, Lawr...											4				4								4							2	5			
Soon, Willie						5				3	4			X	5	3				3			4					3						
Spencer, Roy					4	1					2			?	4		3	2	3				3	3	2		4	2			5			
Thorning, Margot																												2	2					
Watts, Anthony				2							4				4					3			3				3	2				5		

Table A.6.2 (b) Most Active People X Organizations-1 Alphabetical==>	ACSH	AnnapCtr	APCO	API	CATO	CEI	CFACT	CHC	E&E	FF	FF/CSP	FoS	Fraser	FreeWork	GCC	GES	GMI	GMU	GWPF	Heartland	ICECAP	ICSC	NRSP	SEPP	SPI	TASSC	TCS	WCR	WSJ
Tobacco				T		T						T								T									
Funding in A.6.1	\$	\$			\$	\$	\$				\$		\$	\$			\$	\$		\$			\$	?	?	\$	\$		
Non-profit 501(c)3	n	n			n	n	n				n	n	n	n			n	n	n	n	n		n	n	?		n		
Avery, Dennis																					4								
Baliunas, Sallie	3	3		3		3	3					3			3	3	4				5	3					3	4	4
Ball, Timothy												4					3				4	3	5				3		
Balling, Robert					2	3							2			3					4	3					3	4	
Bast, Joseph																					5								
Boehmer-Christi..					2				5												4								
Carter, Robert					2																5	3			4	3			
Christy, John R					3				3								4				4								
D'Aleo, Joseph					2			3					3								3	5			4				
de Freitas, Chris												3									4	3	3						
Douglass, David					2				3												3								
Ebell, Myron				3		4	4	5		2				2			4				4								
Essex, Christoph..					2																4								
Ferguson, Robert								3			5			2							4				5				
Gould, Laurence					2																4				2				
Happer, William					2												5				4								
Harris, Tom			4																		5	5	4						
Hayden, Howard					2		3														4		3						
Horner, Chris						4		4		4	4						3				4						3		
Idso, Craig					2				3												4	3			4				
Idso, Sherwood					2		3		3								3				2								
Inhofe, James		2															5				5								4
Jastrow, Robert																	5				5								
Kueter, Jeff																	5				3								
Labohm, Hans									3												4	3					3		
Legates, David R					2	3			3								3				4		3	3	3	3			
Lewis, Marlo, Jr						4		5													4						3		
Lindzen, Richard		2			2			4	3								4		3		4		3				3		5
McIntyre, Steve						3		3	3								4				5								4
McKittrick, Ross			2		2				3			3	4				4				5								4
Michaels, Patrick			3		4				3							3	3	3			4	3					3	5	5
Milloy, Steve			3	3	3	3		3													5					5	3		
Monckton, Chris..							3														5	3			4				
Morano, Marc							4														5								
Nova, Joanne																					5				4				
O'Brien, James J													3				3				3	3			3	3			
O'Keefe, William				5		4								5			5				4								
Peiser, Benny									5										5		3						3		
Robinson, Arthur									3												4								
Salmon, Jeffrey					3												5												
Seitz, Frederick																	5				3			4					5
Singer, S. Fred	3		3	3	3				3	3							5				4	3		3	5	3			4
Smith, Fred						5								2															
Solomon, Lawr...																					4								
Soon, Willie				2				3	3		3	3				3	4				5				4		3	3	
Spencer, Roy					2												4				4	3					3		
Thorning, Margot																	3												
Watts, Anthony																					4				3				

Table A.6.2 (c) Most Active People X Organizations-2 Alphabetical ==>	ACCF	ACSC	AdTI	AEF	AEI	AIA	AIM	ALEC	Atlas	ATR	Commwlt	CSCDGC	ELC	Heritage	Hoover	Hudson	InstHmn	IPA	Lavoiser	Manhattan	NCPA	NCPPR	NZCSC	PRI	Reason	SciAll	STATS	TII	UofR-Phys	WFA
Funding in A.6.1			T		T			T		T				T				T		T				T	T			T		
Non-profit 501(c)3	\$	\$		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Avery, Dennis	n		n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Avery, Dennis														3	3	4				3						3	3			4
Baliunas, Sallie																														
Ball, Timothy																				3										
Balling, Robert	2																						3	2						4
Bast, Joseph																														
Boehmer-Christi..																										3				
Carter, Robert		4																	3				3							
Christy, John R																														
D'Aleo, Joseph																														
de Freitas, Chris																			3				3							
Douglass, David																													4	
Ebell, Myron																														
Essex, Christoph..																														
Ferguson, Robert																														
Gould, Laurence															2															
Happer, William																														
Harris, Tom																														
Hayden, Howard																														
Horner, Chris																														
Idso, Craig												4																		
Idso, Sherwood												5																		
Inhofe, James																														
Jastrow, Robert																														
Kueter, Jeff																														
Labohm, Hans																														
Legates, David R																				3								4		
Lewis, Marlo, Jr														3											4					
Lindzen, Richard	2																											2		
McIntyre, Steve																														
McKittrick, Ross																														
Michaels, Patrick																														5
Milloy, Steve																														
Monckton, Chris..																										4				
Morano, Marc																														
Nova, Joanne																														
O'Brien, James J																														
O'Keefe, William																														
Peiser, Benny																										3				
Robinson, Arthur																														
Salmon, Jeffrey												4																		
Seitz, Frederick						3						4																		
Singer, S. Fred			3											3		3				2									3	
Smith, Fred																														
Solomon, Lawr...																														
Soon, Willie																														
Spencer, Roy																														
Thorning, Margot	4																													
Watts, Anthony																														

Table A.6.2 (d) Active People X Activities Chronological ==>	GMI1990	Heidel1992	SIPP1993	Leipzig1995-	A.Santer	OISM1998	GCST	US.CONG	GMI2002	GMI2003	A.Oreskes	GMI2005	GMI2005a	A.HOCKXX	A.Hockey	Stock2006	TGGS2007	BALI2007	Heart#1	NIPCC2008	GRE2008	Heart#2	Manhat2009	CATO2009	APS2009	Heart#3	NIPCC2009	HeartExp#1	Helmer2009	HeartExp#2	A.GATE	A.CRU.Parl
Adams, John					?	4									4											1						
Alexander, Ralph										3				?												1						
Ambrose, Jay														?																		
Ames, Bruce	2													?																		
Austin, Robert H.								2						?												5						
Barton, Joe								5						X	4																	
Bouchey, Lynn							4																									
Canavan, Gregory														?												1						
Cervený, Randall																												2				
Cleary, Peter							4																									
Cohen, Roger W.					1																				2							
Crandall, Canda..							4																									
Crok, Marcel														X	4						4										4	
Davis, Robert E.					1																											
Delingpole, James																													4		5	
Dyson, Freeman					1														2										2			
Enstrom, James E					1																					1						
Garrigan, Lee							4																									
Gehri, Robert							4																									
Gelman, Charles					1																											
Georgia, Paul J								4						?																		
Herlong, Mark														X																		
Hogan, J. Aloysius								4		3				X																		
Knappenberger, P..				3										?																		3
Kneiss, Sharon							4																									
Knox, Robert S					1																				2	1						
Lawson, Nigel															4	3	2														5	5
Lewis, Harold W					1																					5						
Lomborg, Bjorn															4													2		2		
Luntz, Frank								4						?																		
Marohasy, Jennifer										5					4										2						5	
Nichols, Rodney					1									?												1						
Nierenberg, Will..	5		2																													
Posmentier, Eric																												2		2		
Randol, Randy							4	3						?																		
Rapp, Donald					1										4											1						
Rothbard, David							4																									
Scafetta, Nicola															3											1	3					
Smith, Fran										2				X																	5	
Sproull, Robert L														X																		
Starr, Chauncey			2		1			3						?																		
Stilbs, Peter																5		2					2		1							
Valentine, Brian																						3		2						2		
Walker, Joe					?	5																										
Wegman, Edward								2						X	4			2														
Wheeler, Andrew												5		X																		
Whitfield, Ed								5						X																		
Wojick, David																		2										2	2			

Table A.6.2 (e) Active People X Organizations-1 Alphabetical ==>	ACSH	AnnapCtr	APCO	API	CATO	CEI	CFACT	CHC	E&E	FF	FF/CSPP	FoS	Fraser	FreeWork	GCC	GES	GMI	GMU	GWPF	Heartland	ICECAP	ICSC	NRSP	SEPP	SPPI	TASSC	TCS	WCR	WSJ
Adams, John																													
Alexander, Ralph																				4									
Ambrose, Jay																	3												
Ames, Bruce			3														4							4					
Austin, Robert H.																													
Barton, Joe		2																		4									
Bouchey, Lynn				3						3																			
Canavan, Gregory																	4												
Cerveny, Randall																													
Cleary, Peter				3				3																					
Cohen, Roger W.					2																								
Crandall, Canda..				3																				4					
Crok, Marcel																				4									
Davis, Robert E.																	2										3	4	
Delingpole, James																													
Dyson, Freeman																	2		3	2									
Enstrom, James E	4		3																										
Garrigan, Lee				3																									
Gehri, Robert				3																									
Gelman, Charles																								4					
Georgia, Paul J								3		4	4																3		
Herlong, Mark																	5												
Hogan, J. Aloysius																	3												
Knappenberger, P..																									3			4	
Kneiss, Sharon				4																									
Knox, Robert S					2																								
Lawson, Nigel																			5	4									
Lewis, Harold W						4																							
Lomborg, Bjorn									4											4									
Luntz, Frank																													
Marohasy, Jennifer					2															4									
Nichols, Rodney	4																4												
Nierenberg, Will..																	5							4					
Posmentier, Eric																	3												
Randol, Randy				5																									
Rapp, Donald																				4									
Rothbard, David				4			5																						
Scafetta, Nicola																				3					3				
Smith, Fran						4		3									2												
Sproull, Robert L																	4												
Starr, Chauncey																	4							4					
Stilbs, Peter																						3							
Valentine, Brian					2															2									
Walker, Joe				4																									
Wegman, Edward																	3	4											
Wheeler, Andrew																	4												
Whitfield, Ed																													
Wojick, David									3									3		2									

Table A.6.2 (f) Active People X Organizations-2 Alphabetical ==>	ACCF	ACSC	AdTI	AEF	AEI	AIA	AIM	ALEC	Atlas	ATR	Commwit	CSCDGC	ELC	Heritage	Hoover	Hudson	InstHmn	IPA	Lavoiser	Manhattan	NCPA	NCPPR	NZCSC	PRI	Reason	SciAll	STATS	TII	UofR-Phys	WFA
Adams, John																														
Alexander, Ralph																														
Ambrose, Jay															3															
Ames, Bruce																					3									
Austin, Robert H.																														
Barton, Joe																														
Bouchey, Lynn																														
Canavan, Gregory																														
Cervený, Randall																														
Cleary, Peter										4																				
Cohen, Roger W.																														
Crandall, Canda..																					3									
Crok, Marcel																														
Davis, Robert E.																													4	
Delingpole, James																														
Dyson, Freeman																														
Enstrom, James E																														
Garrigan, Lee																														
Gehri, Robert																														
Gelman, Charles																														
Georgia, Paul J																														
Herlong, Mark																														
Hogan, J. Aloysius																														
Knappenberger, P..																													4	
Kneiss, Sharon																														
Knox, Robert S																												4		
Lawson, Nigel																														
Lewis, Harold W																														
Lomborg, Bjorn																														
Luntz, Frank																														
Marohasy, Jennifer			5														3			3										
Nichols, Rodney																														
Nierenberg, Will..																														
Posmentier, Eric																														
Randol, Randy																														
Rapp, Donald																														
Rothbard, David																														
Scafetta, Nicola																														
Smith, Fran																														
Sproull, Robert L												4																4		
Starr, Chauncey																														
Stilbs, Peter																														
Valentine, Brian																														
Walker, Joe																														
Wegman, Edward																														
Wheeler, Andrew																														
Whitfield, Ed																														
Wojick, David																														

Table A.6.2 (g) Remaining People X Activities Chronological ==>	GMI1990	Heidel1992	SIPP1993	Leipzig1995-	A.Santer	OISM1998	GCST	US.CONG	GMI2002	GMI2003	A.Oreskes	GMI2005	GMI2005a	A.HOCKXX	A.Hockey	Stock2006	TGGS2007	BALI2007	Heart#1	NIPCC2008	GRE2008	Heart#2	Manhat2009	CATO2009	APS2009	Heart#3	NIPCC2009	HeartExp#1	Helmer2009	HeartExp#2	A.GATE	A.CRU.Parl
Campbell, Amanda								4														1										
Carty, William R D								4						?								1										
Clancy, Thomas L														?																		
Coffey, Jerry														X																		
Cooney, Philip								4						?																		
Dempsey, Matt								4						?																	4	
Fuller, Tom						?					5				5																5	
Gorman, Teresa								3						?																		
Healy, Bernadine														?																		
Helmer, Roger																													5		3	
Keenan, Douglas																															3	
Kline, Malcom A.																																
Kotschwar, Lance								4						?								1										
Krauthammer, Ch..																																
Lungren, David								4						?																4		
Mason, John															4																	
McGinley, Jean M								4						X																		
Miller, Lisa M								4						?								1										
Montford, Andrew															5															5	3	
Moore, John H																															5	3
Mosher, Stephen															4																5	3
Moya, Susan							3							?																		
Neal, Larry								4						X																		
Nikolich, Milan																																
Paoletta, Mark R								4						X																		
Perhach, William								4						X																		
Reeves, Denise														X																		
Regalado, Anton..														X	4																	
Rigsby, John T.														X																		
Ross, Michelle							3							?																		
Said, Yasmin								1						X																		
Schlesinger, Jam..																																
Scott, David W.									1					X																		
Shanahan, John								4																								
Sills, Hilary								3						?																		
Spencer, Peter								4						X								1										
Spring, Andrea L.								4														1										
Stotts, Bethany																																
Thauerskold, Mag..																						1										2
Wamsted, Dennis					3																											
Willis, Lynn														X																		

Table A.6.2 (h) Remaining People X Organizations-1 Alphabetical ==>	ACSH	AnnapCtr	APCO	API	CATO	CEI	CFACT	CHC	E&E	FF	FF/CSPP	FoS	Fraser	FreeWork	GCC	GES	GMI	GMU	GWPF	Heartland	ICECAP	ICSC	NRSP	SEPP	SPPI	TASSC	TCS	WCR	WSJ
Campbell, Amanda																													
Carty, William R D																													
Clancy, Thomas L																	4												
Coffey, Jerry																													
Cooney, Philip																													
Dempsey, Matt																													
Fuller, Tom																				5									
Gorman, Teresa																													
Healy, Bernadine																	4												
Helmer, Roger																													
Keenan, Douglas																													
Kline, Malcom A.																													
Kotschwar, Lance																													
Krauthammer, Ch..																	2												
Lungren, David																													
Mason, John																				4									
McGinley, Jean M																													
Miller, Lisa M																	4												
Montford, Andrew																													
Moore, John H	5																4												
Mosher, Stephen																													
Moya, Susan				3																									
Neal, Larry																													
Nikolich, Milan																	4												
Paoletta, Mark R																													
Perhach, William																													
Reeves, Denise																													
Regalado, Anton..																				4								5	
Rigsby, John T.																													
Ross, Michelle				3														3											
Said, Yasmin																		3	4										
Schlesinger, Jam..																		3											
Scott, David W.																													
Shanahan, John																													
Sills, Hilary																													
Spencer, Peter																													
Spring, Andrea L.																													
Stotts, Bethany																													
Thauerskold, Mag..																													
Wamsted, Dennis																													
Willis, Lynn																	4												

Table A.6.2 (i) Active People X Organizations-2 Alphabetical ==>	ACCF	ACSC	AdTI	AEF	AEI	AIA	AIM	ALEC	Atlas	ATR	Comnwlt	CSCDGC	ELC	Heritage	Hoover	Hudson	InstHmn	IPA	Lavoiser	Manhattan	NCPA	NCPPR	NZCSC	PRI	Reason	SciAll	STATS	TII	UofR-Phys	WFA
Campbell, Amanda																														
Carty, William R D																														
Clancy, Thomas L																														
Coffey, Jerry																														
Cooney, Philip																														
Dempsey, Matt																														
Fuller, Tom																														
Gorman, Teresa																														
Healy, Bernadine																														
Helmer, Roger																														
Keenan, Douglas																														
Kline, Malcom A.						5																								
Kotschwar, Lance																														
Krauthammer, Ch..																														
Lungren, David																														
Mason, John																														
McGinley, Jean M																														
Miller, Lisa M																														
Montford, Andrew																														
Moore, John H																														
Mosher, Stephen																														
Moya, Susan																														
Neal, Larry																														
Nikolich, Milan																														
Paoletta, Mark R																														
Perhach, William																														
Reeves, Denise																														
Regalado, Anton..																														
Rigsby, John T.																														
Ross, Michelle																														
Said, Yasmin																														
Schlesinger, Jam..																														
Scott, David W.																														
Shanahan, John								4																						
Sills, Hilary																														
Spencer, Peter																														
Spring, Andrea L.																														
Stotts, Bethany						4																								
Thauerskold, Mag..																														
Wamsted, Dennis																														
Willis, Lynn																														

## Commentary on A.6.2

None of this report is intended to imply guilt-by-association, especially since some people are simply listed as examples of the structure of **Figure 2.1**, some by emails whose exact context is unclear and some by brief mentions in other interesting places. Still, voluntary social networks can be useful in guiding possible investigations, especially when activities involve relatively few people who appear repeatedly.

*In A.6.2(a-b), both people and organizations and people are well-connected. Most likely every person knows many of the others. Some have cooperated over 20 years or longer. If the reader would imagine the map of People X People within that first group, most cells would be filled. Likewise, if the reader would imagine the map of Organizations X Organizations, filling cells for joint activities and people in common, using just the people listed there, most cells would be filled. I started constructing those maps, but it was an obvious waste of time. Of course, **Jastrow**, **Seitz**, and **Starr** died 2007-2008 and **Nierenberg** in 2000, but they are listed given the key role of **GMI**, and 3 were alive during the entire 1998-2006 period.*

*Moving across to A.6.2(c), organizational connections are less dense, at least based on these people. Some of these organizations do share common directors, staff who've moved around, and sometimes even addresses, but the focus on climate science intersections means those are ignored. Of course, funding commonality is fairly clear among many. Likewise, many "Co-Sponsor" **Heartland** conferences.*

*Moving down to A.6.2(d-f) new names may be progressively less well-connected to many of the earlier people, but are usually tightly connected to a few.*

*In A.6.2(a-c), It is likely that the **Singer** would know almost everyone. **Baliunas**, **Ebell**, **Horner**, **Michaels**, **Soon** and **Spencer** have long been especially active. **GMI**, **CATO** and **CEI** have played major roles, but **Heartland** has clearly risen in the last few years, getting funding for big conferences, paying for large reports, like **NIPCC** and paying for government employees' attendance. As noted under A.3.Heartland, the sources of the recent funding surge are not visible to me.*

*E&E was a key journal. The **WSJ** has been helpful, as was the **National Post** in Canada (DC blog often covers that). Although this particular effort is US-centric, many countries are represented in A.6.2(a): **Ball** (CA), **Boehmer-Christiansen** (UK), **de Freitas** (NZ), **Essex** (CA), **Harris** (CA), **Labohm** (NE), **McIntyre** (CA), **McKittrick** (CA), **Monckton** (UK), **Nova** (AU), **Peiser** (UK), **Solomon** (CA). Adding A.6.2(d) includes **Carter** (AU), **Crok** (NE), **Lawson** (UK), **Marohasy** (AU), **Stilbs** (SE). Via visits, conferences, cooperation, journal publication, connections easily cross borders. These tables represent a slice of a much larger spreadsheet that lists about 500 people, 30 activities, and 140 organizations. At least 50-100 more people could have been included in the A.6.2(d-f) grouping, not even including the large number of journalists/bloggers/commentators who might deserve mention.*

*Any of these people can be members of many other networks. A small, but intense network of physicists signed **APS2009**. Some of the emails in A.9 offer tantalizing glimpses into networks of lobbyists, industry people, advocates, politicians, and staffers, for whose analysis I simply did not have time. Finally, various electronic media offer many networking possibilities.*

## A.7 Individuals in Detail

This Appendix is an alphabetical list of relevant people mentioned here, with (sometimes rough) working notes for each person. Some was derived from [MAS2009], hopefully editing away most irrelevant material. If I missed deleting dangling references, look there. The following are useful lists:

[www.sourcewatch.org/index.php?title=Global\\_warming\\_skeptics](http://www.sourcewatch.org/index.php?title=Global_warming_skeptics)

[www.desmogblog.com/global-warming-denier-database](http://www.desmogblog.com/global-warming-denier-database)

Some names are quite familiar, and have often been involved with the activities described here. Some are listed because their names turned up at interesting meetings or on interesting email lists. A few are simply included as examples of various roles from **Figure. 2.1**.

However, careful study of people here offers some interesting patterns.

Many of the people here have no credible background in climate science. The few who do often publish quite different things in OpEds than they do in peer-reviewed journals. Quite a few economists, lawyers, PR people, lobbyists, TV presenters, non-degreed tobacco-supporters opine strongly on climate *science*.

Many denigrate the research of well-published scientists, never having done much, if any themselves. Some make their livings doing this. Some supplement their incomes. The reader might refer back to **Figures 2.2-2.6** and speculate on where some of these fit. *Some must surely do it to get anyone to listen to them, as perhaps few are interested otherwise.* For example, if someone cannot publish peer-reviewed research and cannot get talks accepted at real science conferences, any speaking invitations may be welcome. In some venues, all it takes to get applause is to collect a set of long-debunked memes, some bad charts, and some political cartoons, much easier to do than doing real science.

This Appendix is designed as reference material that few would ever read sequentially, it contains some redundancy to make most entries stand alone on paper. The reader might check Table **A.6.2** for overviews of People X Activities and Organizations, one line per person. See especially **A.6.2(a)** for the activities of many of the more active people here, and **A.6.2(b)** for the organizations most often involved.

### Adams, John

John Adams Associates (O3, maybe O4)

[www.johnadams.com](http://www.johnadams.com)

“is a highly-experienced, full service, independent public affairs and issues management firm dedicated to bringing strategic insight and tactical know-how to clients' individual needs. Our partnership in The WORLDCOM Group, the largest international network of public affairs firms, teams us with more than 1,700 professionals in every important market worldwide

**Activities:** GCST

### Alexander, Ralph B.

Former Associate Professor of Physics Wayne State University

President, R.B. Alexander & Associates Technology and market analysis in environmentally friendly materials and coatings

Author, Global Warming False Alarm (Canterbury)

**Activities:** APS2009

**People:** His book thanks **Hayden** and **Spencer** for answering his questions

**Fields:** Nuclear, materials science consulting

**Notes:** Oxford physics PhD

Oxford + Atomic Energy Research, Harwell; by 1974, Physics @ Aarhus, DK; by 1982 @ Wayne State.

[www.amazon.com/Global-Warming-False-Alarm-Assertion/dp/0984098909](http://www.amazon.com/Global-Warming-False-Alarm-Assertion/dp/0984098909)

[prola.aps.org/abstract/PRB/v9/i7/p3022\\_1](http://prola.aps.org/abstract/PRB/v9/i7/p3022_1)

“Ralph B. **Alexander** is currently a senior market analyst in environmentally friendly materials and industrial processes, at a small Midwest consulting firm. With a PhD in physics from Oxford University, Dr. **Alexander** has been a researcher at laboratories in Europe and Australia, a professor at Wayne State University in Detroit, and the co-founder of a small high-tech materials company.”

[www.rowantechnology.com/Alexander-r.htm](http://www.rowantechnology.com/Alexander-r.htm) :

\*His 2009 book, *Global Warming False Alarm*, says:

“Global warming may be real, but there’s hardly a shred of good scientific evidence that it has very much to do with the amount of CO<sub>2</sub> we’re producing...” p.1.

Quotes: **Lindzen**, **OISM**, **Peiser**’s refuted attack on Oreskes.

“As a scientist, what I personally find most troubling about the global warming debate is the gross misuse of science by those on the alarmist side. The worst public offender is the **IPCC**,” p.6

**Alexander** simply does not accept the physics of greenhouse gasses. He cannot get simple history right. **Peiser**’s attack on Oreskes was not only totally refuted by Tim Lambert, but **Peiser** even publicly admitted that every one of the abstracts he thought disagreed with AGW did not.

This book positively cites a paper by Ernst-Georg Beck and uses its data in Figure 3.5. See discussion of that paper under **Hayden**, who also used it in his book. That is pseudoscience, and poor pseudoscience at that. Any experimental scientist should be able to recognize major problems with measurement errors. He has not signed **OISM1998**, *seems not particularly connected, and not really very familiar with the various arguments, but is an example of a replicator of common memes. If people want climate anti-science, Michaels or Singer are more sophisticated sources.*

### **Ambrose, Jay**

He was director of editorial policy for Scripps Howard newspapers.

[www.i2i.org/main/author.php?author\\_id=98](http://www.i2i.org/main/author.php?author_id=98)

“He has been a media fellow at the Hoover Institute at Stanford University.”

*He was probably invited in hopes of getting press coverage.*

**Activities:** **GMI2003**, **A.HOCKX(?)**

**Organizations:** Hoover

### **Ames, Bruce N.**

**Activities:** **A.HOCKX(?)**

**Organizations:** (Advisor) **CFACT**, **TASS**; (Director) **GMI**, **SEPP**, (Senior Fellow) **NCPA**

[web.archive.org/web/20051126075641/www.marshall.org/experts.php?id=40](http://web.archive.org/web/20051126075641/www.marshall.org/experts.php?id=40)

“Bruce N. Ames is Professor of Biochemistry and Molecular Biology and Director of the National Institute of Environmental Health Sciences Center at the University of California, Berkeley and Senior Research Scientist at Children’s Hospital in Oakland. He is a member of the National Academy of Sciences and is the author of 450 scientific publications. Internationally known as the developer of the “Ames test” for determining potential carcinogens, Dr. Ames has recently focused his research on the relationship between diet and carcinogens.”

*This might seem an odd choice, but recall Seitz’s connections with tobacco companies.*

[www.sourcewatch.org/index.php?title=Bruce\\_Ames](http://www.sourcewatch.org/index.php?title=Bruce_Ames).

**Contrib:** R’00-’08, R: \$40,850 (spread very widely)

[www.newsmeat.com/fec/bystate\\_detail.php?city=Berkley&st=CA&last=ames&first=bruce](http://www.newsmeat.com/fec/bystate_detail.php?city=Berkley&st=CA&last=ames&first=bruce)

[www.newsmeat.com/fec/bystate\\_detail.php?st=CA&last=ames&first=bruce&city=Berkeley](http://www.newsmeat.com/fec/bystate_detail.php?st=CA&last=ames&first=bruce&city=Berkeley) (2 pages)

### **Austin, Robert H.**

Professor of Physics

Princeton University

Fellow APS, AAAS; APS Council: 1991-1994, 2007-2010

Member National Academy of Sciences, American Association of Arts and Sciences

**Activities:** (organizer) **APS2009**, has spoken to Inhofe EPW on climate, so US. CONG

**People:** **Happer** (same department); (other **APS2009** organizers) **Cohen**, **Gould**, **H.Lewis**, **Singer**

**Fields:** Biophysics; DNA; biomolecules; microlithography

**Locations:** NJ; Princeton

**Employers:** Princeton U

**Notes:** Hope College, MI BA 1968; U off Illinois Physics MS 1970 PhD 1975

Postdoc UofI, then MaxPlanck Goettingen; Princeton 1979-

[Austingroup.princeton.edu/](http://Austingroup.princeton.edu/)

[www.zoominfo.com/Search/ReferencesView.aspx?PersonID=447675&lastName=Austin&firstName=Robert&searchSource=page&page=5](http://www.zoominfo.com/Search/ReferencesView.aspx?PersonID=447675&lastName=Austin&firstName=Robert&searchSource=page&page=5)

[www.princeton.edu/physics/people/faculty/robert-Austin/](http://www.princeton.edu/physics/people/faculty/robert-Austin/)

[www.zoominfo.com/people/Austin\\_Robert\\_447675.aspx](http://www.zoominfo.com/people/Austin_Robert_447675.aspx)

[www.princeton.edu/pr/catalog/gsa/06/351.htm](http://www.princeton.edu/pr/catalog/gsa/06/351.htm)

[epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord\\_id=10FE77B0-802A-23AD-4DF1-FC38ED4F85E3](http://epw.senate.gov/public/index.cfm?FuseAction=Minority.Blogs&ContentRecord_id=10FE77B0-802A-23AD-4DF1-FC38ED4F85E3)

“Unfortunately, Climate Science has become Political Science... It is tragic that some perhaps well-meaning but politically motivated scientists who should know better have whipped up a global frenzy about a phenomena which is statistically questionable at best,” Austin told the minority staff on the Environment and Public Works Committee on March 2, 2009.”

### **Avery, Dennis**

Agricultural economist at **Hudson**, but writes often on climate

[www.hudson.org/learn/index.cfm?fuseaction=staff\\_bio&eid=AverDenn](http://www.hudson.org/learn/index.cfm?fuseaction=staff_bio&eid=AverDenn)

[www.sourcewatch.org/index.php?title=Dennis\\_Avery](http://www.sourcewatch.org/index.php?title=Dennis_Avery)

[www.heartland.org/policybot/results/24044/Global\\_Warming\\_Alarmists\\_Sabotage\\_Wikipedia\\_Entries.html](http://www.heartland.org/policybot/results/24044/Global_Warming_Alarmists_Sabotage_Wikipedia_Entries.html)

[www.cgfi.org/2005/01/10/a-false-consensus-on-global-warming](http://www.cgfi.org/2005/01/10/a-false-consensus-on-global-warming) **A.Oreskes**

[www.hudson.org/index.cfm?fuseaction=publication\\_details&id=6623](http://www.hudson.org/index.cfm?fuseaction=publication_details&id=6623) **A.GATE**

[www.cgfi.org/2010/02/16/ipcc-science-scandals-aren%E2%80%99t-new-by-dennis-t-avery](http://www.cgfi.org/2010/02/16/ipcc-science-scandals-aren%E2%80%99t-new-by-dennis-t-avery) **A.Santer**

**Activities:** A.Hockey, A.Oreskes, A.Santer, all in [SIN2007] with Singer; A.GATE, HeartExp#1, HeartExp#2

**Organizations:** **Hudson**; (Senior Fellow ) **Heartland**

**People:** **Singer, Bast**

### **Baliunas, Sallie**

Harvard-Smithsonian Center for Astrophysics

[en.wikipedia.org/wiki/Sallie\\_Baliunas](http://en.wikipedia.org/wiki/Sallie_Baliunas)

[www.marshall.org/experts.php?id=38](http://www.marshall.org/experts.php?id=38)

[www.sourcewatch.org/index.php?title=Sallie\\_L.\\_Baliunas](http://www.sourcewatch.org/index.php?title=Sallie_L._Baliunas)

[www.exxonsecrets.org/html/personfactsheet.php?id=3](http://www.exxonsecrets.org/html/personfactsheet.php?id=3)

[epw.senate.gov/stml\\_107.htm](http://epw.senate.gov/stml_107.htm) March 13, 2002 Senate EPW

[www.int-res.com/articles/cr2003/23/c023p089.pdf](http://www.int-res.com/articles/cr2003/23/c023p089.pdf) [SOO2003]

[rabett.blogspot.com/2008/07/who-paid-for-that-one-of-things-you.html](http://rabett.blogspot.com/2008/07/who-paid-for-that-one-of-things-you.html) points at payments

“This scientific research was supported by generous grants from the Charles G. Koch Charitable Foundation, American Petroleum Institute, and Exxon-Mobil Corporation. The views expressed herein are solely those of the author and are independent of sources providing support.”

**Activities:** **GMI1990, OISM1998, GMI2002, A.HOCKX, HeartExp#1, Stock2006, US.CONG** (March 13, 2002, at least)

**Organizations:** **ACSH, AnnapCtr, API, CEI, CFACT, Charles G. Koch, GCC, GES, GMI, Heartland, Heritage, Hoover, ICECAP, Manhattan, SciAll; STATS, TCS, WCR, WSJ**  
Especially involved with **GMI** over many years in various roles.

**People:** **Jastrow; Soon;** many others.

**Fields:** Astrophysics

**Locations:** MA

**Employers:** Harvard-Smithsonian Center for Astrophysics (H-S CfA)

**Connections:** 1990 Nature paper, 1997 paper in The Explorer's Journal with **Jastrow**; was Deputy Director @ Mount Wilson Observatory, starting 1989, and ending no later than 2003, overlapped with **Jastrow**, who was Director 1992-2003. Was **GMI** Director, at least 12/21/96-03/13/05. <Y#>

**Notes:** Harvard, Astrophysics, MA 1975, PhD 1980.

[www.reason.com/news/show/30760.html](http://www.reason.com/news/show/30760.html)

[www.highbeam.com/doc/1P1-53868734.html](http://www.highbeam.com/doc/1P1-53868734.html)

Has written many astrophysics papers, but sometimes climate ones, generally ascribing warming to solar, or anything but GHGs. Some papers have not stood up at all well. She has written many more non-peer-reviewed climate pieces than peer-reviewed ones.

**WSJ** 12/04/97 ran a story based on an article of hers:

[zfacts.com/p/230.html](http://zfacts.com/p/230.html)

**Contrib:** D96, R96-00; R:\$3,000, D:\$1,000

[www.newsmeat.com/fec/bystate\\_detail.php?city=TOPSFIELD&st=MA&last=baliunas](http://www.newsmeat.com/fec/bystate_detail.php?city=TOPSFIELD&st=MA&last=baliunas)

### **Ball, Timothy (Canada)**

[en.wikipedia.org/wiki/Timothy\\_F.\\_Ball](http://en.wikipedia.org/wiki/Timothy_F._Ball)

[www.sourcewatch.org/index.php?title=Tim\\_Ball](http://www.sourcewatch.org/index.php?title=Tim_Ball)

[friendsofscience.org/index.php?cx=012135493227025700499%3A27xlp2iec8&id=387&cof=FORID%3A11%3BFCOL%3ABlue%3B&q=tim+ball+naomi+oreskes&sa=Search&siteurl=friendsofscience.org%2Findex.php%3Fid%3D196#797](http://friendsofscience.org/index.php?cx=012135493227025700499%3A27xlp2iec8&id=387&cof=FORID%3A11%3BFCOL%3ABlue%3B&q=tim+ball+naomi+oreskes&sa=Search&siteurl=friendsofscience.org%2Findex.php%3Fid%3D196#797)

[www.canadafreepress.com/index.php/article/17102](http://www.canadafreepress.com/index.php/article/17102) **A.Santer, A.GATE**

[www.canadafreepress.com/index.php/article/3151](http://www.canadafreepress.com/index.php/article/3151) **A.Hockey**

**Activities:** **A.Santer, A.Oreskes; A.Hockey, BALI2007, Heartland2008#1, HeartExp#1, TGGS2007**

**Organizations:** **FoS, GMI, Heartland, ICSC, NRSP, Frontier Center for Public Policy, TCS**

### **Balling, Robert C. Jr**

Arizona State University (see also **Cerveny**)

[geoplan.asu.edu/balling/](http://geoplan.asu.edu/balling/)

[geoplan.asu.edu/files/balling\\_2010.pdf](http://geoplan.asu.edu/files/balling_2010.pdf) *prolific writer and speaker; too many connections to list.*

[www.sourcewatch.org/index.php?title=Robert\\_C.\\_Balling](http://www.sourcewatch.org/index.php?title=Robert_C._Balling)

[thinkprogress.org/2006/05/26/balling-rebuttal](http://thinkprogress.org/2006/05/26/balling-rebuttal) **A.Hockey**

**Activities:** **Leipzig, A.Hockey, Heartland2008#1, HeartExp#1, Heart2008#2**

**Organizations:** **CEI, CFACT, Climate Research** (Review Editor, 2006, at least) **Fraser, GES, Heartland, PRI, WFA**

**People:** **Baliunas, Cerveny, Christy, Davis, C.Idso, S.Idso, Knappenberger, Michaels, Singer, Warwick S. Hughes. Co-author [MIC2009]**

Also, has done talks or articles for, at least:

**ACCF, CATO, Fraser, PRI, , Doctors for Disaster Preparedness, Society of Petroleum Engineers (SPE), American Association of Petroleum Geologists (AAPG), National Rural Electric Cooperative Association** (see Michaels), **Canadian Society of Petroleum Geologists, John Locke Foundation, many more.** He was also involved with ICE, the early 1990s effort by **WFA**.

### **Barton, Joseph (Representative, R-TX)**

Was Chairman, House Energy&Commerce, 2004-2006.

[archives.energycommerce.house.gov/reparchives/108/Hearings/07272006hearing2001/The\\_Honorable\\_Joe\\_Barton.htm](http://archives.energycommerce.house.gov/reparchives/108/Hearings/07272006hearing2001/The_Honorable_Joe_Barton.htm)

[www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00005656&type=C](http://www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00005656&type=C)

By contributions, Oil&Gas is #1, Electric Utilities is #2.

[www.thecre.com/quality/2005/2005\\_qualitya.html](http://www.thecre.com/quality/2005/2005_qualitya.html) Data Quality Act is fairly famous.

**Activities:** **A.HOCKX, A.Hockey**

**Organizations:** (awardee) **AnnApCtr**

**People: P.Spencer, McGinley; Barton** staffers **Campbell, Carty, Kotschwar, Miller, Spencer, and Spring**, all attended **Heart#2**, at **Heartland's** expense.

[www.legistorm.com/trip/list/by/sponsor/id/11321/name/Heartland\\_Institute.html](http://www.legistorm.com/trip/list/by/sponsor/id/11321/name/Heartland_Institute.html)

*It might be interesting to ask those staffers about the knowledge gained at that conference, and how it compared with any actual climate science conferences they've attended.*

**Carty, Miller, and Spencer** worked for Barton during 2005-2006.

06/23/05 **Barton** and **Whitfield** wrote letters to Pachauri, Bement, Mann, Bradley, Hughes  
[republicans.energycommerce.house.gov/108/Letters/06232005\\_1570.htm](http://republicans.energycommerce.house.gov/108/Letters/06232005_1570.htm) current; original is:  
[web.archive.org/web/20050624174711/energycommerce.house.gov/108/Letters/06232005\\_1570.htm](http://web.archive.org/web/20050624174711/energycommerce.house.gov/108/Letters/06232005_1570.htm)

The letters said:

"Questions have been raised, according to a February 14, 2005 article in *The Wall Street Journal*, about the significance of methodological flaws and data errors in studies you co-authored of the historical record of temperatures and climate change."

Questions were to be directed to **P.Spencer**.

*Does the House get its science from the WSJ? More to the point, this seems like meme-laundering, because Inhofe knew about this no later than 02/10/05 panel hosted by GMI with Ebell (CEI), Horner (CEI), O'Keefe (CEI), and Wheeler (EPW Staff Director/Chief Counsel).*

[www.marshall.org/pdf/materials/300.pdf](http://www.marshall.org/pdf/materials/300.pdf)

"The Senator will present four short speeches questioning the four pillars on which the alarmist view of climate change is based: the 2001 National Academy of Sciences report, the IPCC's reliance on Michael Mann's discredited "hockey stick" model, the Arctic climate impact assessment report, and the flawed data produced by climate models." p.10.

That was 02/10/05, 4 days before the **WSJ** article appeared. **Inhofe** was already gearing to attack Mann.  
*Could that timing have been random coincidence? Do Inhofe and GMI know no one at WSJ?*  
*The letters came out more than 4 months later. Is it plausible that Barton had to learn of this from the WSJ? Had he gone more than 4 months without talking to Inhofe, even though they were running the corresponding committees House and Senate?*

*Who wrote the technical parts of these letters for Barton and Whitfield?*

"However, in recent peer-reviewed articles in *Science, Geophysical Research Letters, Energy & Environment*, among others, researchers question the results of this work."

**E&E** is not generally peer-reviewed, and is of such low repute that it is not listed in Web of Science or anything else serious. It has the key **M&M** articles. Hence, this statement is at best incorrect.

06/24/05 **McGinley** (Energy&Commerce staff) created 5 PDF files on Friday afternoon between 4:11PM and 4:15PM, and placed them on the website. By 5:47PM, **Ebell** had mailed a combination of those files to one or more people, at least **Perhach** in the White House:

[www.slideshare.net/whitehouse/cei-email-62405](http://www.slideshare.net/whitehouse/cei-email-62405)

That looks like an email from **Ebell** to **Ebell**, but people commonly create a blind-copy list (**BCC:**), then set the **To:** field to their own email address, as some email systems require at least one such.

*Did Ebell know to be looking for this, and if so, how and when?*

*Would McGinley email logs be interesting.*

*Would the BCC list on Ebell's email be interesting?*

*Is it normal House practice when requesting information to:*

- 1) make such requests public almost instantly, before recipients could even confirm receipt?*
- 2) do so before anyone could possibly respond, and*
- 3) perhaps before recipients have even seen them? Especially if they were away.*

Was this a legitimate inquiry, or PR?

GRL is a Letters Journal, which guarantees Editorial Board Review, at least, and in this case did peer review, but *experienced people think peer review is just the first hurdle, not a guarantee of correctness or importance.*

*The “researchers” were mostly M&M, who both became GMI “Experts” early 2004. Of course “researchers” sounded more credible than “and economist and retired mining/petroleum person.”*

### **Bast, Joseph**

[www.globalwarmingheartland.org/profile.html?profile=6110DE2CC2614EF79267933376E6B380&directory=3B532E2483EE9165FD810C4DF38DBAEA](http://www.globalwarmingheartland.org/profile.html?profile=6110DE2CC2614EF79267933376E6B380&directory=3B532E2483EE9165FD810C4DF38DBAEA)

[www.sourcewatch.org/index.php?title=Joseph\\_Bast](http://www.sourcewatch.org/index.php?title=Joseph_Bast)

[www.heartland.org/article/9442/No\\_88\\_The\\_Questionable\\_Science\\_Behind\\_the\\_Global\\_Warming\\_Scare.html](http://www.heartland.org/article/9442/No_88_The_Questionable_Science_Behind_the_Global_Warming_Scare.html) **Activities:** A.Oreskes, A.HOCKX(?), A.Hockey

**Organizations:** Heartland; by cosponsor lists for Heartland conferences, must know many

**People:** many

President&CEO of Heartland, also listed as one of their “global warming experts.” He studied economics at U of Chicago, but apparently never completed the degree.

[www.heartland.org/policybot/results/20779/Testimony\\_Science\\_and\\_Global\\_Warming\\_What\\_Do\\_We\\_Know.html](http://www.heartland.org/policybot/results/20779/Testimony_Science_and_Global_Warming_What_Do_We_Know.html) James Taylor wrote (03/08/07):

“There is one empirical study claiming to support a consensus that global warming is man made. It is a widely cited (but seldom examined) study by Naomi Oreskes, a history professor in the Department of Gender Studies at the University of California-San Diego. Starting with the odd credentials of its author, this study falls well short of showing that a scientific consensus on global warming exists.”

The study has been heavily examined, and it is *truly bizarre* to characterize geoscientist/science historian Oreskes as a “Professor of Gender Studies” ... for having included (relevant) gender issues occasionally among her many talks and papers on history of science. [historyweb.ucsd.edu/oreskes/OreskesCV.pdf](http://historyweb.ucsd.edu/oreskes/OreskesCV.pdf)

On the other hand, Taylor has a law degree and works for Heartland:

[www.globalwarmingheartland.org/experts.html](http://www.globalwarmingheartland.org/experts.html)

[www.heartland.org/publications/environment%20climate/article/22363/Anatomy\\_of\\_a\\_Fake\\_Consensus.html](http://www.heartland.org/publications/environment%20climate/article/22363/Anatomy_of_a_Fake_Consensus.html)

*Non-degreed tobacco-advocate Bast* repeated the words later in 12/01/07.

### **Boehmer-Christiansen, Sonja**

Editor (with Peiser) of E&E (Energy and Environment)

[en.wikipedia.org/wiki/Sonja\\_Boehmer-Christiansen](http://en.wikipedia.org/wiki/Sonja_Boehmer-Christiansen)

[www.multi-science.co.uk/ee.htm](http://www.multi-science.co.uk/ee.htm)

[www.globalwarmingheartland.com/expert.cfm?expertId=133](http://www.globalwarmingheartland.com/expert.cfm?expertId=133)

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc2602.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc2602.htm)

**Activities:** A.CRU.Parl, A.HOCKX, A.Hockey, A.Oreskes, BALI2007, CATO2009, HeartExp#1, HeartExp#2, A

**Organizations:** CATO, E&E, Heartland, SciAll,

**People:** Peiser, Lindzen, M&M; many, given that E&E is the journal of choice

Much climate anti-science has been published in E&E that would not survive peer review, or even editorial review in credible journals. That does not mean every paper is poor, but it is generally considered “grey” and not listed in the Web of Science. Several key M&M papers were published here, later referenced in Wegman Report. Barton&Wakefield letters claimed that E&E was “peer-reviewed.”

[www.desmogblog.com/sonja-boehmer-christiansen](http://www.desmogblog.com/sonja-boehmer-christiansen) wrote:

“In a 1995 article written by Paul Thacker, Energy and Environment was described as being a journal skeptics can go to when they are rejected by the mainstream peer-reviewed science publications. Boehmer-Christiansen explained at the time that “it’s only we climate skeptics who have to look for little journals and little publishers like mine to even get published.” According to a search of WorldCat, a database of libraries, the journal is carried in only 25 libraries world wide. And the journal is not included in Journal Citation Reports, which lists the impact factors for the top 6000 peer-reviewed journals.”

[landshape.org/public/FOIA/documents/MannHouseReply.pdf](http://landshape.org/public/FOIA/documents/MannHouseReply.pdf) wrote:

“As to “peer review,” Ms. Boehmer-Christiansen has acknowledged in an email to Dr. Tim Osborn of the Climatic Research Unit at the University of East Anglia (U.K.), that in her rush to get the McIntyre and McKittrick piece into print for political reasons *Energy & Environment* dispensed with what scientists consider peer review (“I was rushing you to get this paper out for policy impact reasons, e.g. publication well before COP9”). As Ms. Boehmer-Christiansen added, the “paper was amended until the very last moment. There was a trade off in favour of policy.”

**Bouchey, L. Francis (Lynn)**

[www.sourcewatch.org/index.php?title=L.\\_Francis\\_Bouchey](http://www.sourcewatch.org/index.php?title=L._Francis_Bouchey)

**Activities:** GCSCT

**Organizations:** FF

**Campbell, Amanda Mertens**

[www.legistorm.com/person/Amanda\\_Mertens\\_Campbell/66736.html](http://www.legistorm.com/person/Amanda_Mertens_Campbell/66736.html)

[www.legistorm.com/trip/list/by/traveler/id/8471/name/Amanda\\_Mertens\\_Campbell.html](http://www.legistorm.com/trip/list/by/traveler/id/8471/name/Amanda_Mertens_Campbell.html)

**Activities:** (attended) Heart#2

**People:** House Energy&Commerce (Barton ) staffer, 06/16/08-

**Canavan, Gregory H.**

Senior Fellow and Scientific Advisor,

Los Alamos National Laboratory

Fellow APS

**Activities:** A.HOCKX(?), (signer) APS2009

**Organizations:** (Director) GMI

**People:** Likely would have known Happer, Jastrow, Nierenberg, Seitz for years before GMI

**Fields:** Defense

**Locations:** NM

**Employers:** DOE; LANL

**Notes:** PhD UC Davis (1969)

DOE; Air Force LANL 1981-; missiles, defense against debris.

Director, George C. Marshall Institute

[www.marshall.org/experts.php?id=62](http://www.marshall.org/experts.php?id=62)

“Gregory Canavan works in the Physics Division Office of the Los Alamos National Laboratory. In January 2000 he was elected an APS Fellow through the Forum on Physics and Society for his contributions leading to the improvement of military science and technology and for leadership in the transfer of remote sensing and communications technologies to the scientific, civilian and commercial sectors. Dr. Canavan received his Ph.D. in Applied Science from the University of California, Davis in 1969 and came to Los Alamos in 1981 after serving as the director of the Office of Inertial Fusion at the Department of Energy and as a deputy to the Air Force Chief of Staff.”

*Opinion: he would primarily seem to represent the “Star Wars” side of GMI.*

**Contrib:** D91-02, D:\$2,815, (All for Sen. Jeff Bingaman)

[www.newsmeat.com/fec/bystate\\_detail.php?st=NM&last=canavan&first=gregory](http://www.newsmeat.com/fec/bystate_detail.php?st=NM&last=canavan&first=gregory)

**Carter, Robert (Australia)**

[www.sourcewatch.org/index.php?title=Robert\\_Carter](http://www.sourcewatch.org/index.php?title=Robert_Carter)

**Activities:** Stock2006, BALI2007, Heart#1, NIPCC2008, Heart#2, CATO2009, Heart#3, NIPCC2009, HeartExp#1, HeartExp#2

**Organizations:** CATO, Heartland, ICSC, SPPI, TCS; ACSC, Lavsoisier, NZCSC

**Carty, William R D**

House Energy & Commerce staffer (during WP).

[www.legistorm.com/person/William\\_R\\_D\\_Carty/19078.html](http://www.legistorm.com/person/William_R_D_Carty/19078.html)

[www.legistorm.com/trip/list/by/traveler/id/5673/name/William\\_R\\_D\\_Carty.html](http://www.legistorm.com/trip/list/by/traveler/id/5673/name/William_R_D_Carty.html)

**Activities:** A.HOCKX(?); (Attendee) **Heart#2**

**People:** Inhofe

### **Cervený, Randall S.**

Arizona State University, colleague and frequent co-author with **Balling**.

<https://webapp4.asu.edu/directory/person/10976>

[www.public.asu.edu/~atrsc/](http://www.public.asu.edu/~atrsc/)

[www.exxonsecrets.org/html/personfactsheet.php?id=117](http://www.exxonsecrets.org/html/personfactsheet.php?id=117)

**Organizations:** Heartland

**People:** **Balling, Michaels** (Chapter of [MIC2005])

### **Christy, John R.**

U of Alabama – Huntsville Atmospheric Science

[online.wsj.com/article/SB20001424052748704188104575083681319834978.html](http://online.wsj.com/article/SB20001424052748704188104575083681319834978.html)

**Activities:** A.Santer, CATO, GMI1990, A.HOCKX(?), A.Hockey, TGGS2007, HeartExp#1, HeartExp#2

**Organizations:** CATO, E&E, GMI, Heartland, TCS

**People:** **Spencer**; many

**Fields:** Climate science

**Locations:** AL

**Employers:** U of Alabama - Huntsville

**Connections:** Often with **Spencer**; including paper for [GMI1990] (GMI). Also with **Singer, Douglass**. Wrote paper for GMI in 1990.

**Alexander** thanked **Christy** for answering questions.

**Notes:** U of Illinois atmospheric sciences PhD

[en.wikipedia.org/wiki/John\\_Christy](http://en.wikipedia.org/wiki/John_Christy)

[www.nsstc.uah.edu/atmos/christy.html](http://www.nsstc.uah.edu/atmos/christy.html)

[groups.google.com/group/alt.global-warming/msg/fffc35e6381bdc36](http://groups.google.com/group/alt.global-warming/msg/fffc35e6381bdc36)

Opinion: He has done much serious work, but then was simply wrong about satellite temperature trends, and kept being wrong, see GMI1990.

Lately, he has shifted to serious anti-science and personal attacks:

[www.americanthinker.com/2009/12/a\\_climatology\\_conspiracy.html](http://www.americanthinker.com/2009/12/a_climatology_conspiracy.html) See more under **Douglass**.

He and **Lindzen** were **Randol**'s (ExxonMobil) suggestions to replace Bierbaum and MacCracken (IPCC).

[www.nrdc.org/media/docs/020403.pdf](http://www.nrdc.org/media/docs/020403.pdf) p.5.

Contrib: R03, [www.newsmeat.com/fec/bystate\\_detail.php?st=AL&last=christy&first=john](http://www.newsmeat.com/fec/bystate_detail.php?st=AL&last=christy&first=john)

### **Clancy, Thomas L., Jr**

The well-known author was Director GMI, at least 11/07/01-03/19/08.

**Activities:** A.HOCKX(?)

**Organizations:** (Director)GMI,

**People:** GMI board

Contrib: R'88-'08, R: \$61,250

[www.newsmeat.com/fec/bystate\\_result.php?last=clancy&first=thomas](http://www.newsmeat.com/fec/bystate_result.php?last=clancy&first=thomas) (all 4 MD locations)

### **Cleary, Peter**

[www.sourcewatch.org/index.php?title=Peter\\_Cleary](http://www.sourcewatch.org/index.php?title=Peter_Cleary)

**Activities:** GCSCT team member representing ATR

**Organizations:** ATR

**Coffey, Jerry L.**

[www.rpvnetwork.org/profile/DrJerryLCoffey](http://www.rpvnetwork.org/profile/DrJerryLCoffey)

**Activities:** A.HOCKX

**People:** Wegman

RPV is Republican Party of Virginia, including references to Tea Party Patriots. [SAI2007], p. 3 says:

“Dr. Edward Wegman was approached by Dr. Jerry Coffey on 1 September 2005 concerning possible testimony in Congress about a statistical issue associated with paleoclimate reconstruction.

– This approach was based on independent recommendations from Dr. Fritz Scheuren, ASA 100th President and from the National Academy of Science where Dr. Wegman chaired CATS.”

*This seems odd. Why would Congress not ask candidates directly, or through ASA or NAS?*

*This seems to imply that Scheuren or NAS recommended **Wegman**. Maybe they recommended the general approach and the **Wegman** choice was implied as theirs?*

**Coffey** made several interesting comments in an October 2009 blog thread:

[www.personalliberty.com/news/study-suggests-gun-possession-may-not-protect-against-assault-19409715](http://www.personalliberty.com/news/study-suggests-gun-possession-may-not-protect-against-assault-19409715)

[www.personalliberty.com/news/study-suggests-gun-possession-may-not-protect-against-assault-19409715/#comment-40161](http://www.personalliberty.com/news/study-suggests-gun-possession-may-not-protect-against-assault-19409715/#comment-40161) :

“I guess the best evidence of that is the Gore global warming boondoggle (in the early 1980s I was the reviewer for the US climate change program).”

[www.personalliberty.com/news/study-suggests-gun-possession-may-not-protect-against-assault-19409715/#comment-40314](http://www.personalliberty.com/news/study-suggests-gun-possession-may-not-protect-against-assault-19409715/#comment-40314) :

“My favorite short read on global warming is Lawrence **Solomon**’s “The Deniers.” I particularly enjoyed the chapter on Ed **Wegman** since I had a ringside seat when Ed’s analysis got started. Others books you might enjoy are the last couple by Patrick **Michaels**; Fred **Singer** and Dennis **Avery** on the 1500 year cycle; and **Spencer**’s latest. Most of the books on the subject are complex and almost always incomplete to some degree. One of the points Solomon really nails is the reluctance of real experts to challenge theories that are outside their area of expertise. I was depressed to discover in an NAS/NRC meeting last year that most of the people who seemed to understand what was happening were gray-haired old farts like me. (JohnW will probably zing me for admitting that I sometimes attend NAS/NRC meetings.)

But there may still be hope. My money (if I had any) would be on the latest iteration of the Svensmark Galactic Cosmic Ray theory and the CLOUD9 experiment at CERN.”

I’ve previously read [SOL2008, MIC2005, MIC2009, SIN2007, SPE2008]. *They have clear climate anti-science viewpoints.* I have also read Svensmark, whose hypothesized effects keep getting refuted, or at least bounded to be small. *Coffey seems to hope that something will disprove the Greenhouse Effect.*

[www.skepticalscience.com/cosmic-rays-and-global-warming.htm](http://www.skepticalscience.com/cosmic-rays-and-global-warming.htm) useful introduction.

*Why was someone with this viewpoint chosen to contact **Wegman**, rather than via NAS?*

**Cohen, Roger W.**

Manager, Strategic Planning and Programs

ExxonMobil Corporation (retired)

Otto Schade Prize (Society for Information Display) 2006

Fellow APS

**Activities:** (organizer) APS2009; CATO2009

**Organizations:** ExxonMobil

**People:** (other APS2009 organizers): Austin, Gould, Happer, H.Lewis, Singer

**Fields:** Superconductivity; (petroleum, indirectly via Exxon)

**Locations:** NJ-Princeton; NJ-North; retired to Durango, CO ~2004.

**Employers:** RCA; ExxonMobil

**Notes:** Academics unknown; RCA Labs; ExxonMobil research. RCA: 1964-1975 (at least): papers @ RCA Labs; 1975 photo with Wotjowicz; 25+ years at ExxonMobil.

[www.webcommentary.com/climate/rwcohen.php](http://www.webcommentary.com/climate/rwcohen.php): also published by SPPI:

[scienceandpublicpolicy.org/commentaries\\_essays/IPCC\\_s\\_case\\_for\\_anthropogenic\\_global\\_warming\\_.html](http://scienceandpublicpolicy.org/commentaries_essays/IPCC_s_case_for_anthropogenic_global_warming_.html)

“The following letter is from an APS member, Roger W. Cohen, and is in support of [Lord Monckton's paper](#) published in the July APS newsletter:

I have been involved in climate change for nearly 30 years. In 1980, a few of us in the research organization of a large multinational energy corporation realized that the climate issue was likely to affect our future business environment. We subsequently started the only industrial research activity in the basic science of climate change. The move was justified by the fact that the best way to really understand a complex technical issue is to actually work in the area, interacting with other scientists. I have supervised climate scientists working in the area of climate change and have followed the area closely. Over the years our researchers have served as authors of key IPCC report chapters.”

Haroon Kheshgi and Brian P. Flannery would have been in same organization and sometimes mention Cohen. Kheshgi has been involved for several rounds of IPCC, Flannery helped create Stanford's GCEP. They seem to emphasize adaption and technology over mitigation, *but seem serious scientists. They'd seem unlikely to support Monckton, but one never knows.*

[books.nap.edu/openbook.php?record\\_id=10153&page=44](http://books.nap.edu/openbook.php?record_id=10153&page=44)[www.iccwbo.org/uploadedFiles/ICC/policy/Environment/FlanneryKheshgi2004IPCC\\_ITDTwF.doc](http://www.iccwbo.org/uploadedFiles/ICC/policy/Environment/FlanneryKheshgi2004IPCC_ITDTwF.doc)

[www.aps.org/units/nes/newsletters/spring09.cfm](http://www.aps.org/units/nes/newsletters/spring09.cfm)

[www.durangobill.com/RogerCohen.html](http://www.durangobill.com/RogerCohen.html) has moved back to home state of CO

[books.google.com/books?id=RBRrhjFtBNoC&pg=PA116&lpq=PA116&dq=peter+wojtowicz+sarnoff&source=bl&ots=wQZCD63rus&sig=OzmbEH1AF0uHXrJiYFhv5YnulaQ&hl=en&ei=zaWLSuPALY-AswPE7vTGCQ&sa=X&oi=book\\_result&ct=result&resnum=1#v=onepage&q=&f=false](http://books.google.com/books?id=RBRrhjFtBNoC&pg=PA116&lpq=PA116&dq=peter+wojtowicz+sarnoff&source=bl&ots=wQZCD63rus&sig=OzmbEH1AF0uHXrJiYFhv5YnulaQ&hl=en&ei=zaWLSuPALY-AswPE7vTGCQ&sa=X&oi=book_result&ct=result&resnum=1#v=onepage&q=&f=false)

**Contrib:** R08,

[www.newsmeat.com/fec/bystate\\_detail.php?city=DURANGO&st=CO&last=cohen&first=roger](http://www.newsmeat.com/fec/bystate_detail.php?city=DURANGO&st=CO&last=cohen&first=roger)

### **Cooney, Philip**

[en.wikipedia.org/wiki/Philip\\_Cooney](http://en.wikipedia.org/wiki/Philip_Cooney)

**Activities:** A.HOCKX

**Organizations:** API, White House, ExxonMobil

**People:** Ebell, Perhach

He was an API lobbyist, joined the GWBush administration, was Chief of Staff for the Council on Environmental Quality (see **Perhach**), and well-known for allegedly altering scientific documents, resigning, and then joining **ExxonMobil**.

### **Crandall, Candace**

[www.sourcewatch.org/index.php?title=Candace\\_C.\\_Crandall](http://www.sourcewatch.org/index.php?title=Candace_C._Crandall)

**Activities:** GCSCT

**Organizations:** SEPP; (Adjunct Scholar) NCPPR

**People:** Singer

She graduated from GMU in 1984, was married to **Singer** 1990-2001, sometimes helped him with SEPP (until their 1999 separation).

### **Crok, Michael (Netherlands)**

He studied chemistry, then became Editor of a tennis magazine and sometimes science writer, and the **WR** deemed his 2005 popular science article important enough to cite.

[climateaudit.org/2005/03/04/german-translation-of-marcel-croks-article-with-new-comments](http://climateaudit.org/2005/03/04/german-translation-of-marcel-croks-article-with-new-comments)

[www.uoguelph.ca/~rmckitri/research/Climate\\_L.pdf](http://www.uoguelph.ca/~rmckitri/research/Climate_L.pdf)

Its subhead is “Proof that mankind causes climate change is refuted.”, and it is mostly about **M&M**. This is a popular science journal, not peer-reviewed, and the article notes contact with **McIntyre**:

“McIntyre explains by telephone: “When I first saw the graph,...”

[climaterelists.com/index.php?id=1642](http://climaterelists.com/index.php?id=1642) “Breaking the Hockey Stick”

**Activities:** A.HOCKX, A.Hockey, A.GATE, GRE2008

**People: McIntyre, Labohm, Singer.**

He also hosted **McIntyre** on Sept 2006 trip to Holland:

[climateaudit.org/2006/09/24/trip-report-holland](http://climateaudit.org/2006/09/24/trip-report-holland)

[nl.linkedin.com/in/marcelcrok](http://nl.linkedin.com/in/marcelcrok) has:

Marcel Crok's Summary

I have ten years experience as a science and technology writer. Since 2005 I am more and more specialising in the global warming debate. Currently I am working fulltime on a book which evaluates the so-called 'proof' that our climate is warming due to humans. This book will be based on the literature and on many interviews with climate scientists from all over the world. Marcel Crok's Specialties:

Environmental issues, like global warming, particulate matter.

Marcel Crok's Experience

Editor in chief

Tennis & Coach

(Writing and Editing industry)

January 2000 — Present (10 years 2 months)

Tennis & Coach is the professional magazine of the Dutch Association of tennis coaches (VNT) science journalist

Natuurwetenschap & Techniek

(Writing and Editing industry)

2003 — 2009 (6 years )

Popular science magazine

Several 2009 comments can be found:

[www.wfsj.org/blogs/wfsj/post.php?id=99](http://www.wfsj.org/blogs/wfsj/post.php?id=99)

**D'Aleo, Joseph**

[www.sourcewatch.org/index.php?title=Joseph\\_D%27Aleo](http://www.sourcewatch.org/index.php?title=Joseph_D%27Aleo)

**Activities:** Heart#1, NIPCC2008, Heart#2, CATO2009, NIPCC2009, HeartExp#2

**Organizations:** CHC, ICECAP, TechCentralStation, SPPI

**People:** Watts, many

**Davis, Robert. E.**

U of Virginia

[www.evsc.virginia.edu/faculty/davis-robert-e](http://www.evsc.virginia.edu/faculty/davis-robert-e)

**Organizations:** GMI, *Climate Research* (was an Editor in 2006; see **de Freitas** about *Climate Research*)

**People:** Michaels, Knappenberger; others (U of VA connections)

Wrote chapter for [MIC2005], i.e., GMI.

**de Freitas, Chris (New Zealand)**

[www.sges.auckland.ac.nz/the\\_school/our\\_people/defreitas\\_chris/index.shtm](http://www.sges.auckland.ac.nz/the_school/our_people/defreitas_chris/index.shtm)

[en.wikipedia.org/wiki/Chris\\_de\\_Freitas](http://en.wikipedia.org/wiki/Chris_de_Freitas)

[www.sourcewatch.org/index.php?title=Chris\\_de\\_Freitas](http://www.sourcewatch.org/index.php?title=Chris_de_Freitas)

[www.friendsofscience.org/index.php?id=3](http://www.friendsofscience.org/index.php?id=3)

[web.archive.org/web/20030526163750/www.cspg.org/deFreitas\\_climate.pdf](http://web.archive.org/web/20030526163750/www.cspg.org/deFreitas_climate.pdf) [DEF2002]

[deepclimate.org/2009/12/02/in-the-beginning-friends-of-science-talisman-energy-and-the-de-freitas-brothers](http://deepclimate.org/2009/12/02/in-the-beginning-friends-of-science-talisman-energy-and-the-de-freitas-brothers) Support from Talisman energy, possible involvement by others. Much below is due to DC.

**Activities:** Leipzig, HeartExp#1

**Organizations:** FoS, ICSC, NZCSC, ICECAP, Lavoisier, *Climate Research* (journal).

The Bulletin of the Canadian Petroleum Geology published a **de Freitas** anti-science paper [DEF2002] via an interesting process. The Editor, his Canadian geologist brother Tim had recused himself, but had paper reviewed by **Soon** and **Boehmer-Christiansen**, contemporaneously with **De Freitas** reviewing a badly-flawed paper by **Soon** and **Baliunas** [SOO2003] for the journal *Climate Research*. **De Freitas** was then an editor of that journal, whose publication of that paper eventually led to resignation of

Editor-in-Chief Hans von Storch and about half other editors. All this was the impetus for some complaints found in Climategate emails. (read DC's account). At various times, **Balling, Davis, De Freitas** and **Legates** have been editors for *Climate Research*, but none currently.

As for the original [DEF2002], it was described by Tim de Freitas, p27:

[www.cspg.org/volunteer/files/reports/2002-CSPG-Report-of-Activities.pdf](http://www.cspg.org/volunteer/files/reports/2002-CSPG-Report-of-Activities.pdf) (emboldening mine).

"Climate change and the role of CO2 were discussed in detail by C.R. de Freitas. Since he is the brother of the present CSPG Editor, the paper was handled by one of our most capable Associate Editors, Dale Leckie, and review by Willie **Soon**, an Astrophysicist at the Harvard-Smithsonian Center for Astrophysics and Sonja **Boehmer-Christiansen**, the scientific editor of Energy and Environment and a climate scientist at the University of Hull, UK. **These individuals are recognized globally for their contributions to climate research.** They also recommended publication of the paper with minor revision. However, their names were not included in the acknowledgements at the end of the paper, which was an oversight."

*Many would disagree with the nature of their recognition. This was a convenient oversight.* Tim de Freitas went on:

"The paper has been both criticized and praised. Jay Ingram (Discovery Channel) published a discussion of the paper in the Toronto Star. He presented a very narrow-minded view of the paper. In addition, he accused C. de Freitas of misquoting scientific data: the letter was quite insulting and even damaging to his scientific reputation. The CSPG and C de Freitas responded in separate letters, but they had no affect on the opinion of Ingram, who responded again with another letter containing harsher criticism. It is unfortunate that people such as Ingram are heard by a vast number of Canadians, and it is likely the main reasons why many citizens (and politicians) appear to be misinformed about the science behind climate change."

### **Delingpole, James (B1c) (UK)**

He writes for the Daily Telegraph, very active with regard to Climategate.

[blogs.telegraph.co.uk/news/jamesdelingpole/100021135/climategate-michael-manns-very-unhappy-new-year](http://blogs.telegraph.co.uk/news/jamesdelingpole/100021135/climategate-michael-manns-very-unhappy-new-year)

**Activities:** A.GATE, Helmer2009.

**Organizations:** Daily Telegraph

**People:** (speaker at Helmer2009) Helmer, McKittrick, Peiser, Singer, Watts

He writes of himself (introduction to Web articles, as above)

"James Delingpole is a writer, journalist and broadcaster who is right about everything. He is the author of numerous fantastically entertaining books including [Welcome To Obamaland: I've Seen Your Future And It Doesn't Work](#), [How To Be Right](#), and the Coward series of WWII adventure novels. His website is [www.jamesdelingpole.com](http://www.jamesdelingpole.com)."

### **Dempsey, Matt**

Senate EPW (**Inhofe**), since 2003. Deputy Press Secretary → Press Secretary → Communications Director  
One of **Morano**'s replacements.

[www.legistorm.com/person/Matthew\\_C\\_Dempsey/7970.html](http://www.legistorm.com/person/Matthew_C_Dempsey/7970.html)

**Activities:** HOCKXX(?), He is listed as one of the contacts for [INH2010], so A.GATE; US.CONG

**Organizations:** Senate EPW (**Inhofe**)

**People:** **Inhofe**, Lungren, Morano

### **Douglass, David H.**

Professor of Physics  
University of Rochester  
Fellow APS

**Activities:** A.Oreskes, A.Santer, A.GATE, CATO2009, E&E, HeartExp#1, HeartExp#2, Heart#1, Heart#2, Manhat2009, OISM1998

**Organizations:** Heartland, UofR-Phys

**People:** Christy, Knappenberger, Knox, Michaels, Singer, Sproull, many

**Fields:** Condensed matter physics; superconductivity

**Locations:** NY-Rochester

**Employers:** U of Rochester

**Notes:** MIT PhD; U of Chicago; U of Rochester 1969-

Rarely do scientists switch fields drastically at/near retirement and then quickly demolish the total mainstream accumulated results of a different field. But sometimes they try.

[www.pas.rochester.edu/~douglass/](http://www.pas.rochester.edu/~douglass/)

[www.pas.rochester.edu/~douglass/recent-publications.html](http://www.pas.rochester.edu/~douglass/recent-publications.html) has URLs for most papers.

\*Climate pubs: starting ~2001, has published a handful of papers, often with **Christy, Knox, Michaels** or **Singer**, sometimes refuted fairly quickly.

His C.V. list has links to most of the papers, so I have not replicated the links here.

2002 **Douglass**, Clader

[www.pas.rochester.edu/~douglass/papers/DouglassClader\\_GRL.pdf](http://www.pas.rochester.edu/~douglass/papers/DouglassClader_GRL.pdf)

They acknowledge “many useful discussions with Sallie **Baliunas**, John **Christy**, Paul **Knappenberger**, Robert **Knox**, Judith Lean, and Patrick **Michaels**.”

[www.sourcewatch.org/index.php?title=Chip\\_Knappenberger](http://www.sourcewatch.org/index.php?title=Chip_Knappenberger)

NRL’s Judith Lean is a well-respected scientist. Otherwise, this list is not very encouraging.

2003 **Douglass**, Clader, **Christy, Michaels**, Belsley

[www.pas.rochester.edu/~douglass/papers/CR%20paper%20of%20Douglass%20et%20al..pdf](http://www.pas.rochester.edu/~douglass/papers/CR%20paper%20of%20Douglass%20et%20al..pdf)

This was published in Climate Research, under editor Chris deFreitas.

[en.wikipedia.org/wiki/Chris\\_de\\_Freitas](http://en.wikipedia.org/wiki/Chris_de_Freitas)

[www.desmogblog.com/chris-dde-freitas](http://www.desmogblog.com/chris-dde-freitas)

2004 **Douglass**, Pearson, **Singer**

[www.pas.rochester.edu/~douglass/papers/2004GL020103\\_altitude.pdf](http://www.pas.rochester.edu/~douglass/papers/2004GL020103_altitude.pdf)

He wrote to Oreskes, claiming here results refuted::

[www.sepp.org/Archive/weekwas/2004/Dec.%2018.htm](http://www.sepp.org/Archive/weekwas/2004/Dec.%2018.htm)

2004 **Douglass**, Pearson, **Singer**, Knappenberger, **Michaels**

[www.pas.rochester.edu/~douglass/papers/2004GL020212\\_disparity.pdf](http://www.pas.rochester.edu/~douglass/papers/2004GL020212_disparity.pdf)

Most of the two above depended on **Christy/Spencer** UAH satellite temperature records, to claim models and surface trends were wrong. Serious errors were found in the UAH software, and when fixed, they now agreed much better with the surface, models, and other satellite analyses.

2005 **Douglass**, **Knox**

[www.pas.rochester.edu/~douglass/papers/2004GL022119\\_Pinatubo.pdf](http://www.pas.rochester.edu/~douglass/papers/2004GL022119_Pinatubo.pdf)

Rebuttal: [climate.envsci.rutgers.edu/pdf/DouglassKnoxComment2005GL023287.pdf](http://climate.envsci.rutgers.edu/pdf/DouglassKnoxComment2005GL023287.pdf)

“Douglass and Knox [2005, hereinafter referred to as DK] present a confusing and erroneous description of climate feedbacks and the climate response to the 1991 Mt. Pinatubo eruption. Their conclusions of a negative climate feedback and small climate sensitivity to volcanic forcing are not supported by their arguments or the observational evidence...” “Their failure to properly account for the entire climate system has led them to derive a climate sensitivity and response time that are much too small.”

Replies: [www.pas.rochester.edu/~douglass/papers/reply\\_Robock\\_2005GL023829.pdf](http://www.pas.rochester.edu/~douglass/papers/reply_Robock_2005GL023829.pdf)

[www.pas.rochester.edu/~douglass/papers/reply\\_WAST\\_2005GL023695.pdf](http://www.pas.rochester.edu/~douglass/papers/reply_WAST_2005GL023695.pdf)

I’m not going to try analyzing all that, but both rebuttal papers are written by climate scientists with credible publications and many citations.

2007 **Douglass**, **Christy**, Pearson, **Singer**

[www.pas.rochester.edu/~douglass/papers/2007JOC1651.pdf](http://www.pas.rochester.edu/~douglass/papers/2007JOC1651.pdf)

Comments: [www.realclimate.org/index.php/archives/2007/12/tropical-troposphere-trends/](http://www.realclimate.org/index.php/archives/2007/12/tropical-troposphere-trends/)

[www.realclimate.org/wiki/index.php?title=David\\_H.\\_Douglass%2C\\_John\\_R.\\_Christy%2C\\_Benjamin\\_D.\\_Pearson%2C\\_S.\\_Fred\\_Singer](http://www.realclimate.org/wiki/index.php?title=David_H._Douglass%2C_John_R._Christy%2C_Benjamin_D._Pearson%2C_S._Fred_Singer) (blog)

[www.realclimate.org/index.php/archives/2008/10/tropical-troposphere-iii](http://www.realclimate.org/index.php/archives/2008/10/tropical-troposphere-iii) includes pointer to journal

Conclusion: bad statistics on part of DCPS, among other things. This is a good example of the process:

A paper appears, ‘disproving’ the models, and it gets widely touted in blogs and elsewhere.

If it has serious errors, most scientists do not bother, but it might get refuted quickly in blogs, but it takes much longer to write a refutation paper, submit it, and get it published. It does not matter how strongly it is refuted, because it will get referenced (primarily by a related small set of authors), and endlessly in non-refereed places. Search for the following with both Google and Google Scholar:

douglass christy pearson singer comparison tropical temperature trends with model predictions

Google yields a large number of hits, many using it to claim models wrong.

It is the first hit in Google Scholar, which gives it a Citation Count of 25, not many, given that some references were just from websites, many were from the authors or other people listed here in **Bold**, and a few were refutations, or explanations why some of the data they used had been redone.

2009 **Douglass, Christy**

[www.pas.rochester.edu/~douglass/papers/E&E%20douglass\\_christy-color.pdf](http://www.pas.rochester.edu/~douglass/papers/E&E%20douglass_christy-color.pdf)

This **E&E** paper claims to disprove **IPCC AR4**'s well-established claims for greenhouse gases.

Lately, **Douglass&Christy** have been mounting serious personal attacks, via extra-science routes:

[www.americanthinker.com/2009/12/a\\_climatology\\_conspiracy.html](http://www.americanthinker.com/2009/12/a_climatology_conspiracy.html)

[www.desmogblog.com/douglass-and-christy-bad-science-disingenuous-commentary](http://www.desmogblog.com/douglass-and-christy-bad-science-disingenuous-commentary) Santer reply

*Conjecture:* after a long (and reasonably productive) career doing condensed matter, superconductivity, other physics research, **Douglass** switched recent effort to climate science, with papers trying (unsuccessfully) to disprove various aspects of mainstream science. They usually get refuted, if anyone cares, but they do not get referenced very much in credible peer-reviewed journals. Errors seem to go in one direction, but **Douglass** has been doing talks and papers for **Heartland**, also.

*All this is possibly an indirect outcome of GCSCT, via GMI→Sproull → Knox, i.e.*

“Identify, recruit and train a team of five independent scientists to participate in media outreach. These will be individuals who do not have a long history of visibility and/or participation in the climate change debate.”

**Dyson, Freeman J.**

[www.sns.ias.edu/~dyson](http://www.sns.ias.edu/~dyson)

[en.wikipedia.org/wiki/Freeman\\_Dyson](http://en.wikipedia.org/wiki/Freeman_Dyson)

[www.sourcewatch.org/index.php?title=Freeman\\_Dyson](http://www.sourcewatch.org/index.php?title=Freeman_Dyson)

[www.nytimes.com/2009/03/29/magazine/29Dyson-t.html?pagewanted=2](http://www.nytimes.com/2009/03/29/magazine/29Dyson-t.html?pagewanted=2)

[www.globalwarmingheartland.com/expert.cfm?expertId=138](http://www.globalwarmingheartland.com/expert.cfm?expertId=138) Was **Heartland** “global warming expert”

[www.thegwpf.org/who-we-are/academic-advisory-council.html](http://www.thegwpf.org/who-we-are/academic-advisory-council.html) **GWPF** Academic Advisory Council

**Organizations:** (past) **HeartExp**, **GWPF**

*Opinion: this is sad.*

**Ebell, Myron**

**CEI** and **CHC**, was at **FF**.

[cei.org/people/myron-ebell](http://cei.org/people/myron-ebell)

[www.sourcewatch.org/index.php?title=Myron\\_Ebell](http://www.sourcewatch.org/index.php?title=Myron_Ebell)

[en.wikipedia.org/wiki/Myron\\_Ebell](http://en.wikipedia.org/wiki/Myron_Ebell)

<http://www.heatisonline.org/contentserver/objecthandlers/index.cfm?ID=6359&Method=Full&PageCall=&Title=Vanity%20Fair%27s%20Long%20Look%20at%20Myron%20Ebell%20&Cache=False>

**Activities:** **GCSCT**, **US. CONG**, **GMI2003**, **GMI2005**, **GMI2005a**, **A.HOCKX**, **A.Hockey**, **Heart#1**, **Heart#2**, **HeartExp#1**, **A.GATE**

**Organizations:** **API**, **FF** (early, ~1996), **CEI**, **CHC**, **Free Work**, **Heartland**

**People:** many

He was a key person in promoting **McKittrick**, **Essex&McKittrick**, and then **McIntyre** to Washington, DC. Wikipedia says:

“In 2000, Ebell was a plaintiff, along with several members of Congress, including Sen. James Inhofe (R, OK), who sued the National Science and Technology Council, President Bill Clinton, and the director of the White House Office of Science and Technology Policy. In the lawsuit, the plaintiffs asserted that the National

Assessment on Climate Change report—which details likely state-by-state consequences of anthropogenic climate change—violated several federal open-meeting, appropriations and research statutes.”

*I don't yet have a reference for that.*

[news.bbc.co.uk/2/hi/science/nature/4693855.stm](http://news.bbc.co.uk/2/hi/science/nature/4693855.stm) BBC news, 07/18/05 wrote:

“Myron **Ebell**, of the Competitiveness Enterprise Institute and a prominent global warming sceptic, told BBC News: “**We've always wanted to get the science on trial**”, and “**we would like to figure out a way to get this into a court of law**”, adding “**this could work**”.” (emboldening mine)

See A.9.6 sequence of emails, showing relationships with **Perhach** and likely **McGinley (Barton)**.

### **Enstrom, James E.**

Research Professor Jonsson Comprehensive Cancer Center University of California at Los Angeles  
Life Member APS

**Activities:** APS2009

**Organizations:** (Trustee) ACSH

**People:** **Singer, Nichols** via ACSH; **Starr?** work for EPRI, showing particulates have little effect

**Fields:** Epidemiology

**Employers:** UCLA

**Notes:** Harvey Mudd College BS 1965, Stanford Physics PhD 1970, (Meson decay, was at Lawrence Radiation Lab (i.e., LBNL), UCLA MPH (Master Public Health), then epidemiology.

Epidemiologist, accepted funding from Philip Morris, and found that secondhand smoke was not so bad.

[www.sourcewatch.org/index.php?title=James\\_E.\\_Enstrom](http://www.sourcewatch.org/index.php?title=James_E._Enstrom)

He was (2004)/ is(?) Trustee of ACSH, American Council on Science and Health

[www.sourcewatch.org/index.php?title=American\\_Council\\_on\\_Science\\_and\\_Health](http://www.sourcewatch.org/index.php?title=American_Council_on_Science_and_Health)

But he has rebuttals, and entire website is interesting:

[www.scientificintegrityinstitute.org/](http://www.scientificintegrityinstitute.org/)

**Contrib:** R98-09\*\*, RNC, Bush, McCain, many,

[www.newsmeat.com/fec/bystate\\_detail.php?st=CA&last=enstrom&first=james](http://www.newsmeat.com/fec/bystate_detail.php?st=CA&last=enstrom&first=james)

### **Essex, Christopher**

Professor of Applied Mathematics, U of Western Ontario

[www.apmaths.uwo.ca/people/cessex.shtml](http://www.apmaths.uwo.ca/people/cessex.shtml)

[www.apmaths.uwo.ca/~essex](http://www.apmaths.uwo.ca/~essex)

[www.apmaths.uwo.ca/~essexhttp://www.quadrant.org.au/blogs/doomed-planet/2009/12/cop15-and-climategate](http://www.apmaths.uwo.ca/~essexhttp://www.quadrant.org.au/blogs/doomed-planet/2009/12/cop15-and-climategate)

**Activities:** A.HOCKX, A.Hockey, BALI2007, CATO2009, HeartExp#1, Heart#2, A.GATE,

Co-author [ESS2002].

**Organizations:** CATO, Heartland

**People:** McKittrick; many

*Opinion: Essex is another physicist/applied mathematician (akin to Alexander, Douglass, Hayden, Knox, Rapp, Scafetta, West) trying to make global warming go away, sometimes with much mathematics, but without much relevant climate science background. Technical PhDs are always good for lists.*

*Speculation: in 2002, it looked like the McKittrick/Essex pair was being readied for larger exposure, but McIntyre came along, and could devote 100% of his time to this effort and would, unlike Essex.*

### **Ferguson, Robert**

President SPPI, previously with FF/CSPP. See SPPI for more detail.

[www.freedomworks.org/publications/cooler-heads-coalition](http://www.freedomworks.org/publications/cooler-heads-coalition) letter to US Senate, 05/21/05.

[www.sourcewatch.org/index.php?title=Robert\\_Ferguson\\_%28Science\\_and\\_Public\\_Policy\\_Institute%29scienceandpublicpolicy.org](http://www.sourcewatch.org/index.php?title=Robert_Ferguson_%28Science_and_Public_Policy_Institute%29scienceandpublicpolicy.org)

[scienceandpublicpolicy.org/personnel.html](http://scienceandpublicpolicy.org/personnel.html) :

“Robert Ferguson has 26 years of Capitol Hill experience, having worked in both the House and Senate. He served in the House Republican Study Committee, the Senate Republican Policy Committee; as Chief of Staff to Congressman Jack Fields (R-TX) from 1981-1997, Chief of Staff to Congressman John E. Peterson (R-PA) from

1997-2002 and Chief of Staff to Congressman Rick Renzi (R-AZ) in 2002. He has considerable policy experience in climate change science, mercury science, energy and mining, forests and resources, clean air and the environment. His undergraduate and advanced degrees were taken at Brigham Young University and George Washington University, respectively. Ferguson served active duty in the US Army from 1966-1970.”

**Activities:** A.HOCKX, A.Hockey, involved in CHC activities 2003-2007, and signed the 06/21/05 CHC/FreeWork letter to the Senate. -

**Organizations:** FF/CSPP, CSPP was a CHC member, CHC/FreeWork, SPPI.

**People:** Many. Jastrow, Baliunas, Soon *likely*, via an odd 2002 connection before FF/CSPP:  
[www.westlx.org/MtWilsonLATimes1.pdf](http://www.westlx.org/MtWilsonLATimes1.pdf)

### Fuller, Tom (B1b example)

“Environmental Policy Examiner”

**Activities:** OISM1998 (? , disambiguation), A.HOCKX, A.GATE

**People:** Mosher

[www.examiner.com/x-9111-SF-Environmental-Policy-Examine](http://www.examiner.com/x-9111-SF-Environmental-Policy-Examine)

[www.examiner.com/x-9111-Environmental-Policy-Examiner~y2010m3d11-Global-warming-One-real-problem-and-a-thousand-distractions](http://www.examiner.com/x-9111-Environmental-Policy-Examiner~y2010m3d11-Global-warming-One-real-problem-and-a-thousand-distractions) mentions writing Climategate book with “estimable” Mosher

[www.examiner.com/x-9111-SF-Environmental-Policy-Examiner~y2010m1d17-How-Climategate-broke-the-Hockey-Sticks-blade-and-shaft](http://www.examiner.com/x-9111-SF-Environmental-Policy-Examiner~y2010m1d17-How-Climategate-broke-the-Hockey-Sticks-blade-and-shaft) A.GATE,

A.Hockey[www.examiner.com/x-9111-SF-Environmental-Policy-Examiner~y2010m1d21-Global-warmin-gundefeated-untied-and-unscored-upon](http://www.examiner.com/x-9111-SF-Environmental-Policy-Examiner~y2010m1d21-Global-warmin-gundefeated-untied-and-unscored-upon) A.Oreskes

[www.examiner.com/x-9111-SF-Environmental-Policy-Examiner~y2009m6d26-Comment-on-EPAs-stone-walling-the-global-warming-report](http://www.examiner.com/x-9111-SF-Environmental-Policy-Examiner~y2009m6d26-Comment-on-EPAs-stone-walling-the-global-warming-report) (and many other examples, listed at first link)

*Journalism is sadly in difficulty.* The San Francisco Examiner used to be a newspaper, but the current incarnation is essentially a collection of blogs where people get paid for hits. Blogs have their plusses and minuses, but are not equivalent to classic, fact-checked, edited journalism.

In many geographies, in-person access to real climate scientists may be rare, but the reverse is true around San Francisco, CA, where Fuller is located. The San Francisco Bay Area offers superb access to numerous public lectures and discussions by top climate scientists, given at Stanford U, UC Berkeley, LBL, LLNL, the large USGS office in Menlo Park and various others. Business and local government groups often run public lectures. At least 20-30 IPCC authors live in the Bay Area, and others come to speak. The AGU meets every Fall in San Francisco. At Stanford alone, one could easily attend 2-4 relevant public lectures per month. The GCEP program there offers a free 3-day conference every Fall. At most of these, people can stand up, give their names, challenge experts and converse with them at breaks. Some do so, usually discovering that they have much to learn. Others write blogs or equivalents.

### Garrigan, Lee

[www.sourcewatch.org/index.php?title=Environmental\\_Issues\\_Council](http://www.sourcewatch.org/index.php?title=Environmental_Issues_Council), which appears defunct.

**Activities:** GCSCT

**Organizations:** EIC

She has been with ECOS, Environmental Council of the States:

[www.ecos.org/section/\\_aboutecos/staff](http://www.ecos.org/section/_aboutecos/staff)

That does not mention any EIC involvement, so this is somewhat unclear.

### Gehri, Robert

[www.sourcewatch.org/index.php?title=Robert\\_Gehri](http://www.sourcewatch.org/index.php?title=Robert_Gehri)

**Activities:** GCSCT

**Organizations:** Southern Company, very large utility in US SouthEast, >50% Coal

### Gelman, Charles

[www.sourcewatch.org/index.php?title=Charles\\_Gelman](http://www.sourcewatch.org/index.php?title=Charles_Gelman) (read about 1,4-dioxane)

**Organizations:** (Board) **SEPP****People:** **Singer**

Had donated to: **CATO, CFACT, JunkScience.com, CEI, ELC, Heartland, Manhattan, GMI, PRI, Reason, SEPP.**

**Georgia, Paul J.**

**FF, FF/CSPP**, then Senate staffer

[www.sourcewatch.org/index.php?title=Frontiers\\_of\\_Freedom](http://www.sourcewatch.org/index.php?title=Frontiers_of_Freedom)

Senate Energy and Natural Resources Policy Analyst, 04/22/03-/03/02/07

[www.legistorm.com/person/Paul\\_J\\_Georgia/369.html](http://www.legistorm.com/person/Paul_J_Georgia/369.html)

[climateaudit.org/2006/03/04/one-observers-report-on-the-nas-panel](http://climateaudit.org/2006/03/04/one-observers-report-on-the-nas-panel)

**Activities:** **A.HOCKX(?)**, 2005.03.01-03 NAS Panel

**Organizations:** **FF, FF/CSPP, US Senate, CHC**

**People:** **Inhofe** (likely)

**Gorman, Teresa**

Was in GHWBush White House, then lobbyist, for **ExxonMobil, Koch**, at least.

**Activities:** interesting emails in **A.9**

**Organizations:** **ExxonMobil, Koch**

**People:** **Perhach, Sills**; many

[www.opensecrets.org/revolving/rev\\_summary.php?id=12833](http://www.opensecrets.org/revolving/rev_summary.php?id=12833)

[www.opensecrets.org/lobby/lobbyist.php?lname=Gorman%2C+Teresa+A&id=Y00000241840&year=a](http://www.opensecrets.org/lobby/lobbyist.php?lname=Gorman%2C+Teresa+A&id=Y00000241840&year=a)

[www.opensecrets.org/revolving/indus.php?id=12833](http://www.opensecrets.org/revolving/indus.php?id=12833)

**Gould, Laurence I.**

Professor of Physics

University of Hartford

Member Executive Board of the New England Section of the APS

Chairman (2004), New England Section APS

**Activities:** (organizer) **APS2009, CATO2009, HeartExp#1, Heart#2, OISM1998**

**Organizations:** **CATO, Heartland, SPPI**

**People:** (other APS2009 organizers) **Austin, Cohen, Happer, H.Lewis, Singer**; APS-NES (active member); surely knows **Hayden**, who has been active longer; **Christy, Lindzen** (2004 APS-NES); vocal supporter of **Monckton**; **Ferguson**; others via **Heartland**

**Fields:** Mathematical Physics

**Heartland**;

**Notes:** Carnegie Mellon U Physics BS 1964; Temple U Physics MA 1975, PhD 1982; U of Hartford 1985- He has become a vocal opponent of AGW, in APS-NES (APS-New England Section, where he was Vice-Chair 2003, Chair 2004. He is Co-editor of Newsletter, with Paul H. Carr) and a strong supporter of **Monckton's** climate views, arranged for him to speak at Hartford, March 5, 2008, and has supported

**Monckton's SPPI** with quotes:

[uhaweb.hartford.edu/LGOULD/](http://uhaweb.hartford.edu/LGOULD/)

[scienceandpublicpolicy.org/press/proved\\_no\\_climate\\_crisis.html](http://scienceandpublicpolicy.org/press/proved_no_climate_crisis.html)

**Monckton** thanks **Gould, Douglass, Knox, Lindzen, Soon, Spencer**:

[www.aps.org/units/fps/newsletters/200807/monckton.cfm](http://www.aps.org/units/fps/newsletters/200807/monckton.cfm)

Following is a chronology of **Gould** and the APS-NES:

The 2004 APS-NES meeting in East Hartford (about 7 miles from U of Hartford) included presentations by

**Christy** and **Lindzen**:

[www.physics.ccsu.edu/aps-nes/fall\\_2004\\_highlights.htm](http://www.physics.ccsu.edu/aps-nes/fall_2004_highlights.htm)

**Gould's** opinion was clear by 2005, and he had become Co-Editor by then: p.7:

[www.aps.org/units/nes/newsletters/upload/spring05.pdf](http://www.aps.org/units/nes/newsletters/upload/spring05.pdf)

By Fall 2007, he was writing actively, in a long Editorial, p.4-9:

[www.aps.org/units/nes/newsletters/upload/fall07.pdf](http://www.aps.org/units/nes/newsletters/upload/fall07.pdf)

In Spring 2008, Co-Editor Carr said the Editorial was **Gould's**, not his, in reply to a concerned letter from Alan Chodos (Associative Executive Officer of APS). **Gould** reinforced his position (p.5-9), then added another letter called "Anthropogenic Global Warming Alarmism: A Corruption of Science", p 10-21.

[www.aps.org/units/nes/newsletters/upload/spring08.pdf](http://www.aps.org/units/nes/newsletters/upload/spring08.pdf)

He wrote, July 28, 2008:

[www.rightsidenews.com/200807271541/energy-and-environment/anthropogenic-global-warming-alarmism.html](http://www.rightsidenews.com/200807271541/energy-and-environment/anthropogenic-global-warming-alarmism.html)

Fall 2008, Frank Levin wrote to criticize **Gould's** comments (p.7-9), **Gould** replied (p.9-11), and then printed letter from **Monckton** (p.11-13), followed by another **Gould** Editorial, p.14.

[www.aps.org/units/nes/newsletters/fall08.cfm](http://www.aps.org/units/nes/newsletters/fall08.cfm), created 08/28/09.

Both of the above referenced **SPPI's** collection of climate articles, which by then included one by **Cohen**.

He is **Heartland** "Expert"; speaker at **Heartland** 2009, March 8-10, NYC:

[www.Heartland.org/bin/media/newyork09/PowerPoint/Larry\\_Gould.ppt](http://www.Heartland.org/bin/media/newyork09/PowerPoint/Larry_Gould.ppt) his slides

[www.Heartland.org/events/NewYork09/proceedings.html](http://www.Heartland.org/events/NewYork09/proceedings.html) has audio and video

[www.sourcewatch.org/index.php?title=Laurence\\_Gould](http://www.sourcewatch.org/index.php?title=Laurence_Gould)

His talk included a reference to **WR**:

### **Global Warming Alarmism - Checking the Claims - Exposing the Methods**

Slide 97 was entitled "Censorship Issues", quoted here:

"Nature editorial (12 July 2001)

— Mentions the "mounting evidence that the consumption of fossil fuels is producing emissions that change the make-up of the atmosphere and may endanger the future of the planet. ... industry groups in question ... have championed specious scientific findings and worked to establish a bogus scientific debate... to confuse and delude the public on global warming."

Under the Veneer of legitimacy "Consensus"

— American Statistical Association [**Wegman** spelled out what happened]

— American Meteorological Society [11,000 member; Joe **d'Aleo** was on Council; Pielke attacked them]

— American Physical Society [over 30,000 members; as I mention in my Open Letter -- Spring 2008 NES APS Newsletter

I am, therefore, particularly amazed and distressed to find the APS Council taking the stand (in their November 2007 meeting) that "The evidence is incontrovertible. Global warming is occurring" and then going on to urge "governments, universities, national laboratories and its [APS] membership to support policies and actions that will reduce the emission of greenhouse gases." (APS NEWS, Jan. 2008, Vol. 17, No. 1; front page")

In Spring 2009, back-and-forth continued, p.6-7, then Co-Editor Paul Carr reviewed a New Hampshire talk by James Hansen (p.8-9). **Gould** replied (p.10-11) to that review, saying he asked **Singer** about Hansen's claims, and that **Singer** said:

"The basic problem with Hansen's claims is that there is no evidence at all that anthropogenic CO2 is actually causing the climate to warm."

[www.aps.org/units/nes/newsletters/spring09.cfm](http://www.aps.org/units/nes/newsletters/spring09.cfm), PDF created 04/27/09.

**Gould** then quoted **Singer's** biography, and continued, advertising **Heartland** 2009 conference, ending:

"Accordingly an effort is underway to gather signatures for an Open Letter to the APS Council asking the Council to reconsider the statement and replace it with a more moderate one which reflects the actual state of the science. Those interested in learning more about this initiative may contact Roger W. Cohen (Fellow, APS) at [<email>](mailto:roger.cohen@aps.org) or Laurence I. **Gould** (Past Chair, 2004, of the NES APS) at [<email>](mailto:laurence.gould@aps.org)."

[www.aps.org/units/nes/newsletters/upload/spring09.pdf](http://www.aps.org/units/nes/newsletters/upload/spring09.pdf)

In Fall 2009, p.6-8 offered a letter by Pat Frank (from Palo Alto, CA, an X-Ray spectroscopy researcher at SLAC), followed by **Gould** Editorial expressing pleasure that the APS Council was willing to reconsider its position, linking to the Petition website, and advertising the **Heartland** 2009 Conference website again: [www.aps.org/units/nes/newsletters/upload/fall09.pdf](http://www.aps.org/units/nes/newsletters/upload/fall09.pdf)

**Gould's** publication record seems rather less strong (fewer papers, few citations) than many academic signers, but I am certainly no expert in his areas. Maybe others can assess the impact of his work:

[uhaweb.hartford.edu/IGould/ACADESUMforWebsite22Aug2007.htm](http://uhaweb.hartford.edu/IGould/ACADESUMforWebsite22Aug2007.htm)  
[scholar.google.com/scholar?q=li+Gould+hartford&hl=en&btnG=Search](http://scholar.google.com/scholar?q=li+Gould+hartford&hl=en&btnG=Search)

**Gould**, in **Heartland** 2009 talk, speaks of worrying about science losing students when they discover how they have been misled, so: I found ratings of him by students, as always, to be read with caution:

[www.ratemyprofessors.com/ShowRatings.jsp?tid=124769](http://www.ratemyprofessors.com/ShowRatings.jsp?tid=124769)

*Opinion: **Gould** seems neither a particularly-distinguished researcher nor a popular teacher, but he seems to have temporarily "hijacked" the APS-NES for climate anti-science. He seems to enjoy hosting Monckton, speaking at Heartland and signing letters with NAS Members.*

### **Happer, William**

Cyrus Fogg Brackett Professor of Physics

Princeton University

Fellow APS, AAAS

Member National Academy of Sciences

**Activities:** OISM1998, GMI2002, A.HOCKX, CATO2009, (organizer) APS2009, A.GATE, A.Hockey

**Organizations:** CATO, (Chairman) GMI, JASON

**People:** (Singer; Canavan; Nichols) via GMI; (H.Lewis, Dyson) via JASON;

Sproull via GMI, both were on Board (at least). (other APS2009 organizers) Austin, Cohen, Gould,

H.Lewis, Singer. See GMI for many other connections.

**Fields:** nuclear; defense, NMR

**Locations:** NJ; DC; NJ-Princeton

**Employers:** DOE; Princeton

**Groups:** JASON; GMI

**Notes:** Atomic physics; JASON 1976-90 (chair steering 1987-1990); Trustee MITRE; DOE Energy 1991-1993. (MITRE manages JASON.)

**Happer was** GMI Director at least 11/07/01-onward, then became Chairman January 2006, a few months into the WR effort.

[www.marshall.org/pdf/materials/405.pdf](http://www.marshall.org/pdf/materials/405.pdf)

[www.princeton.edu/physics/people/faculty/william-happer/](http://www.princeton.edu/physics/people/faculty/william-happer/)

[www.dailyprincetonian.com/2009/01/12/22506/](http://www.dailyprincetonian.com/2009/01/12/22506/)

"Physics professor William Happer GS '64 has some tough words for scientists who believe that carbon dioxide is causing global warming. "This is George Orwell. This is the 'Germans are the master race. The Jews are the scum of the earth.' It's that kind of propaganda," Happer, the Cyrus Fogg Brackett Professor of Physics, said in an interview. "Carbon dioxide is not a pollutant. Every time you exhale, you exhale air that has 4 percent carbon dioxide. To say that that's a pollutant just boggles my mind. What used to be science has turned into a cult..."

"Happer said that he is alarmed by the funding that climate change scientists, such as Pacala and Socolow, receive from the private sector.

"Their whole career depends on pushing. They have no other reason to exist. I could care less. I don't get a dime one way or another from the global warming issue," Happer noted. "I'm not on the payroll of oil companies as they are. They are funded by BP."

As the article mentions, **GMI** had received at least \$715,000 from ExxonMobil from 1998 through 2006, and **GMI** has long been funded by family foundations, some of which were built on oil fortunes (**A.2**)

***Happer** has worded his comments carefully. His Princeton research has no obvious connection with climate or energy (despite claims elsewhere about CO2 expertise), so unsurprisingly is not funded by oil companies. **GMI** has certainly gotten money from oil-based family fortunes, and from **ExxonMobil** (at*

least) starting in 1999, and about 40% of **GMI**'s funding is still unidentified. Funding often flows to think tanks without formally specifying the exact purpose. It may be labeled "for research and support", or "to promote free enterprise." A think tank might seek money from **ExxonMobil** or tobacco companies, and would presumably know how to spend it to be able to show accomplishments when seeking further grants. The money-laundering maze is difficult to track, and with family foundations it is even worse. One may have some idea of the original sources of wealth, but it is difficult to discover actual current investments, not just of the foundations, but of the people controlling them. To criticize university research grants seems inconsistent while Chairing a think tank long funded via oil money to do climate anti-science.

[www.huffingtonpost.com/bill-chameides/non-climate-scientist-climate-b\\_173422.html](http://www.huffingtonpost.com/bill-chameides/non-climate-scientist-climate-b_173422.html)

This is part of article by Duke's Bill Chameides, which includes 7-minute video of **Happer**, speaking to Senate EPW February 25, 2009. The transcript is available at:  
[scienceandpublicpolicy.org/reprint/happer\\_senate\\_testimony.html](http://scienceandpublicpolicy.org/reprint/happer_senate_testimony.html)

[tedhsu.blogspot.com/2009/03/on-will-happer-and-lorne-gunter.html](http://tedhsu.blogspot.com/2009/03/on-will-happer-and-lorne-gunter.html)

"(1) Dr. Happer was a proponent of the Reagan administration's heavily criticized and eventually abandoned "Star Wars" (Strategic Defense Initiative) project.

2) He was appointed by George H.W. Bush as Director of Energy Research in the U.S. Department of Energy.

3) Soon after the Clinton administration took over in 1993, Happer was fired by Al Gore for not having any urgency in dealing with ozone depletion and climate change."

An article in Reason says this also, albeit from a different viewpoint, and others have pointed out that political appointees unsurprisingly change when administrations change, unless they have managed to "burrow in" to a civil service position beforehand.

[www.SEPP.org/Archive/contro/controversies/happer.html](http://www.SEPP.org/Archive/contro/controversies/happer.html)

[www.mitre.org/about/bot/happer.html](http://www.mitre.org/about/bot/happer.html) **JASON** Chair of Steering Committee 1987-1990

[www.fas.org/spp/starwars/congress/1999\\_h/990713-happer\\_071399.htm](http://www.fas.org/spp/starwars/congress/1999_h/990713-happer_071399.htm)

[www.marshall.org/experts.php?id=57](http://www.marshall.org/experts.php?id=57)

[www.climatedepot.com/a/4383/Princeton-Professor-Will-Happer-on-the-Orwellian-Movement-UN-IPCC-rewrites-the-history-of-the-past-climate-of-Earth-with-the-Hockey-Stick-which-is-clearly-fraudulent](http://www.climatedepot.com/a/4383/Princeton-Professor-Will-Happer-on-the-Orwellian-Movement-UN-IPCC-rewrites-the-history-of-the-past-climate-of-Earth-with-the-Hockey-Stick-which-is-clearly-fraudulent)

**A.Hockey**

Singer's 1999 "Hot talk, Cold Science – Revised Second Edition", published by **The Independent Institute (TII)**, has a blurb from **Happer**:

"HOT TALK, COLD SCIENCE carefully reviews the scientific, economic and policy literature on global warming, and provides a welcome, reasoned assessment of the facts and uncertainties. I strongly recommend this book to any citizen."

Hence, **Singer** and **Happer** were involved at least as far back as 1999.

**Contrib:** R99-04, D04: [www.newsmeat.com/fec/bystate\\_detail.php?city=Princeton&st=NJ&last=happer](http://www.newsmeat.com/fec/bystate_detail.php?city=Princeton&st=NJ&last=happer)

**Happer** was one of the organizers of the **APS2009** and surrounding advocacy efforts and then coauthored an email to APS members about Climategate (**A.12.3**).

**Harris, Tom (O3, O4) (Canada)**

[www.sourcewatch.org/index.php?title=Tom\\_Harris\\_%28Canadian\\_engineer/technology\\_specialist%29](http://www.sourcewatch.org/index.php?title=Tom_Harris_%28Canadian_engineer/technology_specialist%29)  
[deepclimate.org/2009/12/10/bali-2007-revisited/](http://deepclimate.org/2009/12/10/bali-2007-revisited/)

[www.nationalpost.com/news/story.html?id=164002](http://www.nationalpost.com/news/story.html?id=164002) Organized **BALI2007**.

**Activities:** **A.HOCKX**, **A.Hockey**, **BALI2007**, **Heart#1**, **Manhat2009**, **HeartExp#1**, **HeartExp#2**, **Manhat2009**

**Organizations:** **APCO**, **Heartland**, **ICSC**, **NRSP**

**People:** many

For **APCO**, he produced film "Climate Catastrophe Cancelled", published April; 2005. [**DEE2010d**]  
 In 2009, he helped organize the **Manhat2009 Declaration**, i.e., **ICSC** and **Heartland**.

**Hayden, Howard C.**

Emeritus Professor of Physics

University of Connecticut

Editor, The Energy Advocate

Author, A Primer on CO2 and Climate (Vales Lake)

[www.sourcewatch.org/index.php?title=Howard\\_Hayden](http://www.sourcewatch.org/index.php?title=Howard_Hayden)[www.energyadvocate.com](http://www.energyadvocate.com)**Activities:** Leipzig, OISM1998, A.Oreskes, Heart#1, Hert2009#2, Manhat2009, CATO2009, HeartExp#1, HeartExp#2**Organizations:** CATO, (advisor) CFACT, Heartland, (allied expert) NRSP**People:****Fields:** Nuclear; energy**Locations:** CT; now back in CO**Employers:** U of CT**Connections:** APS-NES: Gould. Answered questions for Alexander.

CFACT Board of Advisors with Baliunas, Michaels, Seitz (still listed as of 9/22/09)..

Heartland Institute; CFACT (was on 2003 list); APS-NES 2008 "Supplementary List".

**Notes:** U of Denver paper, 1968, current address U of CT.U of CT papers 1968-1991, then tails off. *Seemingly low citation count.*[www.physics.ccsu.edu/aps-nes/exec.htm](http://www.physics.ccsu.edu/aps-nes/exec.htm)[www.worldnpa.org/php2/index.php?tab0=Scientists&tab1=Display&id=125](http://www.worldnpa.org/php2/index.php?tab0=Scientists&tab1=Display&id=125):

"On receiving his Ph.D., he went to the University of Connecticut where he spent 32 years clasting icons and corrupting young minds. He did accelerator-based atomic physics, including measurements of cross-sections for various processes, measurements of energy loss in atomic collisions and of lifetimes of excited states, beam-foil spectroscopy, and ion implantation."

**CATO 2009; Heartland** "climate expert"; speaker at **Heartlandf2008#1, Heart#2.**[www.CFACT.org/about/1551/CFACT-Board-of-Advisors](http://www.CFACT.org/about/1551/CFACT-Board-of-Advisors), since Nov 2003 or before.[www.sourcewatch.org/index.php?title=Committee\\_for\\_a\\_Constructive\\_Tomorrow](http://www.sourcewatch.org/index.php?title=Committee_for_a_Constructive_Tomorrow)

Has written (self-published,Vales Lake) books:

*A Primer on CO2 and Climate, Second Edition*, 2008, and*The Solar Fraud: Why Solar Energy Won't Run the World*

He now lives back in his home state, CO, after long time in CT.

"From the long-haired hippie carrying No Nukes placards to the tweedy philosophy professor writing learned antinuclear articles for the Sunday supplements; from the 'concerned homemaker' worried about her children's health to the Harvard economist expounding about the real and putative hidden costs of nuclear power -- nuclear power is maligned by all but the cognoscenti,"

Howard Hayden, "The global warming trap: A contrarian view," Nuclear News, August 2000.

Mini-Review of His Primer: *Anti-science, even Pseudoscience:*

*His Primer seems of unusually low quality, even by anti-science standards.* For example, he accepts the data (shown in his Figure 7) from a pseudoscience article by Ernst-George Beck, published in **E&E**. Beck tried to show that the wild variations of measured CO2 concentrations over the last 180 years were not measurement problems, but real (contrary to impossibility of the large carbon fluxes required, and in total contradiction to multiple ice-core records and much other data), and by weird coincidence just happened to stabilize exactly when better-controlled measurements began to be used mid-20<sup>th</sup> century. He claimed that modern researchers cherry-picked past data to avoid seeing these wild, but real variations. Beck's errors are well-explained, but this paper remains popular in some circles.

[www.biomind.de/nogreenhouse/daten/EE%2018-2\\_Beck.pdf](http://www.biomind.de/nogreenhouse/daten/EE%2018-2_Beck.pdf) is the paper, see Fig. 11.[www.realclimate.org/wiki/index.php?title=E.\\_G.\\_Beck](http://www.realclimate.org/wiki/index.php?title=E._G._Beck)

*It is hard to believe that anyone with a PhD in Physics could take Beck seriously for more than a few minutes, without some powerful motivation to suspend disbelief.* He also references the next pair:

Gerhard Gerlich and Ralf D. Tseuschner tried to disprove the existence of any Greenhouse Effect:

[www.realclimate.org/wiki/index.php?title=G.\\_Gerlich\\_and\\_R.\\_D.\\_Tscheuschner](http://www.realclimate.org/wiki/index.php?title=G._Gerlich_and_R._D._Tscheuschner)

He participated in **A.Oreskes**, citing **Peiser** to refute Oreskes, p.49, not having noticed that Peiser had withdrawn his claims years before.

His book (p.52) says of Science magazine:

“The reviewer, Rush Holt, a U.S. Representative from New Jersey’s 12<sup>th</sup> district, goes on to say, “I believe Gore’s science is solid.” This remarkably naïve line is to be expected from run-of-the-mill scientific ignoramus in Congress. But it is utterly shameful when coming from one of Congress’s only two physicists. The alarming fact is simply that Science would publish such a review. Alarming, but not surprising. Science has long since given up its objectivity.”

### **Healy, Bernadine**

(Past Director), **GMI**

Cleveland Clinic Foundation.

**Activities:** **A.HOCKX(?)**

**Organizations:** (Director at least 08/14/02-01/16/06.) **GMI**

[web.archive.org/web/20060602014156/www.marshall.org/experts.php?id=77](http://web.archive.org/web/20060602014156/www.marshall.org/experts.php?id=77) says:

“Bernadine Healy, former President and C.E.O. of the American Red Cross, former Director of the National Institutes of Health, and former Dean of the Ohio State University College of Medicine, is Medical and Health Columnist for US News and World Report, and serves on the President’s Council of Advisors on Science and Technology.”

[en.wikipedia.org/wiki/Bernadine\\_Healy](http://en.wikipedia.org/wiki/Bernadine_Healy) :

“President **Ronald Reagan** appointed Healy deputy director of the White House Office of Science and Technology Policy. She served as chairman of the White House Cabinet Group on Biotechnology, executive secretary of the White House Science Council's Panel on the Health of Universities, and a member of several advisory groups on developing government wide guidelines for research in human subjects, and for the humane treatment of animals in research. She subsequently served on the President's Council of Advisers on Science and Technology during the administration of Presidents **George H.W. Bush** and **George W. Bush**.”

*Hence, the likely connection is via high-level science advisory positions with Republican administrations. She was an Advisor to TASSC, but apparently only briefly. She has been a strong critic of smoking, and may well have not realized what TASSC was at first, so I do not list her elsewhere.*

[www.sourcewatch.org/index.php?title=Scientific\\_Advisory\\_Board](http://www.sourcewatch.org/index.php?title=Scientific_Advisory_Board)

**Contrib:** R92-02, D92,03; R:\$18,250, D:\$1,000

[www.newsmeat.com/fec/bystate\\_result.php?last=healy&first=bernadine](http://www.newsmeat.com/fec/bystate_result.php?last=healy&first=bernadine) 6 locations in MD and OH

### **Helmer, Roger (UK)**

MEP – Member of European Parliament

**Activities:** **Helmer2009**, **A.CRU.Parl**

[rogerhelmermep.wordpress.com](http://rogerhelmermep.wordpress.com)

[www.rogerhelmer.com/conferenceprogramme.asp](http://www.rogerhelmer.com/conferenceprogramme.asp)

[jules-klimaat.blogspot.com/2010/01/mep-roger-helmers-yearly-climate.html](http://jules-klimaat.blogspot.com/2010/01/mep-roger-helmers-yearly-climate.html)

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc1402.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc1402.htm) :

“Your Committee of Enquiry should appoint a team of independent statisticians. Your committee should listen not only to CRU scientists, but also to those who have studied and criticised the data collection methods on which the CRU analysis is based, for example Anthony Watts ([www.wattsupwiththat.com](http://www.wattsupwiththat.com)).”

*For those familiar with **Watts**, this is rather amusing.*

### **Herlong, Mark**

**Activities:** **A.HOCKX**, and likely, many **GMI** meetings

**Organizations:** (Program Director, at least 04/05/01-current) **GMI**

**People:** **GMI**-related

[www.marshall.org/experts.php?id=42](http://www.marshall.org/experts.php?id=42)

01/01/08 Considerations for an 80% Reduction in Carbon Dioxide Emissions.

[www.marshall.org/pdf/materials/572.pdf](http://www.marshall.org/pdf/materials/572.pdf)

### **Hogan, J. Aloysius**

General Counsel, Legislative Council, Legislative Director 2001-2007, US Senate

**Activities:** A.HOCKX,

**Organizations:** US Senate

**People:** Inhofe

Congressional Staffer for EPW, Senators Hagel and **Inhofe**, most of the time on **Inhofe**'s staff.

[www.legistorm.com/person/J\\_Aloysius\\_Hogan/4709.html](http://www.legistorm.com/person/J_Aloysius_Hogan/4709.html)

[www.legistorm.com/trip/list/by/traveler/id/2926/name/J\\_Aloysius\\_Hogan.html](http://www.legistorm.com/trip/list/by/traveler/id/2926/name/J_Aloysius_Hogan.html)

*This lawyer seemed to take much more interest in tree-ring statistics than one might expect:*

[www.marshall.org/pdf/materials/188.pdf](http://www.marshall.org/pdf/materials/188.pdf) [GMI2003] 11/18/03 GMI Roundtable, p.26-27.:

*“Question:* Aloysius Hogan. I have heard questioning of the statistical and methodological practices associated with a number of papers and I would like to get an opinion from you both about the level of statistical and methodological analysis among normal peers. Are the people who are doing the peer review really qualified in those areas as statisticians or they are just educated laymen?

*McKittrick:* Now are you talking about the journal peer review or the IPCC review process?

*Question:* I am talking about the peer review for four or five different cases.”

*Currently, I think he is at Jackson Lewis:*

[www.jacksonlewis.com/attorneys/vattorney.cfm?aid=1391](http://www.jacksonlewis.com/attorneys/vattorney.cfm?aid=1391)

### **Horner, Christopher**

Senior Fellow at CEI, attorney, Counsel for CHC. (CEI & CHC)

[cei.org/people/christopher-c-horner](http://cei.org/people/christopher-c-horner)

[www.sourcewatch.org/index.php?title=Christopher\\_Horner](http://www.sourcewatch.org/index.php?title=Christopher_Horner)

**Activities:** A.Oreskes, A.HOCKX, GMI2005, A.Hockey, Heart#1, Heart#2, HeartExp#1, HeartExp#2, A.GATE

**Organizations:** CEI, CHC, FF, FF/CSPP, GMI, Heartland, TCS

**People:** Ebell, Fred.Smith; Inhofe; GMI-related

He was at CEI from 01/18/02 or earlier:

[web.archive.org/web/20020615143425/cei.org/dyn/staff\\_list.cfm](http://web.archive.org/web/20020615143425/cei.org/dyn/staff_list.cfm)

He was on 02/10/05 panel with **Inhofe**, **Ebell**, **O’Keefe**, **Wheeler**.

He attended 07/31/07 meeting sponsored by Roger Helmer, see also **Helmer2009**.

[m.democracyforum.co.uk/environment-energy/40212-roger-helmers-climate-change-conference.html](http://m.democracyforum.co.uk/environment-energy/40212-roger-helmers-climate-change-conference.html)

“Present throughout was Chris Horner, .... There has been much criticism of the CEI for their role in the climate change debate, given their funding by oil companies, and also their contribution to the debate on smoking (“There are things more valuable than health, said CEI) given that they are also funded by Philip Morris Tobacco. Horner is now Director of External Relations for the Brussels based European Enterprise Institute, which is seemingly following in the footsteps of CEI.”

His book [HOR2007] labeled (geoscientist/science historian) Oreskes as “history instructor”.

### **Idso, Craig (C.Idso) (son)**

CSCDGC

[www.sourcewatch.org/index.php?title=Craig\\_Idso](http://www.sourcewatch.org/index.php?title=Craig_Idso)

He worked for Peabody Energy at one point.

**Activities:** BALI2007, Heart#1, NIPCC2008, Heart#2, CATO2009, NIPCC2009, HeartExp#1, HeartExp#2, A.GATE, A.Hockey

**Organizations:** CATO, CFRACT, E&E, Heartland, ICECAP, SPPI, CSCDGC

**People:** many

**Idso, Sherwood (S.Idso) (father)****CSCDGC**[www.sourcewatch.org/index.php?title=Sherwood\\_B.\\_Idso](http://www.sourcewatch.org/index.php?title=Sherwood_B._Idso)**Activities:** OISM1998, GMI2002, BALI2007, CATO2009**Organizations:** CATO, CFACT, E&E, GMI, CSCDGC**People:** many**Inhofe, James (Senator, R-OK)**

*Inhofe is the most vocal climate anti-science Senator, and rated as the eighth most conservative Senator. Oil&gas is naturally the largest funding industry. His top contributor is **Koch Industries**, although Murray Energy, ConocoPhillips, Chevron, and **ExxonMobil** appear as well. Of course, with numerous “Retireds” and “PACs”, it is always nontrivial to know.*

[en.wikipedia.org/wiki/Jim\\_Inhofe](http://en.wikipedia.org/wiki/Jim_Inhofe)[www.realclimate.org/index.php/archives/2005/01/senator-inhofe](http://www.realclimate.org/index.php/archives/2005/01/senator-inhofe)[www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00005582&type=I](http://www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00005582&type=I)[www.opensecrets.org/politicians/contrib.php?cycle=Career&cid=N00005582&type=I](http://www.opensecrets.org/politicians/contrib.php?cycle=Career&cid=N00005582&type=I)[www.huffingtonpost.com/david-roberts/inhofes-speech-and-right-\\_b\\_30242.html](http://www.huffingtonpost.com/david-roberts/inhofes-speech-and-right-_b_30242.html)[epw.senate.gov/speechitem.cfm?party=rep&id=263759](http://epw.senate.gov/speechitem.cfm?party=rep&id=263759) full transcript of 10/25/06 talk.[epw.senate.gov/repwhitepapers/HOT%20AND%20COLD%20MEDIA%20SPIN%20CYCLE.pdf](http://epw.senate.gov/repwhitepapers/HOT%20AND%20COLD%20MEDIA%20SPIN%20CYCLE.pdf)

Oreskes was described as “a social scientist” and the hockey stick and Mann were discussed. PDF included the 16-year-old IPCC temperature chart (central England).

**Activities:** A.Oreskes, A.HOCKX, A.Hockey, Heart#3, A.GATE, A.Santer, US.CONG, among many.**Organizations:** AnnapCtr, GMI (*and likely, CEI/CHC, and many more*)**People:** manyHe met with **M&M** in 2003 [REG2005], **Regalado**:

“The two were invited to Washington as a vote neared on a bill to cap fossil-fuel emissions. They met with Sen. James Inhofe, who heads the environment committee and has called the threat of catastrophic global warming the “greatest hoax ever perpetrated on the American people.”

**Inhofe** counsel **Hogan** attended **GMI2003** meeting.**Inhofe** participated in 02/10/05 panel **GMI2005**: (emboldening mine):

“Senator Inhofe began the discussion by referring to a statement by EU environmental minister Margot Walstrom and French President Jacques Chirac that the global warming debate has nothing to do with climate change; it is intended to level the economic playing field worldwide. Clearly, he said, “global warming is the greatest single hoax ever perpetrated on the American people.” **The Senator will present four short speeches questioning the four pillars on which the alarmist view of climate change is based: the 2001 National Academy of Sciences report, the IPCC’s reliance on Michael Mann’s discredited “hockey stick” model, the Arctic climate impact assessment report, and the flawed data produced by climate models.**

*He employed **Morano** for years to write much climate anti-science PR.***Jastrow, Robert 1925-2008****Activities:** GMI1990, SIPP1993, OSIM1998, GMI2002, GMI2003, A.HOCKX**Organizations:** GMI, Heartland

**People:** many; **Nierenberg, Seitz, Singer**. Papers 1990-1997 (at least) with **Baliunas**, who was Deputy Director at Mount Wilson Observatory from starting in 1989. He was Director 1992-2003.

**Fields:** Astrophysics; astronomy, defense**Locations:** NY; NH; CA**Employers:** NASA; Dartmouth**Notes:** Columbia theoretical physics AB, AM, PhD 1948.

NASA 1958-1981, founded NASA Goddard Institute; Dartmouth 1981-1992; Chairman BoD of Mount Wilson 1992-2003.

Co-founder of **GMI**, advocate of Reagan SDI. 1985 book: "How to make nuclear weapons obsolete."

[articles.latimes.com/2008/feb/17/local/me-jastrow17](http://articles.latimes.com/2008/feb/17/local/me-jastrow17)

[adsabs.harvard.edu/abs/1997ASSL..210...10J](http://adsabs.harvard.edu/abs/1997ASSL..210...10J)

[en.wikipedia.org/wiki/Robert\\_Jastrow](http://en.wikipedia.org/wiki/Robert_Jastrow)

[www.sourcewatch.org/index.php?title=Robert\\_Jastrow](http://www.sourcewatch.org/index.php?title=Robert_Jastrow)

[www.giss.nasa.gov/research/news/20080303/](http://www.giss.nasa.gov/research/news/20080303/)

[www.nytimes.com/2008/02/12/science/space/12jastrow.html](http://www.nytimes.com/2008/02/12/science/space/12jastrow.html)

Wrote article for **Heartland**, 2001:

[www.Heartland.org/policybot/results/812/Do\\_people\\_cause\\_global\\_warming.html](http://www.Heartland.org/policybot/results/812/Do_people_cause_global_warming.html)

He lived in Los Angeles, at least during 1992-2001, records showing ZIPcode 90024, Wilshire Blvd, just East of UCLA, about 15 miles from USC, 20 miles from Caltech/JPL, and 50 miles from Mt Wilson Observatory. It would be astonishing if he had not had repeated contacts with CA aerospace and astro-sciences people over that decade.

**Contrib:** D97, R92-01; R: \$21,750, D:\$300

[www.newsmeat.com/fec/bystate\\_detail.php?st=CA&last=jastrow&first=robert](http://www.newsmeat.com/fec/bystate_detail.php?st=CA&last=jastrow&first=robert)

### **Keenan, Douglas J. (B1c example)**

[www.informath.org](http://www.informath.org)

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc4602.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc4602.htm)

**Activities:** A.CRU.Parl

**Organizations:**

**People:**

*"About the author:* I used to do mathematical research and financial trading on Wall Street and in the City of London; I now study independently."

*He seems to like looking for scientific fraud.* However, he claims **E&E** to be peer-reviewed.

### **Kline, Malcom A.**

Executive Director of **AIA**.

[www.academia.org/about-aia](http://www.academia.org/about-aia)

[www.academia.org/ice-age-on-campus](http://www.academia.org/ice-age-on-campus) "Ice Age on Campus,"

**Activities:** See **AIA**

**Organizations:** **AIA**

**People:** Stotts

### **Knappenberger, Paul C. ("Chip")**

[www.sourcewatch.org/index.php?title=Chip\\_Knappenberger](http://www.sourcewatch.org/index.php?title=Chip_Knappenberger)

[www.sourcewatch.org/index.php?title=New\\_Hope\\_Environmental\\_Services](http://www.sourcewatch.org/index.php?title=New_Hope_Environmental_Services)

[www.sourcewatch.org/index.php?title=World\\_Climate\\_Report](http://www.sourcewatch.org/index.php?title=World_Climate_Report)

**Activities:** A.Santer, A.HOCKX(?), A.GATE (see **WCR** articles)

**Organizations:** **SPPI**, **WCR**, **WFA**

**People:** He has long worked with **Michaels** at U VA, New Hope Environmental Services.

### **Kneiss, Sharon**

[www.sourcewatch.org/index.php?title=Sharon\\_Kneiss](http://www.sourcewatch.org/index.php?title=Sharon_Kneiss)

**Activities:** **GCSCT**.

**Organizations:** **Chevron**

### **Knox, Robert S.**

Professor of Physics Emeritus

University of Rochester

Member APS Council 1985-1988

Fellow APS

**Activities:** OISM1998, CATO2009, APS2009

**Organizations:** CATO, UofR-Phys

**People:** Douglass, Sproull

**Fields:** Optics; lasers

**Employers:** U of Rochester

**Notes:** U of Rochester PhD 1958

[www.rochester.edu/college/rtc/Knox.html](http://www.rochester.edu/college/rtc/Knox.html)

Signed **CATO** Advertisement, March 2009.

\*In last few years, has coauthored a few papers, some with **Douglass** and others.

1999 **Knox** "Physical aspects of the greenhouse effect and global warming"

2004 **Knox**

2004 **Douglass** Blackman **Knox**

2005 **Douglass** **Knox**

2006 **Douglass** **Knox** Pearson Clark

Conjecture: **Douglass** seems to be the driving force at this point, but **Knox** helps occasionally.

**Monckton** claims:

[scienceandpublicpolicy.org/images/stories/papers/reprint/Letter\\_to\\_McCain.pdf](http://scienceandpublicpolicy.org/images/stories/papers/reprint/Letter_to_McCain.pdf)

"His Nobel prize pin, made of gold recovered from a physics experiment, was presented to him by the Emeritus Professor of Physics at the University of Rochester, New York, USA."

*If not completely invented by Monckton, that seems likely to be **Knox**, but might have been **Sproull**.*

*Conjecture: This is possibly an indirect outcome of **GCSCT**, via **GMI**→**Sproull** → **Knox**, i.e.*

"Identify, recruit and train a team of five independent scientists to participate in media outreach. These will be individuals who do not have a long history of visibility and/or participation in the climate change debate."

**Contrib:** D92-01,

[www.newsmeat.com/fec/bystate\\_detail.php?st=NY&last=knox&first=robert&zip=14610](http://www.newsmeat.com/fec/bystate_detail.php?st=NY&last=knox&first=robert&zip=14610)

**Kotschwar, Lance W.**

(Various) Counsel jobs in House and Senate, 10/01/00-.

Started in House Energy&Commerce 12/28/07.

[www.legistorm.com/person/Lance\\_W\\_Kotschwar/30562.html](http://www.legistorm.com/person/Lance_W_Kotschwar/30562.html)

**Activities:** A.Hockey; (attended) Heart#2 for **Barton**.

**Organizations:** House of Representatives

**People:** Barton

**Krauthammer, Charles**

**GMI** Director at least 11/07/01-08/19/02.

**Organizations:** (short-time director) **GMI**

[web.archive.org/web/20021008173451/www.marshall.org/experts.php?id=58](http://web.archive.org/web/20021008173451/www.marshall.org/experts.php?id=58)

"He was a writer and editor for *The New Republic* from 1981 to 1988 and in the mid 1980s, began writing a weekly syndicated column for *The Washington Post* and a monthly essay for *Time* magazine.

Dr. Krauthammer has won a Pulitzer Prize for Distinguished Commentary and a National Magazine Award for Essays and Criticism. A collection of his essays and columns, *Cutting Edge*, was published in 1985. He is a regular weekly panelist on Inside Washington, a contributing editor to *The New Republic* and *The Weekly Standard* and serves on the editorial board of several journals, including the *National Interest* and the *Public Interest* magazines."

He had earlier been a Science Advisor for President Carter, and speechwriter for Walter Mondale, but clearly had shifted to the conservative political side by 1981, although his positions can be complex.

[en.wikipedia.org/wiki/Charles\\_Krauthammer](http://en.wikipedia.org/wiki/Charles_Krauthammer)

*In particular, advocating radically higher energy taxes to encourage conservation might not fit **GMI** well. Unlike most **GMI** Board members, his tenure was short, so the actual extent of his involvement is unclear.*

**Kueter, Jeffrey**

Executive Director/President **GMI**, at least since 03/30/02

<http://www.marshall.org/pdf/materials/776.pdf> **A.GATE**

<http://www.marshall.org/pdf/materials/514.pdf> 03/28/07

He cited various connections with **Baliunas, Christy, McIntyre**, claiming that [UCS2007] relied on out-of-date archived copies of GMI website. *Was this an attempt to mislead Congress? In looking for relationships, people do dig through history, are multi-year close working associations are relevant, even when positions have changed since?*

**Activities:** **GMI2003, A.Oreskes, GMI2005a, A.HOCKX, Heart#3, A.Hockey**

**Organizations:** **GMI** -related, **Heartland**

[web.archive.org/web/20021009212551/www.marshall.org/experts.php?id=43](http://web.archive.org/web/20021009212551/www.marshall.org/experts.php?id=43)

“Mr. Jeff Kueter received his B.A. in Political Science and Economics at the University of Iowa, where he graduated with honors, and an M.A. in Security Policy Studies and Science & Technology Studies at George Washington University. He has served as Research Director at the National Coalition for Advanced Manufacturing (NACFAM) and at Washington Nichibei Consultants. He has worked extensively in the area of science and technology and his particular field of interest is federal and state government policy in science-related issues.”

**Labohm, Hans H. J. (Netherlands)**

Economist/publicist; Netherlands climate anti-science

[www.tcsdaily.com/Authors.aspx?id=199](http://www.tcsdaily.com/Authors.aspx?id=199)

**Activities:** **Heidel1992** (Heidelberg Appeal Netherlands, 1993 actually), **BALI2007, NIPCC2008, GRE2008, NIPCC2009, HeartExp#1, Helmer2009**

**Organizations:** **E&E, Heartland, ICSC, TCS**

**People :** **Watts, McKittrick, Singer, Peiser, Delingpole**

[jules-klimaat.blogspot.com/2009/10/heidelberg-appeal-nederland.html](http://jules-klimaat.blogspot.com/2009/10/heidelberg-appeal-nederland.html)

[www.amazon.com/Man-Made-Global-Warming-Unraveling-Dogma/dp/0906522250](http://www.amazon.com/Man-Made-Global-Warming-Unraveling-Dogma/dp/0906522250)

[jules-klimaat.blogspot.com/2008/12/inhofe-650-hans-labohm-deserves-wearing.html](http://jules-klimaat.blogspot.com/2008/12/inhofe-650-hans-labohm-deserves-wearing.html)

**Lawson, Lord Nigel, Baron Lawson of Blaby (UK)**

[en.wikipedia.org/wiki/Nigel\\_Lawson](http://en.wikipedia.org/wiki/Nigel_Lawson)

[en.wikipedia.org/wiki/An\\_Appeal\\_to\\_Reason:\\_A\\_Cool\\_Look\\_at\\_Global\\_Warming](http://en.wikipedia.org/wiki/An_Appeal_to_Reason:_A_Cool_Look_at_Global_Warming)

**Activities:** **TGGS2007, BALI2007, A.GATE, A.CRU.Parl**

**Organizations:** (Chairman) **GWPF**

**People:** **Monckton, Peiser, others**

**Lawson** has been active since at least 2004, written books, etc.

His son Dominic Lawson is married to **Monckton**'s sister, Rosa Monckton.

**Legates, David**

[en.wikipedia.org/wiki/David\\_Legates](http://en.wikipedia.org/wiki/David_Legates)

[www.sourcewatch.org/index.php?title=David\\_Legates](http://www.sourcewatch.org/index.php?title=David_Legates)

[www.rightsidenews.com/200911157302/energy-and-environment/galileo-silenced-again.html](http://www.rightsidenews.com/200911157302/energy-and-environment/galileo-silenced-again.html)

[epw.senate.gov/stml\\_107.htm](http://epw.senate.gov/stml_107.htm) March 13, 2002 Senate EPW US.CONG

[sciencepolicy.colorado.edu/students/envs\\_5720/demeritt\\_2006.pdf](http://sciencepolicy.colorado.edu/students/envs_5720/demeritt_2006.pdf) **A.Hockey**

[www.heartland.org/environmentandclimate-news.org/article/26808/Climategate\\_Scandal\\_Deals\\_Blow\\_to\\_Global\\_Warming\\_Fears.html](http://www.heartland.org/environmentandclimate-news.org/article/26808/Climategate_Scandal_Deals_Blow_to_Global_Warming_Fears.html) **A.GATE**

**Activities:** **Leipzig, US.CONG, GMI2002, BALI2007, Heart#1, Heart#2, CATO2009, HeartExp#1, A.Hockey, A.GATE**

**Organizations:** **CATO, CEI, Climate Research** (Review Ed, 2006, at least), **E&E, GMI, Heartland, NCPA, SPPI, TII.**

**People:** many

**Contrib:** *R06*, [www.newsmeat.com/fec/bystate\\_detail.php?st=AZ&last=levine&first=robert&zip=85650](http://www.newsmeat.com/fec/bystate_detail.php?st=AZ&last=levine&first=robert&zip=85650)

**Lewis, Harold W. (H.Lewis)**

Professor of Physics Emeritus

University of California at Santa Barbara

Chairman, Defense Science Board Panel on Nuclear Winter

Fellow APS, AAAS; Chairman, APS Reactor Safety Study

**Activities:** OISM1998, (organizer)**Organizations:** CEI,**People:** (other APS2009 organizers) Austin, Cohen, Gould, Happer, Singer**Fields:** Nuclear; defense**Locations:** CA-Santa Barbara**Employers:** UCSB**Connections:** Nierenberg, Dyson, other JASONs. It is hard to believe he would not have known Starr, and of course, many people in nuclear power would know at least one of them.**Notes:** Nuclear; JASON (1960s-1970s)[www.catalog.ucsb.edu/current/depts/phys.htm#Emeriti](http://www.catalog.ucsb.edu/current/depts/phys.htm#Emeriti)Wrote *Technological Risk*, 1990:[www.amazon.com/gp/product/0393308294](http://www.amazon.com/gp/product/0393308294)His 1990 book included fairly straightforward science-based positions on tobacco, acid rain, and global warming that would have conflicted with **Heartland** and **GMI**.[www.boston.com/bostonglobe/editorial\\_opinion/oped/articles/2009/07/01/no\\_climate\\_debate\\_yes\\_there\\_is](http://www.boston.com/bostonglobe/editorial_opinion/oped/articles/2009/07/01/no_climate_debate_yes_there_is)**Contrib:** R04,[www.newsmeat.com/fec/bystate\\_detail.php?city=Santa+Barbara&st=CA&last=lewis&first=harold](http://www.newsmeat.com/fec/bystate_detail.php?city=Santa+Barbara&st=CA&last=lewis&first=harold)**Lewis, Marlo (M.Lewis)**

Senior Fellow, CEI

[www.sourcewatch.org/index.php?title=Marlo\\_Lewis](http://www.sourcewatch.org/index.php?title=Marlo_Lewis)[www.globalwarming.org/author/marlo-lewis](http://www.globalwarming.org/author/marlo-lewis)[www.globalwarming.org/2009/11/24/real-climate-spin](http://www.globalwarming.org/2009/11/24/real-climate-spin) A.Hockey**Activities:** A.HOCKX, Heart#1, Heart#2, HeartExp#1**Organizations:** CEI, (Chairman, at some point) CHC, Hoover, Reason**People:** Ebell, Horner; many**Lindzen, Richard S.**[www-eaps.mit.edu/faculty/lindzen/CV.pdf](http://www-eaps.mit.edu/faculty/lindzen/CV.pdf)[www-eaps.mit.edu/faculty/lindzen/PublicationsRSL.html](http://www-eaps.mit.edu/faculty/lindzen/PublicationsRSL.html)[en.wikipedia.org/wiki/Richard\\_Lindzen](http://en.wikipedia.org/wiki/Richard_Lindzen)[www.sourcewatch.org/index.php?title=Richard\\_S.\\_Lindzen](http://www.sourcewatch.org/index.php?title=Richard_S._Lindzen) See especially for list of articles[www.exxonsecrets.org/html/personfactsheet.php?id=17](http://www.exxonsecrets.org/html/personfactsheet.php?id=17)[www.independent.org/aboutus/person\\_detail.asp?id=1215](http://www.independent.org/aboutus/person_detail.asp?id=1215)[cei.org/gencon/014%2C03199.cfm](http://cei.org/gencon/014%2C03199.cfm)[www.marshall.org/article.php?id=264](http://www.marshall.org/article.php?id=264)[www.marshall.org/experts.php?id=117](http://www.marshall.org/experts.php?id=117)[climaterealist.com/index.php?id=5256](http://climaterealist.com/index.php?id=5256)[physicsworld.com/cws/article/print/26945](http://physicsworld.com/cws/article/print/26945) A.Hockey[online.wsj.com/article/SB10001424052748703939404574567423917025400.html](http://online.wsj.com/article/SB10001424052748703939404574567423917025400.html) A.GATE**Activities:** Heidelberg1992, SPPI1993, Leipzig, OISM1998, TGGS2007, BALI2007, Heart#1, Heart#2, CATO2009, Heart#3, A.HOCKX(?), A.Hockey, A.Oreskes, A.GATE**Organizations:** AnnapCtr, CEI/CHC, E&E, GMI, GWPF, ACCF(1993 commentary)**People:** (co-authors) Carter, de Freitas, many others

His earlier atmospheric work was fine enough to gain membership in the NAS. He has a multi-decadal

history believing that climate sensitivity to CO2 doubling was much lower than most other relevant scientists and that scientists should say nothing to politicians until results were “sure” [SCH2009]. He has written paper after paper trying to show that in one way or another, but his results have often not stood up very well. Climate “skeptics” can get papers published in reasonable journals if not absurdly wrong, but they often fail to stand up very long, often refuted within the 1-2 year cycle for writing and then publishing articles in serious journals. His “IRIS effect” was an interesting idea that was refuted fairly quickly, but his OpEds and article outside peer-reviewed journals sometimes repeat very silly memes.

He is/was a member of **AnnapCtr** Science and Economic Advisory Council, and associated with **TII**. He is a **GMI** expert, an Academic Advisory Council member of the recent **GWPF** (UK). He spoke at **Heart#2** and **Heart#3**, at **CHC**-sponsored Congressional briefing, signed **Leipzig**, **OISM**, **BALI2007**, and **CATO2009**.

He and **Christy** were **Randol**’s (**ExxonMobil**) suggestions to replace Bierbaum and MacCracken at IPCC. [www.nrdc.org/media/docs/020403.pdf](http://www.nrdc.org/media/docs/020403.pdf) p.5.

Even **GCC**’s own analysis did not support him well:  
[www.sourcewatch.org/images/8/82/GCC\\_Primer\\_Draft.pdf](http://www.sourcewatch.org/images/8/82/GCC_Primer_Draft.pdf)

**WSJ** has provided him OpEd spots, probably more than any other climate scientist, **A.13**.  
[www.opinionjournal.com/extra/?id=110008597](http://www.opinionjournal.com/extra/?id=110008597) he wrote:

“More recently, a study in the journal *Science* by the social scientist Nancy (sic) Oreskes claimed that a search of the ISI Web of Knowledge Database for the years 1993 to 2003 under the key words "global climate change" produced 928 articles, all of whose abstracts supported what she referred to as the consensus view. A British social scientist, Benny Peiser, checked her procedure and found that only 913 of the 928 articles had abstracts at all, and that only 13 of the remaining 913 explicitly endorsed the so-called consensus view. Several actually opposed it.” **A.Oreskes**

Naomi (not Nancy) Oreskes is a geoscientist&science historian, whereas **Peiser** is a social anthropologist whose lack of climate expertise was quickly exposed by mid-2005, and by March 2006 he had withdrawn his criticism, at least 3 months before **Lindzen**’s article.

*This is an OpEd in a prestige newspaper. Is this good fact-checking?*

He also wrote:

“The models imply that greenhouse warming should impact atmospheric temperatures more than surface temperatures, and yet satellite data showed no warming in the atmosphere since 1979. The report showed that selective corrections to the atmospheric data could lead to some warming, thus reducing the conflict between observations and models descriptions of what greenhouse warming should look like. That, to me, means the case is still very much open.”

He referred to the **Christy&Spencer** UAH satellite analyses, which unlike everything else, showed no warming. That turned out to be an error (one of a series) admitted by **Christy&Spencer** in November 2005, all in *Science*. Since this had been a major discrepancy, it is unimaginable that any serious atmospheric scientist was unaware of this. I am no climate scientist, but am a AAAS member, and I certainly knew about it. Simply, they had been wrong, several different ways, including a sign error in computer software. The errors usually produced cooling, or less warming than other analyses and data. As errors got fixed over time, their results got closer to other people’s.

[www.realclimate.org/index.php/archives/2005/11/more-satellite-stuff](http://www.realclimate.org/index.php/archives/2005/11/more-satellite-stuff)

**Lindzen** was referenced in the **WR**:

[www.geocraft.com/WVFossils/Reference\\_Docs/Lindzen\\_2005\\_Climate\\_Claims.pdf](http://www.geocraft.com/WVFossils/Reference_Docs/Lindzen_2005_Climate_Claims.pdf)

It references **M&M**, **Singer**’s claims about Revelle, **Happer**’s claims about politicization of science and a **Soon** paper in **E&E**.. This paper offers “Republicans versus sunspots” chart (p.8).

**Lomborg, Bjorn (Denmark)**

[www.lomborg.com](http://www.lomborg.com)

[en.wikipedia.org/wiki/Bj%C3%B8rn\\_Lomborg](http://en.wikipedia.org/wiki/Bj%C3%B8rn_Lomborg)

[www.lomborg-errors.dk/](http://www.lomborg-errors.dk/)

[thingsbreak.wordpress.com/2009/01/08/lomborg-long-game](http://thingsbreak.wordpress.com/2009/01/08/lomborg-long-game)

[www.scienceblog.com/community/older/archives/K/1/pub1251.html](http://www.scienceblog.com/community/older/archives/K/1/pub1251.html)

[www.marketwire.com/press-release/Fraser-Institute-Media-Advisory-Environmental-Economist-Bjorn-Lomborg-Discusses-Options-796195.htm](http://www.marketwire.com/press-release/Fraser-Institute-Media-Advisory-Environmental-Economist-Bjorn-Lomborg-Discusses-Options-796195.htm) Fraser talk

[www.cato.org/pubs/regulation/regv27n4/v27n4-inreview.pdf](http://www.cato.org/pubs/regulation/regv27n4/v27n4-inreview.pdf) (CATO review of Hoover book)

[reason.com/people/bjorn-lomborg/articles](http://reason.com/people/bjorn-lomborg/articles) Contributor

[reason.tv/video/show/621.html](http://reason.tv/video/show/621.html) speech at 40<sup>th</sup> anniversary

**Activities:** *The Skeptical Environmentalist* (2001) pp.260-263 fits **A.Hockey; HeartExp#1, HeartExp#2 Cool It! (2007, (longer than US) British Edition)** attacks hockey stick and Jones (**A.Hockey, A.GATE**, cites **WR (p.339)**)

**Organizations:** CEI (2003), Fraser(2007), Hoover(2004), Manhattan(2008), Reason(2008)

*In an early Amazon review, I gave TSE every benefit of the doubt, before I had spent a month chasing down the blizzard of references that often did not match. I learned more since then.*

**Lungren, David**

Senate EPW (**Inhofe**), since 2005. → Deputy Press Secretary

One of **Morano**'s replacements.

[www.legistorm.com/person/David\\_L\\_Lungren/4756.html](http://www.legistorm.com/person/David_L_Lungren/4756.html)

[epw.senate.gov/public/index.cfm?FuseAction=PressRoom.PressReleases&ContentRecord\\_id=95A85493-802A-23AD-4090-BA6C1B31B031](http://epw.senate.gov/public/index.cfm?FuseAction=PressRoom.PressReleases&ContentRecord_id=95A85493-802A-23AD-4090-BA6C1B31B031)

**Activities:** **A.HOCKX**, He is listed as one of the contacts for **[INH2010]**, so **A.GATE, US.CONG**

**Organizations:** Senate EPW (**Inhofe**)

**People:** **Inhofe, Dempsey**

**Luntz, Frank**

Republican pollster, strategist, author of influential July 2002 memo to GWBush, **Inhofe**, others

[en.wikipedia.org/wiki/Frank\\_Luntz](http://en.wikipedia.org/wiki/Frank_Luntz)

[www.ewg.org/node/8684](http://www.ewg.org/node/8684)

**Activities:** **US.CONG, A.HOCKX(?)**

**People:** Republican politicians

See discussions in context in **[MOO2005]**, **Luntz** is mentioned often, as is **Inhofe**'s follow-up.

"In a written response to a question, **Inhofe**'s staff fully admitted that he'd read it." p.78.

Also, see the discussions of **TASSC** and its popularization of "sound science," which usually means the opposite.

[www.aspenlawschool.com/books/plater\\_environmentallaw/updates/02.6.pdf](http://www.aspenlawschool.com/books/plater_environmentallaw/updates/02.6.pdf) part of memo, including (with original formatting):

**"The scientific debate remains open.** Voters believe that there is **no consensus** about global warming within the scientific community. Should the public come to believe that the scientific issues are settled, their views about global warming will change accordingly. Therefore, **you need to continue to make the lack of scientific certainty a primary issue in the debate**, and defer to scientists and other experts in the field.'" p.7

"The most important principle in any discussion of global warming is your commitment to sound science." p.8

"The scientific debate is closing [against us] but not yet closed. There is still a window of opportunity to challenge the science."

"You need to be even more active in recruiting experts who are sympathetic to your view, and much more active in making them part of your message. People are willing to trust scientists, engineers, and other leading research professionals, and less willing to trust politicians. If you wish to challenge the prevailing wisdom about global warming, it is more effective to have professionals making the case than politicians."

*That possibly has something to do with **GMI2002** (letter by scientists), promotion of **Essex&McKittrick**,*

*GMI2003 (and Inhofe meeting with M&M about that time), and expansion of A.HOCKX from M&M, Ebell, CEI/CHC, GMI, et al into use by Inhofe, Barton, Whitfield.*

**Marohasy, Jennifer (Australia)**

[www.jennifermarohasy.com](http://www.jennifermarohasy.com)

[jennifermarohasy.com/blog/](http://jennifermarohasy.com/blog/)

[www.sourcewatch.org/index.php?title=Jennifer\\_Marohasy](http://www.sourcewatch.org/index.php?title=Jennifer_Marohasy)

[www.jennifermarohasy.com/articles.php?id=180](http://www.jennifermarohasy.com/articles.php?id=180) **A.GATE**

[www.google.com/custom?hl=en&domains=http%3A%2F%2Fjennifermarohasy.com&q=hockey&btnG=Search&siteSearch=http%3A%2F%2Fjennifermarohasy.com](http://www.google.com/custom?hl=en&domains=http%3A%2F%2Fjennifermarohasy.com&q=hockey&btnG=Search&siteSearch=http%3A%2F%2Fjennifermarohasy.com) **A.Hockey**

**Activities:** A.Oreskes, A.Hockey, CATO2009, A.GATE

**Organizations:** AUG, IPA

For years, her blog was a favored Australian website for passing along climate anti-science,

**Mason, John (UK)** (*09, example of finding sympathetic editor*)

[www.eaas.co.uk/meetings/200203.html](http://www.eaas.co.uk/meetings/200203.html) astronomy

[www.praxis-publishing.co.uk/editorial.htm](http://www.praxis-publishing.co.uk/editorial.htm), Chief Subject Advisory Editor for Springer-Praxis

[www.praxis-publishing.co.uk](http://www.praxis-publishing.co.uk)

**Activities:** A.Hockey (via printing Rapp book)

**Organizations:** Springer

**People:** Rapp, Marcel Leroux

He was the Series Editor Advisory Editor several books that cast doubt on climate science with minimal technical basis, and *sometimes plagiarism*. **Springer** is a respected publisher. Obviously, they can publish whatever they like, but apparently they have published (generally at \$150-\$200 each):

Marcel Leroux, *Dynamic Analysis of Weather and Climate*, 1998

[books.google.com/books?id=niIRAAAAMAAJ&q=marcel+leroux&dq=marcel+leroux&cd=2](http://books.google.com/books?id=niIRAAAAMAAJ&q=marcel+leroux&dq=marcel+leroux&cd=2)

Jens Bischof, *Ice Drift, Ocean Circulation, and Climate Change*, 2000.

[books.google.com/books?id=WZgtNnR21kgC&lpg=PP1&dq=Ice%20Drift%2C%20Ocean%20Circulation%20and%20Climate%20Change&pg=PP1#v=onepage&q=&f=false](http://books.google.com/books?id=WZgtNnR21kgC&lpg=PP1&dq=Ice%20Drift%2C%20Ocean%20Circulation%20and%20Climate%20Change&pg=PP1#v=onepage&q=&f=false) See Chapter 10.

Marcel Leroux, *Global Warming – Myth of Reality – The Erring Ways of Climatology*, 2005.

[www.springerlink.com/content/tx341p/?p=f3fa0769c546457bb72e4e0da98390bf&pi=0](http://www.springerlink.com/content/tx341p/?p=f3fa0769c546457bb72e4e0da98390bf&pi=0)

He thanks **Singer**, SEPP newsletters, **Peiser**'s CCNet, *climateskeptics* website.

Donald **Rapp**, *Assessing Climate Change: temperatures, solar radiation, and heat balance*, 2008, covered in detail under **Rapp**, including DC's discussion of *plagiarism* of **WR**.

[books.google.com/books?id=GOIV9MzyFHQC&lpg=PR10&ots=SnL0d\\_-tl5&lr=&pg=PR10#v=onepage&q=&f=false](http://books.google.com/books?id=GOIV9MzyFHQC&lpg=PR10&ots=SnL0d_-tl5&lr=&pg=PR10#v=onepage&q=&f=false) 2<sup>nd</sup> Edition supposed to be coming January 2010.

Donald **Rapp**, *Ice Ages and Interglacials – Measurements, Interpretations, and Models*, 2009.

[www.springerlink.com/content/978-3-540-89679-1](http://www.springerlink.com/content/978-3-540-89679-1)

[books.google.com/books?id=37X9LKys\\_0QC&lpg=PP1&ots=urfvH\\_F2mS&dq=ice%20Ages%20and%20Interglacials%3A%20Measurements%2C%20Interpretation%20and%20Models&pg=PP1#v=onepage&q=&f=false](http://books.google.com/books?id=37X9LKys_0QC&lpg=PP1&ots=urfvH_F2mS&dq=ice%20Ages%20and%20Interglacials%3A%20Measurements%2C%20Interpretation%20and%20Models&pg=PP1#v=onepage&q=&f=false)

Marcel Leroux, *Dynamic Analysis of Weather and Climate*, 2010 (to appear, *might not belong in this list*)

[www.springer.com/earth+sciences+%26+geography/meteorology+and+climatology/book/978-3-642-04679-7](http://www.springer.com/earth+sciences+%26+geography/meteorology+and+climatology/book/978-3-642-04679-7)

**McGinley, Jean Marie**

House Energy&Commerce Committee, Director-Information Technology 07/07/04- **(Barton)**

She is listed as Author (or rather PDF-maker) of the **Barton/Whitfield** letters **(A.9.6)**.

**Activities:** A.HOCKX

**Organizations:** House of Representatives

**People:** Barton

**M&M McIntyre & McKitrick, abbreviation used often.**

**McIntyre, Steven**

[www.sourcewatch.org/index.php?title=Steve\\_McIntyre](http://www.sourcewatch.org/index.php?title=Steve_McIntyre)

[climateaudit.org](http://climateaudit.org)

[bigcitylib.blogspot.com/2007/08/who-heck-is-steve-mcintyre-portait-of.htm](http://bigcitylib.blogspot.com/2007/08/who-heck-is-steve-mcintyre-portait-of.htm)

**McIntyre** has been a **GMI** “expert” starting no later than 03/11/04:

[web.archive.org/web/\\*/http://www.marshall.org/experts.php?id=98](http://web.archive.org/web/*/http://www.marshall.org/experts.php?id=98),

**Activities:** GMI2003, GMI2005a, Heart#2, HeartExp#1, A.HOCKX, A.Hockey, A.GATE,

A.CRU.Parl

**Organizations:** CEI, CHC, E&E, GMI, Heartland, WSJ

**People:** many

**He had 2 submissions for A.CRU.Parl:**

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc1102.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc1102.htm)

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3202.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3202.htm)

He clearly has devoted a large fraction of his time to these activities.

**McKitrick, Ross**

[www.uoguelph.ca/~rmckitri/ross.html](http://www.uoguelph.ca/~rmckitri/ross.html)

[www.uoguelph.ca/~rmckitri/research/papers.html](http://www.uoguelph.ca/~rmckitri/research/papers.html)

[www.uoguelph.ca/~rmckitri/cv.html](http://www.uoguelph.ca/~rmckitri/cv.html)

[www.cornwallalliance.org/docs/a-call-to-truth-prudence-and-protection-of-the-poor.pdf](http://www.cornwallalliance.org/docs/a-call-to-truth-prudence-and-protection-of-the-poor.pdf) “A call to Truth, Prudence, and Protection of the Poor: an Evangelical Response to Global Warming”

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3102.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3102.htm)

**Activities:** GMI2003, GMI2005a, A.HOCKX, A.Hockey, BALI2007, Heart#1, Heart#2, CATO2009, Hemer2009, HeartExp#2, A.CRU.Parl, A.GATE

**Organizations:** APCO, CATO, E&E, FoS, Fraser, GMI

**People:** Essex, McIntyre, Ebell, many others

[www.uoguelph.ca/~rmckitri/cc.html](http://www.uoguelph.ca/~rmckitri/cc.html)

“[The Science and Public Policy Institute](http://www.uoguelph.ca/~rmckitri/cc.html) among other things features the work of Christopher Monckton, Viscount of Brenchley, who has emerged as a skilled and determined opponent of climate alarmism. Be sure to check out his movie, which presents his recent lecture at Cambridge. I think that if Churchill were still around he would walk past a roomful of MPs to shake Monckton's hand.

[CO2Science](http://www.co2science.org) is an on-line library put together by two Arizona-based plant biologists. You can search the scientific literature on any climate-change related topic and find ample contrarian research. They provide the citations and summaries of the study and results. There is especially detailed information about the effects of climate change on plants. They also publish editorials each week.

[The Friends of Science](http://www.thefriendsofscience.org). A group of sensible people out west have begun to do what Environment Canada ought to have done long ago--compile some on-line information so that people can read up on some unsettled issues on this interesting topic.

[The Competitive Enterprise Institute](http://www.competitiveenterpriseinstitute.org). This small think tank in Washington runs on a shoestring, yet has had a huge impact on international climate policy.”

He likes **Monckton (SPPI)**, **CO2SCIENCE (CSCDGC)** and has been a “Professional Contact” and helped make a movie for **FoS**.

**McKittrick** usually lists his affiliation as University of Guelph for general publications and audiences, but he has also been a Senior Fellow at the **Fraser Institute** since 10/15/02

[www.fraserinstitute.org/files/PDFs/annual\\_reports/2002\\_Annual\\_Report.pdf](http://www.fraserinstitute.org/files/PDFs/annual_reports/2002_Annual_Report.pdf), p.5

“As the debate about the Kyoto protocol echoed across Canada, we were pleased to welcome, as a Senior Fellow, Professor Ross McKittrick of the University of Guelph, who has been one of Canada’s most articulate and incisive analysts of the impact that the Kyoto Protocol would have in Canada. The Institute was pleased to be able to assist Professor McKittrick in the publication of his book *Taken By Storm* with Professor Christopher Essex of the University of Western Ontario, undoubtedly the most comprehensive assessment of the economic and scientific aspects of global warming to have been issued. We were pleased also to have been able to team up with Professor McKittrick and Bjørn Lomborg, the “skeptical environmentalist” for major presentations in Toronto and Calgary at the height of the Kyoto debate.”

He was also an “expert” at **GMI** since 03/11/04 or earlier.

[web.archive.org/web/\\*/www.marshall.org/experts.php?id=100](http://web.archive.org/web/*/www.marshall.org/experts.php?id=100)

People can associate with whom they wish, but **Fraser** and especially **GMI** have long histories of climate anti-science. *It seems fair to weigh that as well when such people claim to be seeking scientific truth.*

### **Michaels, Patrick J.**

**CATO**; New Hope; was at U of Virginia, recently affiliated with **GMU** as well.

**Activities:** Leipzig, A.Santer, **GMI2002**, **GMI2003**, A.HOCKX, A.Hockey, **TGGS2007**, **Heart#1**, **Heart#2**, **CATO2009**, **Heart#3**, **HeartExp#1**, A.GATE

**Organizations:** APCO, **CATO**, E&E, GES, **GMI**, **GMU**, **Heartland**, **ICECAP**, **TCS**, **WCR**, **WSJ**, **WFA**

**People:** many

**Fields:** Ecological Climatology

**Locations:** VA

**Employers:** UVa, Virginia State, **CATO**, New Hope (own company)

On **CFACT** Advisory Board with **Baliunas**, **Hayden**, **Seitz**. Overlap with **Singer** @ U of VA.

Wrote book with chapters by **Christy**, **Baliunas**, and **Soon**.

**Notes:** Harvard, A.B. and S.M degrees in biological sciences and plant ecology, U of Chicago, PhD ecological climatology U of Wisconsin 1979, under Reid Bryson.

[www.sourcewatch.org/index.php?title=World\\_Climate\\_Report](http://www.sourcewatch.org/index.php?title=World_Climate_Report)

[www.cato.org/people/patrick-michaels](http://www.cato.org/people/patrick-michaels)

[www.sej.org/initiatives/climate-change/patrick-michaels-cv-plain-text-file-climate-change-guideskeptics-and-cont](http://www.sej.org/initiatives/climate-change/patrick-michaels-cv-plain-text-file-climate-change-guideskeptics-and-cont)

[en.wikipedia.org/wiki/Patrick\\_Michaels](http://en.wikipedia.org/wiki/Patrick_Michaels)

[www.sourcewatch.org/index.php?title=Patrick\\_Michaels](http://www.sourcewatch.org/index.php?title=Patrick_Michaels)

[www.sourcewatch.org/index.php?title=New\\_Hope\\_Environmental\\_Services](http://www.sourcewatch.org/index.php?title=New_Hope_Environmental_Services)

[www.sourcewatch.org/index.php?title=World\\_Climate\\_Report](http://www.sourcewatch.org/index.php?title=World_Climate_Report)

[www.desmogblog.com/files/IREA-memo.pdf](http://www.desmogblog.com/files/IREA-memo.pdf) IREA supporting **Michaels**

[www.desmogblog.com/CATO-institute-and-patrick-michaels-its-small-world-after-all](http://www.desmogblog.com/CATO-institute-and-patrick-michaels-its-small-world-after-all) **CATO** funding

He has long published **WCR**, for which **Baliunas** was a Contributing Editor, with help from **Balling**, **Davis**, and **Knappenberger**.

[www.worldclimaterreport.com](http://www.worldclimaterreport.com) See **GES**, Greening Earth Society.

He has written papers for **GMI**:

[search.atomz.com/search/?sp-q=michaels&sp-a=sp100240f4&sp-f=ISO-8859-1&submit=Search](http://search.atomz.com/search/?sp-q=michaels&sp-a=sp100240f4&sp-f=ISO-8859-1&submit=Search)

“New Hope Environmental Services is an advocacy science consulting firm”

In the 1980s and 1990s, he wrote some peer-reviewed climate papers, but in 1990s and 2000s, much more of his output has been books, web papers, etc. Two of his recent books are [**MIC2005**, **MIC2009**].

He contributed to **A.Oreskes** with:

[www.cato.org/pub\\_display.php?pub\\_id=3519](http://www.cato.org/pub_display.php?pub_id=3519)

“the Voice of America broadcast a story linking tsunamis and global warming. Naomi Oreskes, an associate professor of History at the University of California, said the tsunami that slammed the Asian and African

coastlines underscores the need to take action on global warming. The argument runs, many people live in the path of potential tsunamis. If global warming were to lift the sea level, coastal peoples would be more vulnerable to massive future inundations... Mathematics is obviously not Ms. Oreskes' strong suit, and she'd be a failure as a fact checker. There is plenty of quantitative data on sea-level rise and historical tsunamis and it all paints her argument in a bad light."

She actually had said:

"I wouldn't want to exaggerate the interrelationship to the tsunami. It doesn't have anything to do with global warming, it has to do with earthquakes," Oreskes told Voice of America on Monday.

"As sea levels begin to rise, things like coastal flooding will become more and more common and it will be some of the poorest and most vulnerable people of the world that will be most severely effected by that,"

Oreskes is not just a history professor (and lately, a UCSD Provost), but has published work on geology, oceanography and evaluation of numerical models:

[historyweb.ucsd.edu/oreskes/pages/publication.html](http://historyweb.ucsd.edu/oreskes/pages/publication.html)

*It is especially bizarre to see **Michaels** attacking Oreskes' fact-checking.* Hers is good enough for AAAS and *Science*, his is good enough for **CATO**.

He recently got a **WSJ** Opinion slot (part of **A.Santer** or **A.GATE**):

[online.wsj.com/article/SB10001424052748704398304574598230426037244.html](http://online.wsj.com/article/SB10001424052748704398304574598230426037244.html)

<http://www.cato.org/people/patrick-michaels>

"Patrick J. Michaels is a Distinguished Senior Fellow in the School of Public Policy at George Mason University. He is a past president of the American Association of State Climatologists and was program chair for the Committee on Applied Climatology of the American Meteorological Society. Michaels was also a research professor of Environmental Sciences at University of Virginia for thirty years. Michaels is a contributing author and reviewer of the United Nations Intergovernmental Panel on Climate Change." The GMU part is confirmed:

[http://policy.gmu.edu/portals/0/syllabi/2009\\_3/PUBP713\\_002.pdf](http://policy.gmu.edu/portals/0/syllabi/2009_3/PUBP713_002.pdf)

And here's a course he's going to be teaching (PDF made 3/2/10):

[http://policy.gmu.edu/portals/0/syllabi/2010\\_2/PUBP710.pdf](http://policy.gmu.edu/portals/0/syllabi/2010_2/PUBP710.pdf)

**Contrib:** R99-00, [www.newsmeat.com/fec/bystate\\_detail.php?st=VA&last=michaels&first=patrick](http://www.newsmeat.com/fec/bystate_detail.php?st=VA&last=michaels&first=patrick)

### **Miller, Lisa L.**

**Barton** staffer, 04/06/04- .

She was Deputy Communications Director until 11/01/07, then Director since

[www.legistorm.com/person/Lisa\\_L\\_Miller/19135.html](http://www.legistorm.com/person/Lisa_L_Miller/19135.html)

[www.legistorm.com/trip/list/by/traveler/id/8415/name/Lisa\\_L\\_Miller.html](http://www.legistorm.com/trip/list/by/traveler/id/8415/name/Lisa_L_Miller.html)

**Activities:** A.HOCKX(?); (attended) **Heart#2**

**Organizations:** US House of Representatives

**People:** Barton

### **Milloy, Steven J.**

[junkscience.com](http://junkscience.com)

[en.wikipedia.org/wiki/Steven\\_Milloy](http://en.wikipedia.org/wiki/Steven_Milloy)

[www.sourcewatch.org/index.php?title=Steven\\_J.\\_Milloy](http://www.sourcewatch.org/index.php?title=Steven_J._Milloy)

[www.junkscience.com/Greenhouse](http://www.junkscience.com/Greenhouse)

**Activities:** GCSCT, A.Oreskes, A.Hockey, GGS2007, **Heart#1**, **HeartExp#1**, **HeartExp#2**,

**Organizations:** APCO, API, CATO, CHC, CEI, **Heartland**, TASSC, TCS; tobacco companies

**People:** many

*In Figure 2.1, the box "Hack" might apply.*

### **Monckton, Christopher Third Viscount Monckton of Brenchley (UK)**

[en.wikipedia.org/wiki/Christopher\\_Monckton,\\_3rd\\_Viscount\\_Monckton\\_of\\_Brenchley](http://en.wikipedia.org/wiki/Christopher_Monckton,_3rd_Viscount_Monckton_of_Brenchley)

[www.sourcewatch.org/index.php?title=Christopher\\_Monckton](http://www.sourcewatch.org/index.php?title=Christopher_Monckton)

**Activities:** A.Santer, A.Oreskes, A.Hockey, Heart#1, NIPCC2008, Heart#2, Heart#3, HeartExp#1, A.GATE

**Organizations:** Heartland, ICSC, SPPI, SciAll (and by in-law, GWPF)

**People:** Ferguson, Lawson, Gould, Douglass, Knox, many others

SPPI appears to be his local USA branch, starting with 2007 attack on Naomi Oreskes [MAS2008], but he speaks worldwide. His sister Rosa is married to **Lawson's** son Dominic. **McKittrick** writes approvingly of **Monckton's** efforts. [www.realclimate.org/wiki/index.php?title=Christopher\\_Monckton](http://www.realclimate.org/wiki/index.php?title=Christopher_Monckton)

**Montford, Andrew (UK) (B1c/O9, dedicated blogger)**

[bishophill.squarespace.com](http://bishophill.squarespace.com)

**Activities:** A.Hockey, A.GATE, A.CRU.Parl

[www.stacey-international.co.uk/v1/site/product\\_rpt.asp?Catid=329&catname=](http://www.stacey-international.co.uk/v1/site/product_rpt.asp?Catid=329&catname=)

The Hockey Stick Illusion – Climategate and the Corruption of Science

“**Andrew Montford** - The author studied chemistry at St Andrews University. He is a respected blogger at [Bishop Hill](http://Bishop Hill) where his layperson's explanations of the Hockey Stick debate have won wide acclaim. He lives in rural Scotland with his wife and three children.”

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3602.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3602.htm)

“The author, Andrew W Montford, BSc, CA, works in scientific publishing and is the author of *The Hockey Stick Illusion*, a book about some of the events leading up to the Climategate affair. [1] He is the author of *Bishop Hill*, one of the main websites for global warming sceptics in the UK. [2]”

**Moore, John H.**

President, Grove City College

[www.gcc.edu/](http://www.gcc.edu/)

[en.wikipedia.org/wiki/Grove\\_City\\_College](http://en.wikipedia.org/wiki/Grove_City_College)

**Activities:** SIPP1993

**Organizations:** Chairman of Board (~2004) ACSH, (Board) GMI, GMU

**People:** GMI people, Singer

Grove City gets funding from some familiar foundations, and has close ties to think tanks.

[mediamattersaction.org/transparency/organization/Grove\\_City\\_College/funders](http://mediamattersaction.org/transparency/organization/Grove_City_College/funders)

He was director of GMU's International Institute, which organized with **Singer**.

[www.sepp.org/Archive/conferences/conferences.html](http://www.sepp.org/Archive/conferences/conferences.html)

**Morano, Marc**

[www.climatedepot.com/](http://www.climatedepot.com/)

[www.sourcewatch.org/index.php?title=Marc\\_Morano](http://www.sourcewatch.org/index.php?title=Marc_Morano) Rush Limbaugh, “Swift Boat”

[www.desmogblog.com/marc-morano](http://www.desmogblog.com/marc-morano)

[www.legistorm.com/person/Marc\\_P\\_Morano/25608.html](http://www.legistorm.com/person/Marc_P_Morano/25608.html)

Was Communications Director for **Inhofe** 06/14/06-03/17/09, hired shortly before **WR**. He wrote the EPW blog/website, which generated masses of material, used as a frequent source of memes.

**Activities:** A.Oreskes, A.HOCKX(?), A.Hockey, Heart#1, Heart#2, HeartExp#1, HeartExp#2, A.GATE

**Organizations:** CFACT ([www.climatedepot.com](http://www.climatedepot.com))

**People:** Rush Limbaugh; **Inhofe**, many

*In Figure 2.1, the box “Hack” might apply.*

*Morano has often generated lists of “dissenting scientists”, but I have avoided using them, as they were usually compiled from other lists, and have sometimes included people who were surprised to be listed.*

The Center for Inquiry offered a detailed analysis of Morano's “650 list” 07/19/10:

[http://www.centerforinquiry.net/opp/news/senate\\_minority\\_report\\_on\\_global\\_warming\\_not\\_credible](http://www.centerforinquiry.net/opp/news/senate_minority_report_on_global_warming_not_credible)

[http://www.centerforinquiry.net/uploads/attachments/credibility\\_\\_brochure.pdf](http://www.centerforinquiry.net/uploads/attachments/credibility__brochure.pdf) the quick summary

**Mosher, Stephen**

Has assisted **McIntyre**.

**Activities:** A.GATE, A.CRU.Parl, A.Hockey

**People:** McIntyre, Fuller

[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3302.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3302.htm)

"I am a resident of the United States. My interests in this matter are as follows. I am a published author of the first book that covered the email release from the University of East Anglia. That is currently my only source of income. I have been unemployed since June of 2009. Since 2007 I have been involved in the climate debate on the web. I have received no funding or financial support in any way from any person or organization for my activities these past 3 years. I volunteer my insights and analysis free of charge."

**Moya, Susan**

Was copied on **Walker GCSCT** memo, *so probably was API staff*.

**Activities:** A.HOCKX(?)

**Neal, Larry**

[www.legistorm.com/person/Lawrence\\_A\\_Neal/19138.html](http://www.legistorm.com/person/Lawrence_A_Neal/19138.html)

**Activities:** A.HOCKX, US.CONG

**Organizations:** US House of Representatives

**People:** Barton

Was deputy staff director for Energy&Commerce Committee, i.e., **Barton**. [REG2006] says:

"Larry Neal, deputy staff director for Mr. Barton's committee, said in a statement that because "combating climate change is a breathtakingly expensive prospect," it deserved closer study, and that the academy was "unlikely" to address all of Mr. **Barton's** concerns."

*It is interesting to see NAS dismissed in advance, in favor of having Coffey ask Wegman.*

**Nichols, Rodney W.**

President and CEO, New York Academy of Sciences (1992-2001)

Vice President and Executive Vice President, The Rockefeller University (1970-1990)

Secretary of Defense Medal for Distinguished Meritorious Civilian Service (1970)

Fellow AAAS, New York Academy of Sciences

**Activities:** OISM1998, HOCKXX(?)

**Organizations:** , ACSH, (Board) GMI, (Trustee) Manhattan

**People:** Worked with , wrote at least one report with Seitz (Google Books); Jastrow, Nierenberg.  
(via ACSH): Enstrom, Singer.

**Fields:** defense

**Locations:** NY

**Notes:** Harvard Applied Physics AB (?)

1959-1966 manager @ Melpar (government contractor; missile nosecones)?;

[tobaccodocuments.org/pm/2025028083-8086.html](http://tobaccodocuments.org/pm/2025028083-8086.html) Bio from Tobacco Archives

[www.acsh.org/about/pageID.101/default.asp](http://www.acsh.org/about/pageID.101/default.asp) ACSH Bio

[www.marshall.org/experts.php?id=157](http://www.marshall.org/experts.php?id=157)

[www.crdf.org/profiles/profiles\\_show.htm?doc\\_id=604594](http://www.crdf.org/profiles/profiles_show.htm?doc_id=604594)

[www.cfr.org/project/222/study\\_group\\_on\\_global\\_warming\\_technology\\_policy\\_for\\_the\\_united\\_states.html](http://www.cfr.org/project/222/study_group_on_global_warming_technology_policy_for_the_united_states.html)

[www.manhattan-institute.org/html/trustees.htm](http://www.manhattan-institute.org/html/trustees.htm)

[www.acsh.org/about/pageID.7/default.asp](http://www.acsh.org/about/pageID.7/default.asp)

**Contrib:** D95-97, R07; R:\$500, D:\$500

[www.newsmeat.com/fec/bystate\\_detail.php?st=NY&last=nichols&first=rodney](http://www.newsmeat.com/fec/bystate_detail.php?st=NY&last=nichols&first=rodney)

**Nierenberg, William 1919-2000**

**Activities:** GMI1990, Leipzig

**Organizations: , GMI, SEPP****People:****Fields:** Nuclear; oceanography**Locations:** NY; CA-San Diego; many**Employers:** DoD (Manhattan Project); UC Berkeley; Scripps; NATO;**Connections:** GMI; Agnew; Advisory board of EPRI (Starr). Berkowitz? (by geographic proximity)**Notes:** Like other 2 GMI founders, scientist with strong reputation and influence.[en.wikipedia.org/wiki/William\\_Nierenberg](http://en.wikipedia.org/wiki/William_Nierenberg)[www.sourcewatch.org/index.php?title=William\\_A.\\_Nierenberg](http://www.sourcewatch.org/index.php?title=William_A._Nierenberg)[caliber.ucpress.net/doi/abs/10.1525/hsns.2008.38.1.109?journalCode=hsns](http://caliber.ucpress.net/doi/abs/10.1525/hsns.2008.38.1.109?journalCode=hsns)[www.nndb.com/people/326/000137912/](http://www.nndb.com/people/326/000137912/)

Chaired JASON report ~1983, a controversial report:

[www.timesonline.co.uk/tol/news/environment/article4690900.ece](http://www.timesonline.co.uk/tol/news/environment/article4690900.ece)**Contrib:** R96; R:\$250[www.newsmeat.com/fec/bystate\\_detail.php?st=CA&last=nierenberg&first=william](http://www.newsmeat.com/fec/bystate_detail.php?st=CA&last=nierenberg&first=william)**Nikolich, Milan (Mitch)**

Director GMI, very recent, current

**Organizations: GMI****People: GMI Board**[www.marshall.org/experts.php?id=202](http://www.marshall.org/experts.php?id=202)

“For over two decades Mitch Nikolich has been a recognized figure in matters at the nexus of technology, policy and national security. He helped to initiate a number of programs within the Strategic Defense Initiative as well as early deployment options advocated by the Chief of Staff of the Air Force and the stand-up of the Department of Defense’s Counterproliferation program. More recently, he played key roles in the strategic arms control decisions of the 1990s notably the ABM treaty, START II and START III including participation in formal talks with the Russian Federation and the 2001 Nuclear Posture Review.”

He is a recent GMI Board member, obviously from the defense side, not the climate anti-science side.

**Contrib:** R92,96; R:\$900[www.newsmeat.com/fec/bystate\\_detail.php?city=VIENNA&st=VA&last=nikolich](http://www.newsmeat.com/fec/bystate_detail.php?city=VIENNA&st=VA&last=nikolich)**Nova, Joanne (Australia) (B1b)**

Although lacking obvious expertise, she is very vocal about climate science, and produces professional-looking documentation that repeats many common incorrect memes.

[joannenova.com.au](http://joannenova.com.au)[joannenova.com.au/global-warming](http://joannenova.com.au/global-warming)

“A freelance science presenter & writer, professional speaker and former TV host; author of The Skeptics Handbook (over 200,000 copies distributed & available in ten languages).”

*She publishes nicely-illustrated climate anti-science, for worldwide consumption. Who pays for all this?***Activities: A.Hockey, Heart#2, HeartExp#1****Organizations: SPPI****People:** David Evans (her husband), various through Heartland[www.desmogblog.com/who-is-rocket-scientist-david-evans](http://www.desmogblog.com/who-is-rocket-scientist-david-evans)[joannenova.com.au/2009/11/the-consensus-is-fake](http://joannenova.com.au/2009/11/the-consensus-is-fake)[joannenova.com.au/2010/01/finally-the-new-revised-and-edited-climategate-timeline](http://joannenova.com.au/2010/01/finally-the-new-revised-and-edited-climategate-timeline)[joannenova.com.au/2010/01/deltoid-creates-some-sci-comm-pollution/](http://joannenova.com.au/2010/01/deltoid-creates-some-sci-comm-pollution/)[joannenova.com.au/2010/01/horrifying-examples-of-deliberate-tampering/](http://joannenova.com.au/2010/01/horrifying-examples-of-deliberate-tampering/)[joannenova.com.au/2010/01/the-four-gates-of-the-ipcc/](http://joannenova.com.au/2010/01/the-four-gates-of-the-ipcc/)[joannenova.com.au/2010/01/monckton-replies-to-prof-andy-pitman/](http://joannenova.com.au/2010/01/monckton-replies-to-prof-andy-pitman/)[joannenova.com.au/2010/02/falling-public-opinion-picks-up-momentum/](http://joannenova.com.au/2010/02/falling-public-opinion-picks-up-momentum/)

**O'Brien, James J.**

[coaps.fsu.edu/people/obrien.shtml](http://coaps.fsu.edu/people/obrien.shtml)

[www.exxonsecrets.org/html/personfactsheet.php?id=1133](http://www.exxonsecrets.org/html/personfactsheet.php?id=1133)

[www.sourcewatch.org/index.php?title=George\\_C.\\_Marshall\\_Institute](http://www.sourcewatch.org/index.php?title=George_C._Marshall_Institute) O'Brien spoke there.

**Activities:** BALI2007, Heart#1, Heart#2, HeartExp#1, HeartExp#2

**Organizations:** Fraser, GMI, ICECAP, SPPI, TCS

**People:** P.Spencer; many

He was also involved in 07/25/2002 House hearing [DEE2010e]:

[republicans.energycommerce.house.gov/107/hearings/07252002Hearing676/print.htm](http://republicans.energycommerce.house.gov/107/hearings/07252002Hearing676/print.htm)

The 5 testifiers included **Michaels**, Pielke, and **O'Brien**.

**O'Keefe, William**

He has been Managing Director/President/CEO of **GMI** since ~04/05/01. Before that, he was a 25+year veteran of **API** (the American Petroleum Institute) and was a registered lobbyist for **ExxonMobil**.

[www.exxonsecrets.org/html/personfactsheet.php?id=289](http://www.exxonsecrets.org/html/personfactsheet.php?id=289)

[www.exxonsecrets.org/wiki/index.php/Deniers:\\_William\\_O%E2%80%99Keefe](http://www.exxonsecrets.org/wiki/index.php/Deniers:_William_O%E2%80%99Keefe)

[www.opensecrets.org/lobby/lobbyist.php?lname=O%27Keefe%2C+William+F&id=Y00000185540&year=2005](http://www.opensecrets.org/lobby/lobbyist.php?lname=O%27Keefe%2C+William+F&id=Y00000185540&year=2005)

**Activities:** GMI2002, GMI2003, A.Oreskes, GMI2005, A.HOCKX, A.Hockey, A.GATE

**Organizations:** API, CEI, GCC, GMI

**People:** many

[www.marshall.org/experts.php?id=83](http://www.marshall.org/experts.php?id=83)

"William O'Keefe, Chief Executive Officer of the Marshall Institute, is President of Solutions Consulting, Inc. He has also served as Senior Vice President of Jellinek, Schwartz and Connolly, Inc., Executive Vice President and Chief Operating Officer of the American Petroleum Institute (API) and Chief Administrative Officer of the Center for Naval Analyses.

Mr. O'Keefe has held positions on the Board of Directors of the Kennedy Institute, the U.S. Energy Association and the Competitive Enterprise Institute (CEI) and is Chairman Emeritus of the Global Climate Coalition. (GCC)" Chronology from **API** places him there from 1974-2000:

[web.archive.org/web/\\*/www.api.org](http://web.archive.org/web/*/www.api.org)

[web.archive.org/web/20000621034331/www.api.org/about/management.htm](http://web.archive.org/web/20000621034331/www.api.org/about/management.htm) 08/15/00, gone by 08/18/00

Jellinek Schwartz & Connolly by 12/06/00 (NewsMeat), through end of 2001.

[www.manta.com/coms2/dnbcompany\\_fv35d8](http://www.manta.com/coms2/dnbcompany_fv35d8)

[legacy.library.ucsf.edu/tid/klc81f00/pdf;jsessionid=1DD02EC838180797E342C559E8C75E3B](http://legacy.library.ucsf.edu/tid/klc81f00/pdf;jsessionid=1DD02EC838180797E342C559E8C75E3B)

[legacy.library.ucsf.edu/action/search/basic?fd=0&q=Jellinek+Schwartz+%26+Connolly](http://legacy.library.ucsf.edu/action/search/basic?fd=0&q=Jellinek+Schwartz+%26+Connolly)

*This company consulted mostly on pesticides, was often looking for money from tobacco companies, but that seems to have been before **O'Keefe's** short time there.*

**Contrib:** R'91-'0, McCain '08, \$23,375 that I could find

1991-1999 Washington, DC

[www.newsmeat.com/fec/bystate\\_detail.php?city=WASHINGTON&st=DC&last=o%27keefe&first=william](http://www.newsmeat.com/fec/bystate_detail.php?city=WASHINGTON&st=DC&last=o%27keefe&first=william)

1994-2000 McClean

[www.newsmeat.com/fec/bystate\\_detail.php?city=MCLEAN&st=VA&last=o%27keefe&first=william](http://www.newsmeat.com/fec/bystate_detail.php?city=MCLEAN&st=VA&last=o%27keefe&first=william)

1997-2000 Mc Clean

[www.newsmeat.com/fec/bystate\\_detail.php?city=MC+LEAN&st=VA&last=o%27keefe&first=william](http://www.newsmeat.com/fec/bystate_detail.php?city=MC+LEAN&st=VA&last=o%27keefe&first=william)

2000-2005 Vienna

[www.newsmeat.com/fec/bystate\\_detail.php?city=Vienna&st=VA&last=o%27keefe&first=william](http://www.newsmeat.com/fec/bystate_detail.php?city=Vienna&st=VA&last=o%27keefe&first=william)

2006-2008 Providence Forge

[www.newsmeat.com/fec/bystate\\_detail.php?city=Providence+Forge&st=VA&last=o%27keefe&first=william](http://www.newsmeat.com/fec/bystate_detail.php?city=Providence+Forge&st=VA&last=o%27keefe&first=william)

Although no climate scientist, he has written often and confidently, often co-authored with **Kueter**:

["Cap-and-Trade Would Make the American Dream a Nightmare,"](#) William O'Keefe, August 18, 2009

["Assessing the American Clean Energy & Security Act - Slides of William O'Keefe,"](#) William O'Keefe, June 3, 2009

["Cap and Trade is a License to Cheat and Steal,"](#) William O'Keefe, May 19, 2009

["Next Bernie Madoff? Emissions Cap-and-Trade Aids the Corrupt, Hurts the Little Guy,"](#) William O'Keefe, April 13, 2009

["Time for a Fresh Debate Over America's Climate Policy,"](#) William O'Keefe, February 3, 2009

["Climate Policy: Focusing the Debate,"](#) William O'Keefe, February 1, 2009

["The Future of Climate Policy: Reality versus Lessons Not Learned,"](#) William O'Keefe, December 1, 2008

["The Myth of Vanishing CO2 Emissions,"](#) William O'Keefe and Jeff Kueter, June 1, 2008

["Where Will the Bali Roadmap Lead?,"](#) William O'Keefe and Jeff Kueter, December 1, 2007

["Caps, Taxes and Technology - How Do We Respond to Climate Change,"](#) William O'Keefe and Jeff Kueter, November 1, 2007

["Assessing the Supreme Court's CO2 Ruling,"](#) William O'Keefe, May 1, 2007

["Statement on the IPCC Fourth Assessment Summary for Policy Makers \(SPM\),"](#) William O'Keefe and Jeff Kueter, February 2, 2007

["Clean Air Theater,"](#) William O'Keefe, December 3, 2006

["The Illusion of U.S. Energy Independence: An Assessment of the Current State of Energy Use,"](#) William O'Keefe and Jeff Kueter, December 1, 2006

["Reply to Matthew Quayle, Executive Producer of Squawk Box, on CNBC Presentation,"](#) William O'Keefe, November 2, 2006

["Response to the Royal Society's Letter,"](#) William O'Keefe and Jeff Kueter, September 22, 2006

["Climate Zealotry Produces Bad Policy: Observations on Al Gore's New York University Speech,"](#) William O'Keefe, September 1, 2006

["Group Think Masquerading as Consensus,"](#) William O'Keefe, September 1, 2006

["Self-sufficiency' vs. economic reality,"](#) William O'Keefe, February 3, 2006

["William O'Keefe Responds to Senator Bingaman's Support of a Mandatory Program,"](#) William O'Keefe, December 6, 2005

["Evaluating the Bush Environmental Record,"](#) William O'Keefe, September 30, 2005

["Climate Policy: A Reality Check,"](#) William O'Keefe, September 30, 2005

["General Rent Seeker,"](#) William O'Keefe, May 26, 2005

["Climate Change and National Security,"](#) William O'Keefe, *Remarks given at the World Affairs Council's conference on Climate Change & National Security*, May 3, 2005

["The True Costs of the Climate Stewardship Act,"](#) William O'Keefe, September 1, 2004

["Climate Sensitivity - Still a SWAG,"](#) William O'Keefe and Jeff Kueter, September 1, 2004

["The Challenge of Making Climate Science Relevant,"](#) William O'Keefe, June 3, 2004

["Politics and Science: Is Science Politicized?,"](#) William O'Keefe and Jeff Kueter, May 1, 2004

["Climate Models: A Primer,"](#) William O'Keefe and Jeff Kueter, May 1, 2004

["Who is Politicizing Science? Understanding the Interactions and Interests in Science and Politics,"](#) Adam Kieper, Dr. Michael Gough, Steven Hayward, Robert Walker and William O'Keefe, March 24, 2004

["Climate debate isn't about action, it's about knowledge,"](#) William O'Keefe, January 6, 2004

["Climate Change Skepticism: A Virtue or Vice?,"](#) William O'Keefe, October 1, 2003

["Climate Policy and Energy Use and Objective Realities,"](#) William O'Keefe, June 1, 2003

["Cap and Trade: The Moral Equivalent of Bamboozle,"](#) William O'Keefe, March 1, 2003

["Automobile Fuel Cells - Potential and Challenges,"](#) William O'Keefe, February 11, 2003

["Remarks Before the Final Plenary Session of the U.S. Climate Change Program's Planning Workshop for Scientists and Stakeholders,"](#) William O'Keefe, December 5, 2002

["Remarks Before the Resource Management Decision Support Panel of the U.S. Climate Change Science Program's Planning Workshop for Scientists and Stakeholders,"](#) William O'Keefe, December 4, 2002

["A Global Climate and Energy Project - Big Ambitions at Stanford,"](#) William O'Keefe, December 2, 2002

"Putting Climate Science and Kyoto in Perspective," William O'Keefe, October 8, 2002

"Candor about Kyoto," William O'Keefe, June 1, 2001

"Climate Change: A Political Assessment," William O'Keefe, June 13, 2000

"Open Letter to Matthew Quayle, Executive Producer of Squawk Box on CNBC Presentation "Fire and Ice", " William O'Keefe

"A Bad Bill For Cap-And-Trade," William O'Keefe

### **Paoletta, Mark R.**

[en.wikipedia.org/wiki/Mark\\_Paoletta](http://en.wikipedia.org/wiki/Mark_Paoletta) *Must-read.*

[www.legistorm.com/person/Mark\\_A\\_Paoletta/19143.html](http://www.legistorm.com/person/Mark_A_Paoletta/19143.html)

**Activities:** A.HOCKX, US.CONG

**Organizations:** US House of Representatives, WLF

**People:** Whitfield

He was staffer for House Energy and Commerce Committee, Chief Counsel-Oversight and Investigations, 4Q00-01/02/07, i.e., until House shifted majority from Democratic to Republican. He would have worked for **Whitfield**. He then joined Dickstein Shapiro LLP:

[www.dicksteinshapiro.com/paolettam](http://www.dicksteinshapiro.com/paolettam)

[SAI2007] p.26 shows picture of him with **P.Spencer**, **Said**, and (I think) **Wegman**.

[www.dicksteinshapiro.com/people/detail.aspx?attorney=dfe6e9c4-3136-496c-8869-425e1e63a059&view=events](http://www.dicksteinshapiro.com/people/detail.aspx?attorney=dfe6e9c4-3136-496c-8869-425e1e63a059&view=events) : has spoken for **WLF** (Washington Legal Foundation) Web Seminar Series.

### **Peiser, Benny (UK)**

Social anthropologist, Liverpool John Moores University, has long produced newsletter CCnet.

[www.staff.livjm.ac.uk/spsbpeis](http://www.staff.livjm.ac.uk/spsbpeis) Of the 14 publications listed there, 5 were published in **E&E**, 4 are on various areas of sports science, 5 are about Earth-asteroid collisions or other catastrophes.

[www.staff.livjm.ac.uk/spsbpeis/CCNet-homepage.htm](http://www.staff.livjm.ac.uk/spsbpeis/CCNet-homepage.htm)

[www.logicalsience.com/skeptics/BPeiser.html](http://www.logicalsience.com/skeptics/BPeiser.html)

[en.wikipedia.org/wiki/Benny\\_Peiser](http://en.wikipedia.org/wiki/Benny_Peiser)

[www.sourcewatch.org/index.php?title=Benny\\_Peiser](http://www.sourcewatch.org/index.php?title=Benny_Peiser)

[www.desmogblog.com/benny\\_peiser](http://www.desmogblog.com/benny_peiser)

[www.logicalsience.com/skeptics/BPeiser.html](http://www.logicalsience.com/skeptics/BPeiser.html)[www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3802.htm](http://www.publications.parliament.uk/pa/cm200910/cmselect/cmsctech/memo/climatedata/uc3802.htm)

**Activities:** A.Oreskes, Heart#1, Heart#2, HeartExp#1, Helmer2009, A.GATE, A.CRU.Parl

**Organizations:** (Co-editor) **E&E**, (Director) **GWPF**, **Heartland**, **TCS**, **SciAll**

**People:** **Boehmer-Christensen**, **Lawson**, many.

**Peiser** has joined **Boehmer-Christensen** as co-editor of **E&E**, where he has long been on the Editorial Board., but often published articles there as well.

### **Perhach, William**

He worked in the GW Bush White House, legal assistant on Council on Environmental Quality.

**Activities:** A.HOCKX. US.CONG. He has gotten interesting emails from **Ebell** and others, **A.9**.

**Organizations:** **GWBush White House**

**People:** **Ebell**, many

[www.democraticunderground.com/discuss/duboard.php?az=view\\_all&address=389x1238805](http://www.democraticunderground.com/discuss/duboard.php?az=view_all&address=389x1238805)

"COUNCIL ON ENVIRONMENTAL QUALITY...

Chair.--James Connaughton.

Chief of Staff.--Phil **Cooney**.

Special Assistant to the Chair.--Khary Cauthen.

Deputy Director for Communications.--William Holbrook.

Associate Director for--

Agriculture and Public Lands.--David Anderson.

Congressional Affairs.--Heather Pearce.  
 Energy and Transportation.--Bryan Hannegan.  
 Environmental Policy.--Kameron Onley.  
 Global Environmental Affairs.--Kenneth Peel.  
 Natural Resources.--William Leary.  
 NEPA Oversight.--Horst Greczmiel.  
 Toxics and Environmental Protection.--Elizabeth Stolpe.  
 General Counsel.--Dinah Bear.  
 Deputy General Counsel.--Edward Boling.  
 Legal Assistant.--William (Bill) **Perhach**.  
 Administrative Officer.--Angela Stewart.  
 Secretaries: Quesean Rice, Essence Washington.  
 Records Clerk.--Shaffers Rawlings.”

### **Posmentier, Eric S.**

Adjunct Faculty, Dartmouth

[www.dartmouth.edu/~earthsci/People/posmentier.html](http://www.dartmouth.edu/~earthsci/People/posmentier.html)

[www.marshall.org/experts.php?id=53](http://www.marshall.org/experts.php?id=53) GMI Expert.

[www.globalwarmingheartland.org/profile.html?profile=103674B02804DCC2C0390DBD67B7B22C&directory=3B532E2483EE9165FD810C4DF38DBAEA](http://www.globalwarmingheartland.org/profile.html?profile=103674B02804DCC2C0390DBD67B7B22C&directory=3B532E2483EE9165FD810C4DF38DBAEA)

**Activities:** HeartExp#1, HeartExp#2

**Organizations:** GMI, Heartland.

**People:** Baliunas, S.Idso, Michaels (chapter for [MIC2005]), Soon.

### **Randol, Arthur G. “Randy”**

[www.sourcewatch.org/index.php?title=Arthur\\_G.\\_Randol\\_III](http://www.sourcewatch.org/index.php?title=Arthur_G._Randol_III)

[www.nrdc.org/media/docs/020403.pdf](http://www.nrdc.org/media/docs/020403.pdf)

**Activities:** GCSCT; HOCKXX(?), US.CONG

**Organizations:** ExxonMobil

**People:** many

**Christy** and **Lindzen** were **Randol**’s suggestions to replace Bierbaum and MacCracken (IPCC).

[www.nrdc.org/media/docs/020403.pdf](http://www.nrdc.org/media/docs/020403.pdf) p.5.

He also lobbied to replace IPCC head Watson (with Pachauri.) See **A.9.3** for email reference.

*Some of the same forces who got Watson removed are now attacking Pachauri as part of A.GATE.*

### **Rapp, Donald**

*Viterbi School of Engineering, U of Southern California (as 4Q09, I am not sure if that is still true)*

Chief Technologist, Mechanical and Chemical Systems,

Jet Propulsion Laboratory (retired)

Professor of Physics and Environmental Engineering, University of Texas (1973-1979)

Author, "Assessing Climate Change" and "Ice Ages and Interglacials" (Springer-Verlag)

Fellow APS

**Activities:** APS2009. A.Hockey; several books

**Fields:** Space; defense; energy; petroleum (one 1975 publication on peak oil)

**Locations:** CA-SF Bay Area; TX; CA-Los Angeles

**Employers:** Lockheed; U of TX; JPL; USC

**Notes:** Cooper Union ChemEng BS 1955; MS ChemEng 1956; UC Berkeley Chemical Physics PhD 1960

Lockheed Palo Alto 1959-1965; Polytechnic Inst of NY 1965-1973; U of TX-Dallas 1969-1981 (on leave

1979-1981 @ JPL); JPL 1979-2002 (then retired); JPL consultant 2003-2009

Current: Research professor, Viterbi School of Engineering U of Southern CA

[www.informaworld.com/smpp/942440378-851443/title~db=all-content=g777655045](http://www.informaworld.com/smpp/942440378-851443/title~db=all-content=g777655045)

[home.earthlink.net/~drdrapp](http://home.earthlink.net/~drdrapp)

“I have surveyed the wide field of global climate change energy and I am familiar with the entire literature of climatology.”

He has written a (very expensive) climate anti-science book:

[books.google.com/books?id=GOIV9MzyFHQC&printsec=frontcover&dq=assessing+climate+change+rapp&lr=&ei=2giBSs6qJYPKkQS31b2WCg#v=onepage&q=&f=false](http://books.google.com/books?id=GOIV9MzyFHQC&printsec=frontcover&dq=assessing+climate+change+rapp&lr=&ei=2giBSs6qJYPKkQS31b2WCg#v=onepage&q=&f=false)

It begins:

“Global-warming alarmists believe that human production of greenhouse gases, particularly carbon dioxide, with its concomitant water vapor feedback mechanism, has begun to add to the natural greenhouse effect, thereby raising global temperatures inordinately during the 20<sup>th</sup> century, with predictions of further increases in the 21<sup>st</sup> century that could be catastrophic.

Dr. James E. Hansen, perhaps the most respected spokesman for the alarmists, said...

...Al Gore's film....has spawned a growing world movement that is seeking controls on greenhouse gas emissions. Because such controls would have serious economic consequences...”

Page xiv says:

“We have emerged from the Little Ice Age in the latter half of the 19<sup>th</sup> century and the Earth has warmed, but the connection to greenhouse gases remains unclear.”

Google Books gave a table of contents and selections, enough to recognize sources and emphasis.

He references (poor) papers by **Soon** and **Baliunas** (2003). For a compendium of refutations:, see: [www.realclimate.org/index.php/archives/2004/12/myths-vs-fact-regarding-the-hockey-stick](http://www.realclimate.org/index.php/archives/2004/12/myths-vs-fact-regarding-the-hockey-stick)

DC discovered evidence that the **WR** had plagiarized Bradley [BRA1999], and **Rapp** had further plagiarized the **WR**. Starting with Bradley (a top expert), each step got extra modifications and caveats that seemed to weaken the evidence.

[deepclimate.org/2009/12/17/wegman-report-revisited](http://deepclimate.org/2009/12/17/wegman-report-revisited) [DEE2009]

[deepclimate.org/2009/12/22/wegman-and-rapp-on-tree-rings-a-divergence-problem-part-1](http://deepclimate.org/2009/12/22/wegman-and-rapp-on-tree-rings-a-divergence-problem-part-1) [DEE2009a]

[deepclimate.org/2010/01/06/wegman-and-rapp-on-proxies-a-divergence-problem-part-2](http://deepclimate.org/2010/01/06/wegman-and-rapp-on-proxies-a-divergence-problem-part-2) [DEE2010]

**Rapp** used papers by (astrophysicists) **Soon** and **Baliunas** to weaken (expert) Bradley's conclusions, and provided a nice example of the common use of “grey literature.”

[deepclimate.org/2010/01/07/donald-rapp-more-divergence-problems](http://deepclimate.org/2010/01/07/donald-rapp-more-divergence-problems) [DEE2010b]

According to Amazon, A Second Edition was to be available 01/01/10, but as of 03/11/10, it was not there, nor mentioned at [www.springerlink.com](http://www.springerlink.com).

The USC astronautics department was seeking funding for climate research:

[astronautics.usc.edu/research/climatechange.htm](http://astronautics.usc.edu/research/climatechange.htm)

(Page labeled March 16, 2008. It was in Google Cache 01/03/10, but had been removed by 03/11/10.)

“At the cutting edge of this new science is climate system dynamics in which observations are coupled with computer models that simulate the complex behavior of the ocean, land and atmospheric systems on various time scales. Consequently, advanced cyber infrastructures are an essential element of these evolving inter-disciplinary endeavors. This new science also requires new organizational structures that bring scientists from multiple disciplinary backgrounds and engineers together to work interactively and collaboratively. Traditional oceanographic or atmospheric programs are not necessarily well-equipped for such a challenge...

Two members of the CCRG are directly involved in national and international “climate change research” activities. These two are Dr. Donald **Rapp** of the Space Engineering Research Center (former Chief Technologist of JPL, and the author of the books “Solar Energy” and “Assessment of Global Warming”)...

From this, it seems that climate science research would be done by an astronautics group 3 of whose leaders reject mainstream climate science.

There is no evidence connecting **Rapp** directly with the **Wegman** effort, but [MAS2009] showed other potential connections with active climate anti-science people. The book was published by **Springer**, which has recently published other *climate anti-science books*, generally via consulting editor John **Mason**:

Loker Hydrocarbon Research Institute offered:

[www.usc.edu/dept/chemistry/loker/events.html](http://www.usc.edu/dept/chemistry/loker/events.html)

2/26/2010: Annual Carl M. Franklin Lecture:

Energy and Climate Change

Dr. Donald Rapp, Senior Research Scientist Emeritus, Jet Propulsion Laboratory

Creation and propagation of anti-science memes, often use PhDs who have done little or no climate research, in some cases to create authoritative-sounding books that incorporate much “grey literature” of dubious quality, as this did.

### **Regalado, Antonio**

WSJ Reporter

**Activities:** A.HOCKX, A.Hockey

**Organizations:** WSJ

**People:** M&M (*connections with GMI, Inhofe, perhaps? Unknown.*)

Wrote unusual 02/14/05 front-page article “‘In Climate Debate, The ‘Hockey Stick’ leads to a Face-Off’, bringing McIntyre to prominence. [REG2005] This was a very strange article in many ways:

[www.heatisonline.org/contentserver/objecthandlers/index.cfm?ID=5492&Method=Full&PageCall=&Title=Dissecting%20the%20Wall%20Street%20Journal%27s%20Mannhunt&Cache=False](http://www.heatisonline.org/contentserver/objecthandlers/index.cfm?ID=5492&Method=Full&PageCall=&Title=Dissecting%20the%20Wall%20Street%20Journal%27s%20Mannhunt&Cache=False)

[sharpgary.org/RegaladoWSJ.html](http://sharpgary.org/RegaladoWSJ.html) OR [www.sepp.org/Archive/weekwas/2005/Feb.%2019.htm](http://www.sepp.org/Archive/weekwas/2005/Feb.%2019.htm)

“From the outset, the graph was a target of numerous lobbyists and skeptics. When Mr. McIntyre became interested in it, he quickly teamed up with Ross McKittrick, an economist at Canada's University of Guelph who'd written a book questioning global warming. (The two met on an Internet chat group for climate skeptics.) In October 2003, *Energy & Environment*, a British social-science journal known for contrarian views, published an initial critique by the pair.”

“The two were invited to Washington as a vote neared on a bill to cap fossil-fuel emissions. They met with Sen. James Inhofe, who heads the environment committee and has called the threat of catastrophic global warming the “greatest hoax ever perpetrated on the American people.” The Oklahoma Republican relied on doubts raised by a variety of skeptics in leading successful opposition to the bill in 2003. Mr. McKittrick says he was paid \$1,000 by the Competitive Enterprise Institute, a free-market research and lobbying group, and had his travel costs picked up by another lobby group. Mr. McIntyre, who briefed lobbyists with the National Association of Manufacturers, says he has taken no payment.”

That last statement should be compared to: [www.marshall.org/pdf/materials/188.pdf](http://www.marshall.org/pdf/materials/188.pdf), 11/18/03:

“*McIntyre*: Thank you very much for coming. My name is Steve McIntyre. I'd like to express my appreciation to Marshall Institute and CEI for paying my expenses down here.”

GMI had paid for McIntyre's way in 2003, made M&M “experts” by early 2004, and was hosting M&M a few days before this article appeared, but never got mentioned by **Regalado**.

*It might be interesting to know how Regalado came to write this, and how his article got the #1 position on the WSJ front page, then was followed by an Editorial shortly thereafter.*

A year later, he wrote [REG2006], which is also worth studying. I have read many carefully-written news articles in the **WSJ**, have interacted with a few reporters, and have generally respected them highly.

*Is this objective reporting, or good way to keep public in doubt?*

“Larry Neal, deputy staff director for Mr. Barton's committee, said in a statement that because “combating climate change is a breathtakingly expensive prospect,” it deserved closer study, and that the academy was “unlikely” to address all of Mr. Barton's concerns.”

*It is interesting to see the NAS dismissed in advance. Could anyone have addressed all the concerns?*

**Reeves, Denise**

MITRE Corporation.

**Activities:** thanked for help on **WR**, so **A.HOCKX**

**Organizations:**

**People:** Wegman

She was PhD student of **Wegman**'s, finished in 2009:

[volgenau.gmu.edu/graduates/graduate\\_news.php?start\\_from=10&ucat=&archive=&subaction=&id=&am](http://volgenau.gmu.edu/graduates/graduate_news.php?start_from=10&ucat=&archive=&subaction=&id=&am)  
p

"Tuesday May 19, 2009...Ph.D. in IT Final Defense Denise ...

Dissertation Director: Prof. Edward Wegman

Title: Properly Specified Functional Mappings and Support Vector Learning Machines"

*What help did she provide?*

**Rigsby, John T., III**

Naval Surface Warfare Center

**Activities:** thanked for help on **WR**, so **A.HOCKX**

**Organizations:**

**People:** Wegman

He was recent MS student of **Wegman**'s, *presumably part-time while at NSWC*.

[www.galaxy.gmu.edu/stats/colloquia/ColloquiaFall2004.html](http://www.galaxy.gmu.edu/stats/colloquia/ColloquiaFall2004.html)

[www.linkedin.com/pub/john-rigsby/6/4b1/917](http://www.linkedin.com/pub/john-rigsby/6/4b1/917) says he was doing MS Statistics @ GMU 2001-2005

Google Scholar: **wegman rigsby** yields

King, **Rigsby**, Bernard, **Wegman** 2004

Said, Wegman, Sharabati, **Rigsby** 2008 (Social networking, might be *related to A.10.1.*)

*What help did he provide?*

**Robinson, Arthur**

[en.wikipedia.org/wiki/Arthur\\_B.\\_Robinson](http://en.wikipedia.org/wiki/Arthur_B._Robinson)

[en.wikipedia.org/wiki/Oregon\\_Institute\\_of\\_Science\\_and\\_Medicine](http://en.wikipedia.org/wiki/Oregon_Institute_of_Science_and_Medicine)

[www.sourcewatch.org/index.php?title=Arthur\\_B.\\_Robinson](http://www.sourcewatch.org/index.php?title=Arthur_B._Robinson)

[www.lewrockwell.com/orig8/robinson1.html](http://www.lewrockwell.com/orig8/robinson1.html)

**Activities:** OISM1998, Heart#2 See OISM1998 for more detail.

**Organizations:** OISM; GMI, Heartland

**People:** Baliunas, Soon, Seitz

Jeff Goodell, [GOO2006], p.194-197, quotes OISM's head Arthur Robinson:

"One of these days, people will start to see global warming for what it is – a thinly disguised scam by corporations, the United Nations, and big environmental groups to reduce the world's population. Speaking as a scientist, I can tell you that most people who tout global warming are liars, and the sooner we recognize that, the better."

He says he believes evolution is "a hypothesis that is yet unproven." The OISM "faculty" has **Robinson**, his 2 sons, and 3 others who live elsewhere.

**Ross, Michelle**

Was copied on **Walker GCSCT** memo, so *probably was API staff*.

**Activities:** A.HOCKX(?)

**Rothbard, David**

[www.sourcewatch.org/index.php?title=David\\_Rothbard](http://www.sourcewatch.org/index.php?title=David_Rothbard)

**Activities:** GCSCT

**Organizations:** CFACT; API

**Said, Yasmin H.**

Johns Hopkins U (listed in Wegman Report), but back at **GMU(?)**, with some unclear history.

**Activities: A.HOCKX, US.CONG****Organizations:****People: Wegman, Scott, P.Spencer, others**

2005 PhD GMU, Wegman was her Dissertation Advisor  
 2006 JHU through 2Q06, then apparently back to GMU, sometime.  
 2007.07.29 GMU (at JSM conference, paper with Bottenbley, Wegman, Ellaham, Anderson)  
 2007.09.07 [SAI2007], discussed in A.11. [Thanks to DC for leading me to this]  
 2008.08.24 Cambridge U + GMU (With Wegman) Summer?  
 2010.02.01 GMU Research Assistant Professor, Computational and Data Sciences (maybe)  
[www.docstoc.com/docs/13732317/Yasmin-H](http://www.docstoc.com/docs/13732317/Yasmin-H) Bio, date unsure, says she was writing a book:  
*Controversies in Global Warming: The Heated Debate (has not yet appeared)*  
[genealogy.math.ndsu.nodak.edu/id.php?id=90582](http://genealogy.math.ndsu.nodak.edu/id.php?id=90582)  
[www.ratemyprofessors.com/ShowRatings.jsp?tid=813357](http://www.ratemyprofessors.com/ShowRatings.jsp?tid=813357)  
[www.ams.jhu.edu/undergraduate\\_programs/2006\\_spring\\_courses.html](http://www.ams.jhu.edu/undergraduate_programs/2006_spring_courses.html)  
[www.amstat.org/meetings/JSM/2007/pdfs/JSM2007ProgramBook.pdf](http://www.amstat.org/meetings/JSM/2007/pdfs/JSM2007ProgramBook.pdf)  
[www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf](http://www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf) [SAI2007]  
[www.galaxy.gmu.edu/stats/colloquia/AbstractsSpring2009/TalkJan22.pdf](http://www.galaxy.gmu.edu/stats/colloquia/AbstractsSpring2009/TalkJan22.pdf)  
[peoplefinder.gmu.edu/index.php?search=said&group=faculty&x=0&y=0](http://peoplefinder.gmu.edu/index.php?search=said&group=faculty&x=0&y=0) Overall GMU directory: yes  
[cds.gmu.edu/node/15](http://cds.gmu.edu/node/15) CDS directory: no  
[scholar.google.com/scholar?q=ej+wegman+yh+sa+id&hl=en&btnG=Search&as\\_sdt=2001&as\\_sdt=on](http://scholar.google.com/scholar?q=ej+wegman+yh+sa+id&hl=en&btnG=Search&as_sdt=2001&as_sdt=on)

Wiley Interscience Reviews: Computational Statistics is a new journal, first issue was Jul/Aug 2009.

Editors-in-Chief are Wegman, Said, Scott (as of 02/17/10). Readers may have to paste links:

[www3.interscience.wiley.com/journal/122458798/issueyear?year=2009](http://www3.interscience.wiley.com/journal/122458798/issueyear?year=2009)

[www3.interscience.wiley.com/journal/122458798/home/EditorialBoard.html?CRETRY=1&SRETRY=0](http://www3.interscience.wiley.com/journal/122458798/home/EditorialBoard.html?CRETRY=1&SRETRY=0)

Edward J. Wegman, Bernard J. Dunn Professor of Data Sciences and Applied Statistics, George Mason University

Yasmin H. Said, Professor, Oklahoma State University, Ruth L. Kirschstein National Fellow, George Mason University this is very strange.

David W. Scott, Noah Harding Professor of Statistics, Rice University

[Thanks to DC] – very strange connection(?) has appeared with Oklahoma State University (??)

[www.okstate.edu/registrar/Catalogs/E-Catalog/2009-2010/Faculty.html](http://www.okstate.edu/registrar/Catalogs/E-Catalog/2009-2010/Faculty.html),

and the associated PDF, created 08/05/09 both list Yasmin H. Said as an Assistant Professor in Statistics.  
[statistics.okstate.edu/people/faculty.htm](http://statistics.okstate.edu/people/faculty.htm) But the OSU Statistics Department does not.

There may have been some period when both Said and OSU thought she was coming there.

In any case, many joint papers are found 2005-2009 via:

Google Scholar: EJ Wegman YH Said

*Ironically, one paper was “Text Mining with Application to Fraud Discovery”*

*What was going on? OSU seems a very unusual choice for Said. It is difficult to think of any connection except possibly Inhofe, but he is more involved with U of Oklahoma.*

*Can OSU Statistics say more? Why was she listed?*

**Salmon, Jeffrey**

Salmon was Executive Director (senior actual employee) of GMI 1991-2001.

**Activities: GCSCT; A.HOCKX****Organizations: GMI; API, ELC****People: GMI and many others**

[www.marshall.org/article.php?id=3](http://www.marshall.org/article.php?id=3)

[www.marshall.org/experts.php?id=34](http://www.marshall.org/experts.php?id=34) says:

“Dr. Jeffrey Salmon was Executive Director of the George C. Marshall Institute from 1991 to 2001. Previously he was senior speechwriter to Secretaries of Defense Dick Cheney and Caspar Weinberger and Senior Fellow at the Institute for National Strategic Studies at the National Defense University.”

[web.archive.org/web/20000708062417/www.marshall.org/salmon.htm](http://web.archive.org/web/20000708062417/www.marshall.org/salmon.htm)

“Jeffrey Salmon, Executive Director of the Marshall Institute, was Senior Speechwriter to three Secretaries of Defense. He is also a Senior Fellow and member of the Executive Committee of the Environmental Literacy Council. Dr. Salmon was Research Fellow at the Institute for National Strategic Studies and served on the staff of two members of the U.S. House of Representatives. He recently served on the Virginia Governor's Commission on Environmental Stewardship. One of Dr. Salmon's recent articles from Philanthropy, "Weird Science," is available here.”

A political scientist attacked climate scientists. He used the famous misquote-by-omission of Stephen Schneider.

Following is a chronology overview, noting Reagan's Secretaries of Defense were Weinberger 01/21/81-11/23/87, Frank Carlucci 11/23/87-01/20/89. Then GHW Bush's were William Howard Taft IV (Acting) 01/20/89-03/20/89, and Cheney 01/21/89-01/20/93.

**PhD, 1985** in World Politics from Catholic University of America

[www.er.doe.gov/SC-4/Deputy\\_Director-Bio.htm](http://www.er.doe.gov/SC-4/Deputy_Director-Bio.htm)

**?-1991** senior speechwriter for Weinberger, Carlucci (presumably) and Cheney

**1991-2001** Executive Director **GMI**.

**1998:** **GMI** representative on **GCST**.

**March 2001-2008** Appointed as Senior Policy Advisor to the Secretary of Energy (**DOE**) (Bush./Cheney).

[www.climatewatch.org/index.php/csw/details/jeffrey\\_salmon](http://www.climatewatch.org/index.php/csw/details/jeffrey_salmon) Asks:

“What is a climate disinformation activist and former Cheney speechwriter doing as #2 at DOE Science?”

**June 2008-current**

[thinkprogress.org/2009/03/31/hersh-cheney-behind](http://thinkprogress.org/2009/03/31/hersh-cheney-behind)

“As Deputy Director for Resource Management, Dr. Salmon will be responsible for managing the following offices within the Office of Science: Program Direction and Analysis; Grants and Contracts; Budget; Business Policy and Operations; Human Capital Resources; and The Office of Scientific and Technical Information. As one of three Deputy Directors of the Office of Science, Dr. Salmon will report to the Director of the Office of Science.

*Many questions might be asked of **Salmon** about **GMI**, **GCST** and other topics, and his email logs at **DOE** might also be interesting.*

**Scafetta, Nicola**

Research Scientist, Physics Department, Duke University

[yosemite.epa.gov/ee/epa/eed.nsf/vwpsw/360796B06E48EA0485257601005982A1/\\$file/scafetta-epa-2009.pdf](http://yosemite.epa.gov/ee/epa/eed.nsf/vwpsw/360796B06E48EA0485257601005982A1/$file/scafetta-epa-2009.pdf) **A.Hockey**

**Activities:** (Contributor, Author, Reviewer) **NIPCC2009**, **A.Hockey**

**Organizations:** **Heartland**

**People:** **Singer**; often writes with Bruce West.

**Fields:** Statistics; solar

**Notes:** Università di Pisa, IT Physics Laurea (Dottore) 1977; U of North Texas physics PhD 2001

Referenced West 16 times in dissertation.

[www.library.unt.edu/theses/open/20013/scafetta\\_nicola/index.htm](http://www.library.unt.edu/theses/open/20013/scafetta_nicola/index.htm)

[www.fel.duke.edu/~scafetta](http://www.fel.duke.edu/~scafetta) as of 02/26/10, his CV PDF does not seem to work.

“Theoretical and applied statistics and nonlinear models of complex processes with applications in several fields. In particular I am currently studying solar and astronomical causes of climate change and modeling of physiological systems for diagnosing hypoxia and hyperoxia risk patients.”

[ruby.fgcu.edu/courses/twimberley/EnviroPhilo/WestArticleSolarHeating.pdf](http://ruby.fgcu.edu/courses/twimberley/EnviroPhilo/WestArticleSolarHeating.pdf)

Work supported by ARO (Army Research Office), where West works.

Following (See talk 02/26/09) basically asserts that most climate science is wrong, it's mostly the Sun, and maybe (Rhodes Fairbridge) movements of the planets making the Sun wobble:

[yosemite.epa.gov/ee/epa/eed.nsf/5d2662e86b2ebff485256c2c005406b3/d314e13abf2421a285257601005a63d1!OpenDocument](http://yosemite.epa.gov/ee/epa/eed.nsf/5d2662e86b2ebff485256c2c005406b3/d314e13abf2421a285257601005a63d1!OpenDocument) This has moved once, so visit EPA Home Page and search.

\* **Climate publications:** some sometimes refuted fairly quickly.

Climate papers from C.V.:

2003 (1), 2004 (1), 2005 (1), 2006 (2), 2007 (1), 2008 (2), 2009 (3), not counting letters.

2006 papers were discussed:

[www.realclimate.org/index.php/archives/2006/03/solar-variability-statistics-vs-physics-2nd-round/](http://www.realclimate.org/index.php/archives/2006/03/solar-variability-statistics-vs-physics-2nd-round/)

"They also argue that their estimate, which is based on statistical models only, has a major advantage over physically based considerations (theoretical models), because the latter would require a perfect knowledge about the underlying physical and chemical mechanisms."

2007 papers were discussed:

[www.realclimate.org/index.php/archives/2006/10/how-not-to-attribute-climate-change/](http://www.realclimate.org/index.php/archives/2006/10/how-not-to-attribute-climate-change/)

[www.realclimate.org/index.php/archives/2007/11/a-phenomenological-sequel/](http://www.realclimate.org/index.php/archives/2007/11/a-phenomenological-sequel/)

[tamino.wordpress.com/2008/04/05/stalking-the-elusive-solar-cycle-temperature-connection/](http://tamino.wordpress.com/2008/04/05/stalking-the-elusive-solar-cycle-temperature-connection/)

2009 paper was discussed:

[www.realclimate.org/index.php/archives/2009/05/acrim-vs-pmod/](http://www.realclimate.org/index.php/archives/2009/05/acrim-vs-pmod/)

Arguments about variations in solar irradiance and the amount of warming thereby created are reasonable science. Arguing that "it's mostly the Sun" simply ignores the well-understood behavior of Greenhouse gasses. *Signing up with **Heartland** and helping write **NIPCC** are not credibility-enhancers.*

[scholar.google.ca/scholar?q=author:N-Scafetta+climate](http://scholar.google.ca/scholar?q=author:N-Scafetta+climate)

*Articles are rarely cited outside the circle of scientists here and sometimes only to refute.*

*Opinion: he is trying hard to make his mark by offering "new theories" that disprove the mainstream viewpoints, mostly by statistical analysis, a possible case of the "data mining fallacy", and in some ways similar to **Douglass**.*

*He may well have been an indirect recruit from **GCSCT**, although connection is not so obvious.*

### **Schlesinger, James R.**

[en.wikipedia.org/wiki/James\\_R.\\_Schlesinger](http://en.wikipedia.org/wiki/James_R._Schlesinger)

[www.sourcewatch.org/index.php?title=James\\_Rodney\\_Schlesinger](http://www.sourcewatch.org/index.php?title=James_Rodney_Schlesinger)

#### **Organizations: GMI**

[www.marshall.org/article.php?id=86](http://www.marshall.org/article.php?id=86) (Wrote a piece for GMI with **Sproull** Dec 4, 2001)

Other participants included Albert Arking (Johns Hopkins U), Richard Cooper (Harvard U), Will **Happer** (Princeton U), David **Legates** (U of DE), Richard **Lindzen** (MIT), Rodney **Nichols** (Pres NYAS), William **O'Keefe** (President **GMI**), Roger Sedjo (Resources for the Future).

Many roles in US Government, listed here only for **GMI** 2005 Founder's Award, but of course, as a strong prioritizer of defense, a contrarian on climate change, and Director of Peabody Energy and Seven Seas Petroleum, he seems well-aligned with **GMI**.

**Contrib:** R96-02, \$15,500; Bush'00

[www.newsmeat.com/fec/bystate\\_detail.php?city=Washington&st=DC&last=schlesinger&first=james](http://www.newsmeat.com/fec/bystate_detail.php?city=Washington&st=DC&last=schlesinger&first=james)

### **Scott, David W.**

Rice University, **WP** member, *distinguished statistician*.

[www.stat.rice.edu/~scottdw](http://www.stat.rice.edu/~scottdw)

**Activities:** US. CONG, A. HOCKX

**People:** Wegman, Said (and maybe Reese, Rigsby)

His C.V. references **Wegman** 6 times besides the **WR**:

2 book chapters he wrote for Wegman-edited books, 1986 and 2005.

4 sessions he organized in which Wegman was an invited speaker: 1987, 1987, 1989, 1990.

**Wegman, Said, and Scott** became Editors in Chief of a journal whose first issue was Jul/Aug 2009:

Wiley Interscience Reviews: Computational Statistics

[www3.interscience.wiley.com/journal/122458798/issueyear?year=2009](http://www3.interscience.wiley.com/journal/122458798/issueyear?year=2009)

[www3.interscience.wiley.com/journal/122458798/home/EditorialBoard.html?CRETRY=1&SRETRY=0](http://www3.interscience.wiley.com/journal/122458798/home/EditorialBoard.html?CRETRY=1&SRETRY=0)

### **Seitz, Frederick 1911-2008**

**Activities:** GMI1990, SIPP1993, Leipzig, A.Santer, OISM1998, A.HOCKX, WSJ

**Organizations:** GMI; Heartland, (Chairman of Board) SEPP, (Advisor) AIM, ELC

**People:** Jastrow; Nierenberg; Singer; Nichols (@ Rockefeller 1970-1990); other GMI

**Fields:** Solid state, nuclear-related

**Locations:** CA; NJ; NY

**Employers:** Rockefeller U President 1968-1978; GMI Cofounder 1984

**Notes:** Pre-eminent solid-state physicist; later cigarette consulting; wrote cover letter for OISM.

[en.wikipedia.org/wiki/Frederick\\_Seitz](http://en.wikipedia.org/wiki/Frederick_Seitz)

[www.sourcewatch.org/index.php?title=Frederick\\_Seitz](http://www.sourcewatch.org/index.php?title=Frederick_Seitz)

Wrote article for Heartland, 2001:

[www.heartland.org/policybot/results/812/Do\\_people\\_cause\\_global\\_warming.html](http://www.heartland.org/policybot/results/812/Do_people_cause_global_warming.html)

**Contrib:** D79, R94-02, [www.newsmeat.com/fec/bystate\\_detail.php?st=NY&last=seitz&first=frederick](http://www.newsmeat.com/fec/bystate_detail.php?st=NY&last=seitz&first=frederick)

### **Shanahan, John**

Counsel/Senior Counsel for Senate Environment and Public Works (EPW, i.e., Inhofe) 02/19/03-03/28/08  
2008- Hawthorn Group (lobbyist)

[www.legistorm.com/person/John\\_C\\_Shanahan/7941.html](http://www.legistorm.com/person/John_C_Shanahan/7941.html)

[https://www.opensecrets.org/revolving/rev\\_summary.php?id=70654](https://www.opensecrets.org/revolving/rev_summary.php?id=70654)

[climateaudit.org/2006/03/04/one-observers-report-on-the-nas-panel](http://climateaudit.org/2006/03/04/one-observers-report-on-the-nas-panel)

**Activities:** US.CONG, 2006.03.01 NAS Panel observer

**Organizations:** Senate EPW; ALEC (at some time, Director of Public Policy, from OpenSecrets above)

**People:** Inhofe

### **Sills, Hilary (See Perhach and A.9)**

Lobbyist for electric utilities.

[www.implu.com/lobby\\_firm/782](http://www.implu.com/lobby_firm/782)

She sends emails with CC: lists to interesting people.

**Activities:** US.CONG, A.HOCKX(?)

**People:** Ebell, many

### **Singer, S. Fred**

Professor of Environmental Sciences Emeritus

University of Virginia

First Director of the National Weather Satellite Service

Fellow APS, AAAS, American Geophysical Union

<http://www.sepp.org/about%20sepp/bios/singer/biosfs.html>

"He frequently testifies before Congress." So US.CONG.

**Activities:** Heidell992, SIPP1993, Leipzig, A.Santer, OISM1998, GCSCCT (via then-wife Crandall),

US.CONG, GMI2002, GMI2003, GMI2005(?), A.HOCKX, A.Hockey, Stock2006, TGGS2007,

BALI2007, Heart#1, NIPCC2008, GRE2008, Heart#2, Manhat2009, APS2009, Heart#3,

NIPCC2009, HeartExp#1, Helmer2009, HeartExp#2 ...*(and likely many more meetings and activities)*

**Organizations:** SEPP; ACSH, APCO, API, CATO, E&E, FF, Heartland, ICECAP, NRSP, TASSC, WSJ; AdTI, Heritage, InstHumn, UofR-Phys ...*(and likely more)*

**People:** ~everybody

**Fields:** Space, atmospheric (long ago)

**Locations:** VA and elsewhere

**Employers:** **SEPP** (his personal think tank since 1990, actually a way have a lower-tax consulting business), i.e., he and his 1991-1999 wife, Candace **Crandall**, primarily

**Connections:** Especially strong with **GMI**, **Heartland**; **SEPP**; **ACSH** (**Enstrom & Nichols**); **CATO**; **NCPA**; **FF**; **NRSP**. He was associated with **Heritage** [**ORE2010**] during part of 1970s/1980s.

**Starr** was on his board, and together wrote the **Singer**, (Revelle), and **Starr** article for *Cosmos*, just before Revelle's death, a murky and unfortunate affair.

As of 9/25/09, **SEPP** Board lists **Seitz**, Charles Gelman, David L. Hill (nuclear-LANL, etc), Board of Scientific Advisors still includes **Nierenberg**, **Starr**, C.J.F. Bottcher (Netherlands) and Tor Ragnar Gerholm (U Of Stockholm). Spoke at **Stock2006**, with **Baliunas**, **Soon**. Overlapped with **Michaels** @ UVa.

**Notes:** Ohio State; Princeton PhD (1948)

Really: **SEPP** since 1990, has not been at UVa for many years.

[www.sourcewatch.org/index.php?title=S.\\_Fred\\_Singer](http://www.sourcewatch.org/index.php?title=S._Fred_Singer)

Scientific Advisor for **ACSH** (American Council on Science and Health).

He was involved with the 1982 Acid Rain Peer Review Panel (run by **Nierenberg**), weakening the recommendations, fought CFC regulation later.

He has organized petitions often. See [**HOG2009**], Chapter 8, especially:

“Statement by Atmospheric Scientists on Greenhouse Warming”, 1992

Leipzig Declaration”, 1995, 1997, 2005

[www.sepp.org/policy%20declarations/statment.html](http://www.sepp.org/policy%20declarations/statment.html)

[www.sepp.org/policy%20declarations/heidelberg\\_appeal.html](http://www.sepp.org/policy%20declarations/heidelberg_appeal.html)

[en.wikipedia.org/wiki/Leipzig\\_Declaration](http://en.wikipedia.org/wiki/Leipzig_Declaration)

**\*Climate publications:** not much in last few decades: a few papers. Books include [**SIN1999**, **SIN2007**].

**Tobacco:** see: **TASSC**, and “Tobacco Industry Contractor” (especially 1993-1996) in:

[www.sourcewatch.org/index.php?title=S.\\_Fred\\_Singer](http://www.sourcewatch.org/index.php?title=S._Fred_Singer)

[legacy.library.ucsf.edu/tid/pwc42f00](http://legacy.library.ucsf.edu/tid/pwc42f00)

[www.sourcewatch.org/index.php?title=Science%2C\\_economics%2C\\_and\\_environmental\\_policy:\\_a\\_critical\\_examination](http://www.sourcewatch.org/index.php?title=Science%2C_economics%2C_and_environmental_policy:_a_critical_examination)

He was lead reviewer for **AdTI**: “The EPA and the Science of Environmental Tobacco Smoke”, 1994., [legacy.library.ucsf.edu/tid/ech40c00/pdf?search=%22singer%20jeffreys%20epa%20environmental%20smoke%22](http://legacy.library.ucsf.edu/tid/ech40c00/pdf?search=%22singer%20jeffreys%20epa%20environmental%20smoke%22)

[tobaccodocuments.org/nysa\\_ti\\_s3/TI10841120.html](http://tobaccodocuments.org/nysa_ti_s3/TI10841120.html)

[www.desmogblog.com/no-apology-is-owed-dr-s-fred-singer-and-none-will-be-forthcoming](http://www.desmogblog.com/no-apology-is-owed-dr-s-fred-singer-and-none-will-be-forthcoming)

[www.desmogblog.com/singer-copendenier-cigarettes-ozone](http://www.desmogblog.com/singer-copendenier-cigarettes-ozone)

[www.desmogblog.com/sites/beta.desmogblog.com/files/Smtr65e00.pdf](http://www.desmogblog.com/sites/beta.desmogblog.com/files/Smtr65e00.pdf)

[www.sepp.org/Archive/weekwas/weekwas.html](http://www.sepp.org/Archive/weekwas/weekwas.html) is his useful archive of weekly newsletters.

**Contrib:** R05-08,

[www.newsmeat.com/fec/bystate\\_detail.php?city=ARLINGTON&st=VA&last=singer&first=fred](http://www.newsmeat.com/fec/bystate_detail.php?city=ARLINGTON&st=VA&last=singer&first=fred)

### **Smith, Frances B. (Fran.Smith)**

Adjunct Fellow **CEI**; 1994-2005 **Executive Director of Consumer Alert**

[cei.org/people/fran-smith](http://cei.org/people/fran-smith)

[www.sourcewatch.org/index.php?title=Consumer\\_Alert](http://www.sourcewatch.org/index.php?title=Consumer_Alert)

[yosemite.epa.gov/ee/epa/eed.nsf/vwpsw/360796B06E48EA0485257601005982A1/\\$file/scafetta-epa-2009.pdf](http://yosemite.epa.gov/ee/epa/eed.nsf/vwpsw/360796B06E48EA0485257601005982A1/$file/scafetta-epa-2009.pdf) A.GATE

**Activities:** **GMI2003**, **A.HOCKX**, **A.GATE**

**Organizations:** **CEI**, **CHC**, **Consumer Alert**

### **Smith, Fred L., Jr (Fred.Smith)**

CEO & Founder, **CEI**

[www.sourcewatch.org/index.php?title=Fred\\_Smith](http://www.sourcewatch.org/index.php?title=Fred_Smith)

**Activities:** SIPP1993, A.HOCKX, HeartExp#2

**Organizations:** CEI; (“Global Warming” Expert”) Heartland

**People:** Singer, Ebell, Horner, M.Lewis; many

### **Solomon, Lawrence Canada**

Writes “The Deniers” series for the National Post, collected in [SOL2008].

[scienceblogs.com/stoat/2008/06/who\\_is\\_lawrence\\_solomon\\_and\\_wh.php](http://scienceblogs.com/stoat/2008/06/who_is_lawrence_solomon_and_wh.php)

[www.heartland.org/policybot/results/24044/Global\\_Warming\\_Alarmists\\_Sabotage\\_Wikipedia\\_Entries.html](http://www.heartland.org/policybot/results/24044/Global_Warming_Alarmists_Sabotage_Wikipedia_Entries.html)

[network.nationalpost.com/np/blogs/fpcomment/archive/2009/12/23/lawrence-solomon-climategate-at-wikipedia.aspx](http://network.nationalpost.com/np/blogs/fpcomment/archive/2009/12/23/lawrence-solomon-climategate-at-wikipedia.aspx)

**Activities:** A.Oreskes, A.Hockey, Heart#2, HeartExp#2

**Organizations:** Heartland, National Post

### **Soon, Willie H.**

Harvard-Smithsonian Center for Astrophysics

[en.wikipedia.org/wiki/Willie\\_Soon](http://en.wikipedia.org/wiki/Willie_Soon)

[www.sourcewatch.org/index.php?title=Willie\\_Soon](http://www.sourcewatch.org/index.php?title=Willie_Soon)

[www.int-res.com/articles/cr2003/23/c023p089.pdf](http://www.int-res.com/articles/cr2003/23/c023p089.pdf)

[rabett.blogspot.com/2008/07/who-pa-id-for-that-one-of-things-you.html](http://rabett.blogspot.com/2008/07/who-pa-id-for-that-one-of-things-you.html) points at payments

“This scientific research was supported by generous grants from the Charles G. Koch Charitable Foundation, American Petroleum Institute, and Exxon-Mobil Corporation. The views expressed herein are solely those of the author and are independent of sources providing support.”

**Activities:** OISM1998, GMI2003, A.Oreskes, A.HOCKX, A.Hockey, Stock2006, Heart#1, HeartExp#1

**Organizations:** API (first sponsor of [SOO2003]), CHC, E&E, FF/CSPP, Fraser, GES, GMI, Heartland, SPPI, TCS, WCR, Charles G. Koch Foundation, ExxonMobil,

**People:** Baliunas; many

**Fields:** Astrophysics

**Locations:** CA; MA

**Employers:** Harvard-Smithsonian Center for Astrophysics (H-S cFa)

**Connections:** Often writes with **Baliunas**. Advisor to **GMI**; has written for **Fraser** Institute, is Chief Science Advisor for **SPPI**. **Heartland**; co-authored **OISM** report.

**Soon** coauthored at least 7 papers (1989-1992) with thesis advisor Kunc at USC (**APS2009** signer)

**Notes:** USC aerospace engineering PhD 1991

### **Spencer, Peter (P.Spencer)**

House Energy and Commerce Committee (R), 07/13/01- Professional Staff Member

[www.legistorm.com/person/Peter\\_Spencer/19161.html](http://www.legistorm.com/person/Peter_Spencer/19161.html)

[www.legistorm.com/trip/list/by/traveler/id/8305/name/Peter\\_Spencer.html](http://www.legistorm.com/trip/list/by/traveler/id/8305/name/Peter_Spencer.html) 03/08/09

**Activities:** US. CONG, A.HOCKX

**Organizations:** U.S. House of Representatives

**People:** Barton, Wegman, at least

**Heart#2** trip to NYC, paid for by **Heartland**.

*He seemed to be the key **Barton** staffer in managing the **WR**.*

He was also involved in 07/25/2002 House hearing [DEE2010e]:

[republicans.energycommerce.house.gov/107/hearings/07252002Hearing676/print.htm](http://republicans.energycommerce.house.gov/107/hearings/07252002Hearing676/print.htm)

The 6 testifiers included Janetos, Karl, Lashof, **Michaels**, **O'Brien**, Pielke, Jr ... in that order.

### **Spencer, Roy W**

NASA; U of Alabama, Huntsville

[www.drroyspencer.com](http://www.drroyspencer.com)

[en.wikipedia.org/wiki/Roy\\_Spencer\\_%28scientist%29](http://en.wikipedia.org/wiki/Roy_Spencer_%28scientist%29)

[theevolutioncrisis.org.uk/testimony2.php](http://theevolutioncrisis.org.uk/testimony2.php)

[www.drroyspencer.com/global-warming-background-articles/2000-years-of-global-temperatures](http://www.drroyspencer.com/global-warming-background-articles/2000-years-of-global-temperatures)

### **A.Hockey**

[www.drroyspencer.com/2009/12/climategate-ii-revenge-of-the-climate-modelers](http://www.drroyspencer.com/2009/12/climategate-ii-revenge-of-the-climate-modelers) **A.GATE**

[www.drroyspencer.com/2009/12/american-thinker-a-climatology-conspiracy](http://www.drroyspencer.com/2009/12/american-thinker-a-climatology-conspiracy) **A.Santer**

[www.cornwallalliance.org/docs/a-call-to-truth-prudence-and-protection-of-the-poor.pdf](http://www.cornwallalliance.org/docs/a-call-to-truth-prudence-and-protection-of-the-poor.pdf) “A Call to Truth, Prudence, and Protection of the Poor: an Evangelical Response to Global Warming”

**Activities:** OISM1998, A.Oreskes, TGG2007, BALI2007, Heart#1, Heart2008#2, Manhat2008, CATO2009, Heart#3, HeartExp#1, A.HOCKX(?), A.Hockey, A.GATE

**Organizations:** CATO, GMI, Heartland, ICECAP, TCS

**People:** Christy; many

**Fields:** Climatology, especially satellites

**Locations:** AL

**Employers:** NASA; UAH

**Connections:** Has often written with **Christy**, including 1990 GMI paper, Director GMI.

**Notes:** U of Michigan atmospheric sciences BS 1978, U Wisconsin meteorology PhD 1981.

NASA Marshall -1991, then UAH.

The original Spencer and Christy work at UAH on satellite analysis temperatures was good and was long used to claim that ground station temperatures were wrong. But, their code had errors discovered over years, and the as they got fixed, their analyses got closer to other people's analyses, but still tend to show less warming.

### **Spring, Andrea L.**

[www.legistorm.com/person/Andrea\\_L\\_Spring/66737.html](http://www.legistorm.com/person/Andrea_L_Spring/66737.html)

House Energy & Commerce (**Barton**) Professional Staff, since 05/05/08 – attended **Heart#2**.

**Activities:** US.CONG, (attended) **Heart#2**

**Organizations:** US House of Representatives

**People:** Barton

*It might be interesting to ask what she learned at **Heart#2**.*

### **Sproull, Robert L.**

GMI Director 2002-2008

Cornell; U of Rochester

**Activities:** A.HOCKX

**Organizations:** GMI, ELC, UofR-Phys

**People:** Jastrow, Nierenberg, Seitz, Nichols, Schlesinger, Happer, Lindzen, Legates; Douglass, Knox at UofR-Phys.

**Fields:** Atomic & Solid state (be careful, at least one other well-known Robert Sproull)

**Locations:** NY-Upstate West

**Employers:** Cornell; DARPA (1963-64); Cornell; U of Rochester 1968-

**Notes:** Cornell PhD

Cornell paper 1943, then at RCA, Princeton, then back at Cornell

[prola.aps.org/abstract/PR/v67/i5-6/p166\\_1](http://prola.aps.org/abstract/PR/v67/i5-6/p166_1)

[prola.aps.org/search/field/author/Sproull\\_R\\_L](http://prola.aps.org/search/field/author/Sproull_R_L)

U of Rochester: provost 1968-1970, VP 1971-1975, President 1975-1984.

Retired 1985, Professor Physics.

[en.wikipedia.org/wiki/Robert\\_Sproull](http://en.wikipedia.org/wiki/Robert_Sproull)

[www.rochester.edu/gradstudies/sproull.html](http://www.rochester.edu/gradstudies/sproull.html)

He consulted for paper in 2001:

[www.marshall.org/pdf/materials/86.pdf](http://www.marshall.org/pdf/materials/86.pdf)

Arking (JHU), Cooper (Harvard), **Happer** (Princeton), **Legates** (Delaware), **Lindzen** (MIT), **Nichols** (NYAS), **Schlesinger** (Defense), Sedjo (RFF).

### **Starr, Chauncey 1912-2007**

**ORNL**; Rockwell-Atomic International; UCLA; **EPRI**

**Activities:** Leipzig, OSIM1998, GMI2002, A.HOCKX(?)

**Organizations:** (Director) GMI, (Science Advisor) SEPP

**People:** Seitz (old associate); GMI (Starr was Director); Nierenberg (Dir @ EPRI); He cowrote paper with **Singer** and (Revelle (not really Revelle, confused))

**Fields:** Nuclear power; risk analysis

**Locations:** TN; CA-Los Angeles; CA-SF Bay Area

**Employers:** ORNL (Manhattan Project); Rockwell-Atomic International; UCLA; **EPRI**

**Notes:** Rensselaer BS EE 1932, physics PhD 1935. Possible **Giaever** connection?

[en.wikipedia.org/wiki/Chauncey\\_Starr](http://en.wikipedia.org/wiki/Chauncey_Starr)

[www.rpi.edu/about/hof/starr.html](http://www.rpi.edu/about/hof/starr.html)

[www.sourcewatch.org/index.php?title=Chauncey\\_Starr](http://www.sourcewatch.org/index.php?title=Chauncey_Starr)

**Contrib:** R01-02; R:\$1,000

[www.newsmeat.com/fec/bystate\\_detail.php?st=CA&last=starr&first=chauncey](http://www.newsmeat.com/fec/bystate_detail.php?st=CA&last=starr&first=chauncey)

### **Stilbs, Peter**

Professor of Physical Chemistry

Royal Institute of Technology (KTH), Stockholm, Sweden

Life Member APS

**Activities:** (organizer)Stock2006; APS2009;

**Organizations:** (advisor) StockInit, Heartland, ICSC

**People:** Baliunas, Singer, Soon spoke. Wrote paper with **Singer**. **Thauerskold**.

**Fields:** Nuclear magnetic resonance

**Notes:** Lund U Chemistry BS 1969, Physical Chemistry PhD 1974

Uppsala U 1976-1982; on leave @ U of Bergen 1980, 1986; KTH 1986-

[gamma.physchem.kth.se/~peter/](http://gamma.physchem.kth.se/~peter/)

[gamma.physchem.kth.se/~peter/cvwww.htm](http://gamma.physchem.kth.se/~peter/cvwww.htm)

[en.wikipedia.org/wiki/Peter\\_Stilbs](http://en.wikipedia.org/wiki/Peter_Stilbs)

[gamma.physchem.kth.se/~climate/](http://gamma.physchem.kth.se/~climate/) (Organizing chairman, 2006 conference)

[gamma.physchem.kth.se/~climate/speakers.htm](http://gamma.physchem.kth.se/~climate/speakers.htm) (speakers there)

[www.stockholminitiative.com/eng/about-us/who-we-are](http://www.stockholminitiative.com/eng/about-us/who-we-are)

### **Stotts, Bethany** (example of young employee for front)

[www.academia.org/about-aia](http://www.academia.org/about-aia)

“**Bethany Stotts**, Staff Writer, joined the American Journalism Center as an intern in June 2007 shortly after graduating from Messiah College.”

**Activities:** A.GATE

**Organizations:** AIA

**People:** Kline

[www.academia.org/mann-overboard](http://www.academia.org/mann-overboard), “Mann Overboard,” 02/05/10.

[www.academia.org/climategate-investigations-galore](http://www.academia.org/climategate-investigations-galore) “Climategate Investigations Galore,” 12/10/09.

For those unfamiliar with Messiah College, one of its best-known graduates was Monica Goodling:

[en.wikipedia.org/wiki/Monica\\_Goodling](http://en.wikipedia.org/wiki/Monica_Goodling)

### **Thauerskold, Maggie** (Sweden)

[www.theclimatescam.com](http://www.theclimatescam.com)

[www.theclimatescam.com/about](http://www.theclimatescam.com/about)

“I was never particularly interested in economics. Therefore, I became an economist. Although only on paper. My current daytime job is in an ad agency.”

[www.stockholminitiative.com/eng/about-us/who-we-are](http://www.stockholminitiative.com/eng/about-us/who-we-are)

“Copywriter and advertisement project leader. Owner of the blog "The Climate Scam". Maggie is coauthor with Lars Bern to the book Chill-out, the truth about the climate swindle.”

[www.heartland.org/full/24843](http://www.heartland.org/full/24843)

“Swedish blogger Maggie Thauerskold will broadcast portions of the International Conference on Climate Change at her Web site, [www.theclimatescam.com](http://www.theclimatescam.com)”

[www.theclimatescam.com/2009/03/08/international-conference-on-climate-change](http://www.theclimatescam.com/2009/03/08/international-conference-on-climate-change) she attended

**Activities:** (Attended) **Heart#2**

**Organizations:** (Director) **StockInit**

**People:** Stilbs, others through **Heartland**

### **Thorning, Margot**

ACCF – Senior VP and Chief Economist

[www.accf.org/officers/4/margo-thorning](http://www.accf.org/officers/4/margo-thorning)

[www.exxonsecrets.org/html/personfactsheet.php?id=359](http://www.exxonsecrets.org/html/personfactsheet.php?id=359)

[www.marshall.org/article.php?id=93](http://www.marshall.org/article.php?id=93) 09/02/02 The Kyoto Protocol Threatens European Economies

[www.globalwarmingheartland.org/experts.html](http://www.globalwarmingheartland.org/experts.html)

**Activities:** GMI Roundtable, **HeartExp#1**, **HeartExp#2**, appears in **A.9.3** emails.

**Organizations:** ACCF; GMI, Heartland

### **Valentine, Brian**

US DOE Industrial Energies Program engineer

[www.sourcewatch.org/index.php?title=Brian\\_Valentine](http://www.sourcewatch.org/index.php?title=Brian_Valentine)

[voices.washingtonpost.com/capitalweathergang/2009/03/bob\\_ryan\\_earns\\_praise\\_debate\\_c.html](http://voices.washingtonpost.com/capitalweathergang/2009/03/bob_ryan_earns_praise_debate_c.html)

**Activities:** **BALI2007**, (speaker) **Heart#2**, **CATO2009**, **HeartExp#2**, supported an **Inhofe** July 2008 document.

**Organizations:** CATO, Heartland

**People:**

### **Walker, Joseph L. III**

**Activities:** OISM1998(? Disambiguation), GCSCCT

**Organizations:** API

**People:** In addition to GCSCCT list, O’Keefe.

He reappeared somewhat later:

[www.dailykos.com/story/2009/5/20/730706/-Behind-climate-inactivismthe-informedness-causes-apathy-meme](http://www.dailykos.com/story/2009/5/20/730706/-Behind-climate-inactivismthe-informedness-causes-apathy-meme)

[www.ewire.com/display.cfm/Wire\\_ID/4553](http://www.ewire.com/display.cfm/Wire_ID/4553)

### **Wamsted, Dennis**

Wrote “Doctoring the Documents?” 05/22/1996, basically passing along GCC’s attack on Ben Santer, and printed Singer’s on 06/20/1996, with Ben Santer’s reply sandwiched between.

[www.sepp.org/Archive/contro/ippcccont/Item04.htm](http://www.sepp.org/Archive/contro/ippcccont/Item04.htm)

**Activities:** A.Santer

**People:** Singer

### **Watts Anthony**

Broadcast weather presenter, turned blogger

[wattsupwiththat.com](http://wattsupwiththat.com)

[http://en.wikipedia.org/wiki/Anthony\\_Watts\\_%28blogger%29](http://en.wikipedia.org/wiki/Anthony_Watts_%28blogger%29)

This is one of the most popular anti-science sites. It was supposed to disprove temperature calculations by taking pictures of weather stations, without doing statistical analysis, and showing that badly-sited ones were distorting the results. They weren't, but the promised study has not seemed to appear, and other studies have shown that if anything, the stations Watts considers bad may even produce spurious cooling.

**Activities:** Leipzig, A.Oreskes, A.Hockey, Heart#1, Heart#2, Heart#3, HeartExp#1, A.GATE

**Organizations:** Heartland, SPPI

**People:** many

### **Wegman, Edward J.**

Professor and Director, Center for Computational Data Sciences, GMU (current)

[www.galaxy.gmu.edu/stats/faculty/wegman.html](http://www.galaxy.gmu.edu/stats/faculty/wegman.html)

[www.galaxy.gmu.edu/stats/faculty/wegman.resume2.pdf](http://www.galaxy.gmu.edu/stats/faculty/wegman.resume2.pdf)

[en.wikipedia.org/wiki/Edward\\_Wegman](http://en.wikipedia.org/wiki/Edward_Wegman)

[www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf](http://www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf) [SAI2007] see A.11

**Activities:** A.HOCKX, A.Hockey, BALI2007

**Organizations:** GMI, GMU

**People:** Coffey, P.Spencer, Scott, Said, Reeves, Riggsby, McIntyre, at least

Wegman's Panel included a long-time off-and-on associate (Scott, see comments there) and a recent (2005) PhD student and frequent co-author (Said). [SAI2007] mentions that another person dropped out. The WR thanked a recent Wegman MS student and occasional co-author (Riggsby), and a then-current PhD student (Reese) for their help. The WR strongly criticized the social network in climatology, a fairly small field. Statistics is a huge field, so it *seems odd* that a panel would be composed of Wegman, a long-time associate, a recent PhD student, with help from two more students.

*His resume lists an interesting possible connection*

"Strategic Defense Initiative Organization, Innovative Science and Technology Office Washington, DC: development of the ultra high speed computing research program, 1985-1986"

GMI was started in 1984 to support President Reagan's SDIO, aka "Star Wars", and GMI has generally had Board members involved with this topic, such as Canavan, and that might have been a connection. It is hard to know, given the many overlaps of government agencies and consultancies.

In any case, [SAI2007] (A.11) offers a very different perspective on the process.

Finally, Wegman was listed as a signatory to the 12/18/07 BALI2007 letter. Regardless of what he may have thought in 2005-2006, by 2007 he seems to have subscribed to a typical anti-science viewpoint. That letter was filled with classic anti-science statements, including:

"...there has been no net global warming since 1998. That the current temperature plateau follows a late 20th-century period of warming is consistent with the continuation today of natural multi-decadal or millennial climate cycling."

*This is only believable to those who know nothing about the statistics of time series whose yearly random noise is substantially larger than the yearly average trend.*

### **Wheeler, Andrew**

Staffer on Senate EPW, Staff Director/Chief Counsel, 04/01/02-01/25/09, i.e., worked for Inhofe.

**Activities:** On GMI2005 Panel, US.CONG, A.HOCKX

**Organizations:** US Senate EPW

**People:** Inhofe; people at GMI, CEI

### **Whitfield, Ed (Representative, R-KY)**

[whitfield.house.gov](http://whitfield.house.gov)

[en.wikipedia.org/wiki/Ed\\_Whitfield](http://en.wikipedia.org/wiki/Ed_Whitfield)

Chaired House Energy&Commerce Subcommittee on Oversight and Investigations

**Activities:** US.CONG, A.HOCKX

**Organizations:** US House of Representatives

**People:** Barton, Paoletta, others

[archives.energycommerce.house.gov/reparchives/108/Hearings/07272006hearing2001/The\\_Honorable\\_Ed\\_Whitfield.htm](http://archives.energycommerce.house.gov/reparchives/108/Hearings/07272006hearing2001/The_Honorable_Ed_Whitfield.htm)

“Dr. Wegman's independent committee found and reported that Dr. Mann and his coauthors incorrectly applied a statistical methodology that would preferentially create hockey stick shapes...”

[www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00003467&type=I](http://www.opensecrets.org/politicians/industries.php?cycle=Career&cid=N00003467&type=I)

Staffer **Paoletta** appears in [SAI2007].

**Willis, Lynn**

VP Operations, GMI, 2002-

**Activities:** A.HOCKX(?)

**Organizations:** GMI

**Wojick, David E.**

[www.climatechangedebate.org](http://www.climatechangedebate.org)

[www.sourcewatch.org/index.php?title=David\\_E.\\_Wojick](http://www.sourcewatch.org/index.php?title=David_E._Wojick)

[www.exxonsecrets.org/html/personfactsheet.php?id=1174](http://www.exxonsecrets.org/html/personfactsheet.php?id=1174)

**Activities:** BALI2007, HeartExp#1, HeartExp#2

**Organizations:** GES, (E&CN contributing editor) Heartland, NRSP, CATO (client), SEPP

## A.8 Miscellaneous Documents 1990-1997

This is now unused.

## A.9 Miscellaneous Documents and emails 1998-2006

The next few sections show some interesting email, which surely must be only a tiny slice of those that might be found, as even minor events get broadcast. I haven't had time to track down most of the names, but Washington people would likely recognize many more. I certainly recognize some.

*FOIA has some reasonable uses, like these, which some might like to prevent:*

[en.wikipedia.org/wiki/Freedom\\_of\\_Information\\_Act\\_%28United\\_States%29](http://en.wikipedia.org/wiki/Freedom_of_Information_Act_%28United_States%29)

**Major Caveat:** Just because someone is listed as a recipient of an email does not imply that they wanted it, agreed with it or answered it, but email address listings can be good guides to further inquiry. This is akin to military signals intelligence, where just knowing which people talk to each other is worth something. Of course, repeated interactions are more meaningful.

### A.9.1 06/03/02 Email Ebell to Cooney ("Phil, thanks for calling and asking for our help.")

[www.greenpeace.org/international/assets/binaries/ceimemo.swf](http://www.greenpeace.org/international/assets/binaries/ceimemo.swf)

This 1-page note is well worth reading in its entirety. **Cooney** and **Ebell** certainly communicated.

[en.wikipedia.org/wiki/Philip\\_Cooney](http://en.wikipedia.org/wiki/Philip_Cooney)

### A.9.2 02/22/03 Email Sills to Perhach, etc, recommending Essex&McKittrick talk

[georgewbush-whitehouse.archives.gov/ceq/foia/cei/2\\_arms\\_233.pdf](http://georgewbush-whitehouse.archives.gov/ceq/foia/cei/2_arms_233.pdf)

This list shows both names and email addresses. Sometimes PDF scans are imperfect, so I may have missed a few errors, for which a review of the original helps. I have edited out UNKNOWN lines and redundancies, and have emboldened names of particular interest here and in the later emails. House and Senate names are plentiful, as are energy companies, lobbyists and think tanks.

**Sills** had a good list of people, and she was on **Ebell's** email list, as is clear at the end.

Here, she urged people to attend **Essex&McKittrick** (sic) talk, and recommended [ESS2002].

She has heard **McKittrick** before, *probably October 11, 2001*.

"CREATOR:hsills <hsills@starpower.net>

CREATION DATE/TIME:22-FEB-2003 16:24:24.00

SUBJECT:: Fw: Invitation to Cooler Heads Coalition briefing by the authors of Taken by Storm

TO:louisRenjel@epw.senate.gov

TO:"Ditto, Joy" <JDitto@APPAnet.org>

TO:michael.goo@house.mail.gov

TO:rebecca.hyder@mail.house.gov

TO:scottdefife@mail.house.gov

TO:Tongour@tongoursimpson.com

TO:teresa **gorman** <tagorman@mindspring.com>

TO:"Scott Aliferis (E-mail)" <saliferis@autoalliance.org>

TO:Phil **Cooney** ( CN=Phil Cooney/OU=CEQ/O=EOP@EOP [ CEQ I)

TO:McLane Layton <McLaneLayton@nickles.senate.gov>

TO:lpickfordt@morganimeguire.com

TO:kevin kolevar kev in.kolevar@hq.doe.gov

TO:jonathan tolman jonathan.tolman@mail.house.gov

TO:"Jay Morgan (E-mail)" <jmorgan9@ford.com>

TO:Elizabeth A. Stolpe( CN=Elizabeth A. Stolpe/OU'=CEQ/O=EOP@EOP[ CEQ I

TO: Bryan Hannegan <Bryan.Hannegan@energy.senate.gov>  
 TO: "Blood, Rebecca" <RBlood@APPAnet.org>  
 TO: Aloysius **Hogan** <alloysius.hogan@inhofe.senate.gov>  
 TO: john-shanahan@epw.senate.gov  
 TO: Kasey Gillette <Kasey\_Gillettec@graham.senate.gov>  
 TO: alan.hill@mail.house.gov  
 TO: jack.victory@mail.house.gov  
 TO: lem.smith@mail.house.gov  
 TO: TimXavier(@aol.com  
 TO: steven meeks <steven.meeks@chambliss.senate.gov>  
 TO: "Rae Cronmiller (E-mail)" <rae.cronmiller@nreca.org>  
 TO: Michael Whateley <MichaelWhatley@epw.senate.gov>  
 TO: "Mac McLennan (NRECA) (E-mail)" <mac.mclennan@nreca.org>  
 TO: larisa.dobriansky <larisa.dobriansky@hq.doe.gov>  
 TO: josh jordan <josh.jordan@chambliss.senate.gov>  
 TO: john\_peschkel@rpc.senate.gov  
 TO: George O'Connor <George\_O'Connor@craig.senate.gov>  
 TO: Bridget Walsh <BridgetWalsh@billnelson.senate.gov>  
 TO: bob meyers <bob.meyers@mail.house.gov>  
 TO: andrew **wheeler**@epw.senate.gov  
 TO: Kameran L. Onley( CN=Kameran L. Onley/OU=CEQ/O=EOP@EOP[ CEQ

TEXT:

I am reading this book, and it is very, very informative- on the science of climate change, what we know, what we don't know. I have been to presentations by Ross McKittrick, an economist, on various policies for limiting ghg emissions, and he is very smart and insightful. I strongly recommend this briefing to you if you would like to gain a fuller and better understanding of the science of climate change and economics of various proposed policies. If you are able to attend, please RSVP to mebell@cei.org.

--- Original Message-

From: "Hilary Sills" <hhsills@starpower.net>  
 To: "hilary sills" <hsills@starpower.net>  
 Sent: Saturday, February 22, 2003 1:45 PM  
 Subject: Fw: Invitation to Cooler Heads Coalition briefing by the authors of  
 Taken By Storm, Thursday, 27th February, 2:30 PM, 406 Dirksen

• ---Original message ---

• From: Myron Ebell <mebell@cei.org>  
 • To: Myron Ebell <mebell@cei.org>  
 • Sent: Wednesday, February 19, 2003 12:32 PM  
 • Subject: Invitation to Cooler Heads Coalition briefing by the authors of  
 • Taken By Storm, Thursday, 27th February, 2:30 PM, 406 Dirksen  
 • [Please note that you don't have to RSVP because we're not serving lunch,  
 • but if you do then we'll be able to give you a copy of the book. If you  
 • attend without letting us know you're coming, then we might not have  
 enough

> books to be able to give you one. Please reserve a spot by e-mailing me  
 at

• mebell@cei.org or by ringing me at (202) 331-2256. Please include your  
 name, telephone number, e-mail address, and affiliation. My apologies if  
 • you receive this more than once. I am e-mailing to several lists. (Thanks.)

> The Cooler Heads Coalition

• Invites you to a  
 • Congressional and Media Briefing  
 • with  
 • Christopher Essex  
 • and  
 • Ross McKittrick  
 • Authors of

- Taken By Storm J
- the Troubled Science, Policy,
- and Politics of Global Warming
- > Thursday, February 27
- > 2:30-4:00 PM
- > 406, Senate Dirksen Office Building
- > Reservations are requested.
- > Please RSVP by calling (202) 331-2256;A
- > Or by e-mail: mebell@cei.org.”

### A.9.3 04/05/04 Email Sills to Perhach and others, mocking Pew Climate Center

[georgewbush-whitehouse.archives.gov/ceq/foia/cei/2\\_ex\\_695.pdf](http://georgewbush-whitehouse.archives.gov/ceq/foia/cei/2_ex_695.pdf)

“**From:** hsills [hsills~starpower.net]  
**Sent:** Monday, April 05, 2004 11:41 PM  
**To:** Walt Buchholtz; tom altmeyer; **teresa gorman**; Scholes, Dallas (Enzi); Ryan\_jackson@epw.senate.gov; Rayola Dougher; Rae Cronmiller (E-mail); **Cooney, Phil**; Paul\_Georgia@rpc.senate.gov; **Myron Ebell**; **mthorning@accf.org**; Mormino, Brian (EPW); Michael Catanzaro; Mark Washko (APCA) (E-mail); marc meteyer; mandi\_mckinley@allard.senate.gov; lou pugliaresi; Long, Rob; larisa dobriansky; lance.wenger@mail.house.gov; **kitty.s.cochrane@exxonmobil.com**; O'Donovan, Kevin M.; ken flanz@crapo.senate.gov; june whelan; jonathan tolman@epw.senate.gov; John **Shanahan**; John peschke; joe stanko; joby.fortson@mail.house.gov; Jeffrey Marks; janette pablo; George O'Connor;IN **FPalmer@peabodyenergy.com**; dridenour@nationalcenter.org; Debbie\_S.\_Fiddelke@ceq.eop-gov; David F Mitchell; dave McCarthy; Dan Scherder; Coon, Charli; chris-heggem@burns.senate.gov; **CHorner Law@aol.com**; celiaWallace@thomas.senate.gov; Burman, Brenda (Kyl); Brian T. Petty; bob reinstein; bob rainey; bob meyers; **bob ferguson**; Blood, Rebecca; barbara bankoff; **andrew wheeler@epw.senate.gov**; randy **randol**; karen kerrigan; al collins; paul cicio; **bill okeefe**; tom barney; jerry mcphree; e steadman; jay morgan; sandy bourne; **marlo lewis**; pat richards; Bob Greco (E-mail); Russell Jones; Mark Whitenton (E-mail); **clouds@api.org**; Holmes,Connie; **fsmith@consumeralert.org**; **FRED SMITH**; **fred singer**; **david wojick**; **imurray@cei.org**  
**Subject:** Pew Climate Center Soldiers On ....”

mthorning@accf.org: Margot **Thorning**  
 Chomerlaw@aol.com: Chris **Horner**, CEI  
**Randol: ExxonMobil** (at GCSCT)  
**Ferguson: FF/CSPP**, then **SPPI**.  
**Lewis: CEI**  
 clouds@api.org = unknown, but obviously **API**.  
 imurray@cei.org: ?

#### A.9.4 06/09/04 Email Sills to Perhach and others, praising Lomborg

[georgewbush-whitehouse.archives.gov/ceq/foia/cei/2\\_ex\\_597.pdf](http://georgewbush-whitehouse.archives.gov/ceq/foia/cei/2_ex_597.pdf)

**From:** hsills [hsills@starpower.net]  
**sent:** Wednesday, June 09, 2004 2:35 PM  
**To:** tgrove@oppd.com; Swaney, Katie (TALENT); SVoyles@csu.org; Spooner, Brad; Segner, Sharon (Alexander); Schryver, David; Scholes, Dallas (Enzi); sasmith@cps-satx.com; ryanjackson@epw.senate.gov; RSKIZER@santeecooper.com; roger.duncan@austinenergy.com; Roger Fontes; Robert Talley; rmeyer@amp-ohio.org; rebecca.hyder@mail.house.gov; Rainey, Bob; Rae Cronmiller (E-mail); Quin Shea; Pugh, Theresa; peter.uhlmann@mail.house.gov; Paul Georgia@rpc.senate.gov; paul eiwing; Nipper, Joe; Nielson, Scott; mrandall@cps-satx.com; mkanner@kannerandassoc.com; michael.goodman@mail.house.gov; mandi mckinley@allard.senate.gov; lpickford@morganmeguire.com; lance.wen-ger@mail.house.gov; kirk\_johnson@nreca.org; ken flanz@crapo.senate.gov; Kasey Gillette; josh jordan; jordon logue; jonathan\_tolman@epw.senate.gov; john\_stoody@bond.senate.gov; jim.harding@ci.seattle.wa.us; jhudson@santeecooper.com; jani.revier@mail.house.gov; janette pablo; Janet Woodka; Henry.Eby@lcra.org; grace.warren@mail.house.gov; Goo, Michael; frank crane; emily duncan@bayh.senate.gov; elizabeth.assey@mail.house.gov; Early, Carrie-Lee; dpadgett@csu.org; dkahle@les.com; Ditto, Joy; dick hayslip; deborah sliz; david Lock; dalvarez@mayor.lacity.org; Curry, Jeff; Cronmiller, Rae; creastma@srp.gov; Crane, Frank; chuck manning; chris\_heggem@burns.senate.gov; charles vacek; celia Wallance@thomas.senate.gov; Carol Whitman (E-mail); Burman, Brenda (Kyl); Bridget Wal@sh\_; Brian T. Petty; brad spooner; bob reinstein; Blood, Rebecca; **bill okeefe**; bill neal; bethjafari@comyn.senate.gov; benl@cei.org; ben\_hansen@bennekson.senate.gov; behoffma@srpnet.com; bbeebe@smud.org; Bartlett, Suzanne M. - Legislative Affairs Analyst; Barry Moline (E-mail); aleix@jarvis@lgraham.senate.gov; aleander beckles; alan.hill@mail.house.gov; al collins; berdel knowles; james stanfield; farzie shelton; yolanta jonyngas; jenette curtis; Bob Kappelmann; bud para; mark mccain; amy zubaly; susan schumann; Denise Stalls; jcmccu@nppd.com  
**Subject:** Fw: Copenhagen Consensus ..."

*Summary: Lomborg is right, great work, so no problem!*

#### A.9.5 07/14/04 Email Gorman to Perhach, Sills, and others, forwarding Sills email

[georgewbush-whitehouse.archives.gov/ceq/foia/cei/2\\_arms\\_233.pdf](http://georgewbush-whitehouse.archives.gov/ceq/foia/cei/2_arms_233.pdf)

*For some reason, **Gorman** was forwarding **Sills'** earlier email, to many of the same people.*

**From:** Teresa Gorman [tagorman@cDmindspring.com]  
**Sent:** Wednesday, July 14, 2004 4:33 PM  
**To:** 'hsills'; Onley, Kameran L.; 'Aloysius **Hogan**'; andrew **wheeler**@epw.sefate.gov; 'Blood, Rebecca'; 'bob meyers'; 'Bryan Hannegan'; 'Bridget Walsh'; Stolpe, Elizabeth A.; 'George O'Connor'; 'Jay Morgan (E-mail)'; john.echerpc.senate.gov; 'josh jordan'; 'kevin kolevar'; 'larisa dobriansky'; lpickford@morganmeguire.com; 'Mac McLennan (NRECA) (E-mail)'; 'McLane Layton'; 'Michael Whatley'; **Cooney**, Phil; 'Rae Cronmiller (E-mail)'; 'Scott Aliferis (Email)'; 'steven meeks'; TimXavier@aol.com; Tongour@tongoursimpson.com; lem.smith@mail.house.gov; scottdefife@mail.house.gov; jack.victory@mail.house.gov; rebecca.hyder@mail.house.gov; alan.hill@mail.house.gov; michael.goo@house.mail.gov; 'Kasey Gillette'; 'Ditto, Joy'; john **shanahan**@epw.senate.gov; louis Renjel@epw.senate.gov  
**Subject:** RE: Invitation to **CHC** briefing by the authors of Taken By Storm, Thursday, 27th February, 2:30 PM, 406 Dirksen

--- original message ---

From: hsills (mailto:hsillsf@starpower.net)  
 Sent: Saturday, February 22, 2003 4:25 PM"

*(remainder of earlier message)*

### A.9.6 06/24/05 Email Ebell to Perhach (*and likely, others*) Barton/Whitfield Letters

[www.slideshare.net/whitehouse/cei-email-62405](http://www.slideshare.net/whitehouse/cei-email-62405)

**McGinley** is listed as Author (really PDF-maker) of the **Barton/Whitfield** letters, with creation dates:

[republicans.energycommerce.house.gov/108/Letters/062305\\_pachauri.pdf](http://republicans.energycommerce.house.gov/108/Letters/062305_pachauri.pdf)

Created 06/24/2005 4:11:21 PM

[republicans.energycommerce.house.gov/108/Letters/062305\\_mann.pdf](http://republicans.energycommerce.house.gov/108/Letters/062305_mann.pdf)

Created 06/24/2005 4:13:18 PM

[republicans.energycommerce.house.gov/108/Letters/062305\\_Bradley.pdf](http://republicans.energycommerce.house.gov/108/Letters/062305_Bradley.pdf)

Created 06/24/2005 4:13:18 PM

[republicans.energycommerce.house.gov/108/Letters/062305\\_hughes.pdf](http://republicans.energycommerce.house.gov/108/Letters/062305_hughes.pdf)

Created 06/24/2005 4:14:35 PM

[republicans.energycommerce.house.gov/108/Letters/062305\\_bement.pdf](http://republicans.energycommerce.house.gov/108/Letters/062305_bement.pdf)

Created 06/24/2005 4:15:07 PM

About 90 minutes later, **Ebell** had mailed a combined copy to **Perhach**.

*Late Friday afternoon, how did **Ebell** find/get these so quickly? Or did he have earlier copies?*

.At 5:47 PM **Ebell** emailed a copy of the letters to some BCC (Blinds Copy) list

(It looks addressed to himself, but this is a common way to send to a BCC list: place one's own email in the **To:** field.) In any case, one went to **Perlach** in the White House. His email mentions:

[energycommerce.house.gov/108/Letters/06232005\\_1570.htm](http://energycommerce.house.gov/108/Letters/06232005_1570.htm), the file location at that time – it has moved since. That appeared 06/24/05:

[web.archive.org/web/\\*/energycommerce.house.gov/108/Letters/06232005\\_1570.htm](http://web.archive.org/web/*/energycommerce.house.gov/108/Letters/06232005_1570.htm)

### A.9.7 06/29/05 Email Ebell to Perhach (*and likely, others*) on “McLieberman”)

[georgewbush-whitehouse.archives.gov/ceq/foia/cei/2\\_ex\\_3.pdf](http://georgewbush-whitehouse.archives.gov/ceq/foia/cei/2_ex_3.pdf)

“The viro pressure groups can spin this as much as they want and take out as many full-page advertisements as they can afford. The fact is that the big vote against McLieberman and the withdrawal of the Bingaman-NCEP amendment are tremendous defeats for the forces of darkness.”

## A.10 Notes on Wegman Report (WR, or [WEG2006])

[en.wikipedia.org/wiki/Edward\\_Wegman](http://en.wikipedia.org/wiki/Edward_Wegman) has good set of links  
[republicans.energycommerce.house.gov/108/home/07142006\\_Wegman\\_Report.pdf](http://republicans.energycommerce.house.gov/108/home/07142006_Wegman_Report.pdf)

### A.10.1 Plagiarism

[INFINITE THANKS TO DC ... *this might fairly be compared to the first report of the Watergate burglary*]  
**[DEE2009]** [deepclimate.org/2009/12/17/wegman-report-revisited](http://deepclimate.org/2009/12/17/wegman-report-revisited)  
**[DEE2009a]** [deepclimate.org/2009/12/22/wegman-and-rapp-on-tree-rings-a-divergence-problem-part-1](http://deepclimate.org/2009/12/22/wegman-and-rapp-on-tree-rings-a-divergence-problem-part-1)  
**[DEE2010]** [deepclimate.org/2010/01/06/wegman-and-rapp-on-proxies-a-divergence-problem-part-2](http://deepclimate.org/2010/01/06/wegman-and-rapp-on-proxies-a-divergence-problem-part-2)  
[en.wikipedia.org/wiki/Plagiarism](http://en.wikipedia.org/wiki/Plagiarism)

In academe, proven purposeful (or “malicious”) plagiarism has serious consequences. In normal research, people often argue with some reference by carefully citing it, then offer countervailing evidence. Plagiarism often occurs by laziness, where students or other copy work. Sometimes it is done to create unmerited credibility, but rarely is it done to simultaneously use a source to establish the appearance of knowledge and simultaneously try to discredit inconvenient statements from the source. I do not know a widely-accepted term for the following process, *for which “malicious” seems inadequate*. “Purposeful deception” will have to do. DC’s fine sleuthing uncovered the following process:

- 1) Start with an expert’s text, in this case Raymond S. Bradley’s classic textbook **[BRA1999]**.
- 2) Use a few (properly-cited) tables from it, and mention it a few places.
- 3) Copy several substantial sections without proper attribution. *Although this seems odd in a high-profile report highly critical of others’ behavior, accidents do happen, but...*
- 4) Paraphrase some sentences, and sometimes introduce errors or serious omissions that show clear lack of understanding. *That does not happen by accident.*
- 5) Change a few parts *to introduce extra uncertainty into discussions found inconvenient.*
- 6) Change important parts to actually invert meanings to something preferred, with zero justification or citation. Plagiarizers need some skill and knowledge to do this subtly, in this case well enough to escape notice for years. It is easier if the target audience is the general public. Even very smart people with good math backgrounds can get confused by such an approach. *Real experts (like Bradley) may have skimmed this seemingly-standard background material without looking too closely.*

To see 4), one need know nothing about tree rings, but can look at DC’s side-by-side PDFs and see classic purposeful plagiarism via direct copy, trivial rewordings or straightforward simplifications of textbook language. Given the serious consequences, the reader should verify that DC indeed used the right words from both **[WEG2006]** and **[BRA1999]**. I have copies of both and did so, but others should also.

For side-by-side comparisons, see:

**[DEE2009b]** [deepclimate.files.wordpress.com/2009/12/wegman-bradley-tree-rings.pdf](http://deepclimate.files.wordpress.com/2009/12/wegman-bradley-tree-rings.pdf)  
**[DEE2010a]** [deepclimate.files.wordpress.com/2010/01/wegman-bradley-ice-cores-corals1.pdf](http://deepclimate.files.wordpress.com/2010/01/wegman-bradley-ice-cores-corals1.pdf)

To see 5) one needs to understand a bit more, and read material that describes changes made to weaken Bradley’s text, but this is easily visible in the very first paragraph of DC’s side-by-side:

“and even carbon dioxide availability in the atmosphere. Obviously there are many confounding factors so the problem is to extract the temperature signal and to distinguish the temperature signal from the noise caused by the many confounding factors.”

Someone twice added “confounding factors” in the initial paragraph of tree-ring discussion, rather important to this whole topic. A casual reader might think paleoclimatologists were unaware of such factors. Bradley’s book has 600 pages, of which many discuss the methods for identifying and dealing with such issues. *That is what paleoclimatologists do, since they have to extract signal from ancient, noisy*

*data that cannot be gotten by rerunning experiments in a lab. This is difficult detective work.*

**Said** was still mentioning confounding factors in 2007(**A.11**, discussion of p.10).

For 6) more specific knowledge is needed, but on page 3 of [**DEE2009b**], DC showed a change that actually inverted an important conclusion. Bradley explains how low frequency information can be extracted from tree rings, but the **WR** says tree-rings are “not usually effective”. The end of page 3 shows:

“As pointed out earlier, many different sets of climatic conditions can and do yield similar tree ring profiles. Thus tree ring proxy data alone is not sufficient to determine past climate variables.”

This directly inverts Bradley, who explains the detailed calibration techniques used to deal with this issue. DC suggested other, more straightforward ice-core and coral plagiarism cases [**DEE2010**].

Finally, DC later found that some of the “social network” section in the **WR** also seemed plagiarized from Wikipedia and several other sources, such as Wasserman and Faust (1994). No paleoclimate knowledge is needed to assess the 4 side-by-side pages of:

[deepclimate.files.wordpress.com/2010/02/wegman-social-networks.pdf](http://deepclimate.files.wordpress.com/2010/02/wegman-social-networks.pdf)

### A.10.2 How did this text originate?

That is unclear, but **McIntyre & McKittrick (M&M)**, **P.Spencer (P.S)**, and **Wegman, Scott, Said (WP)** are obvious people to ask first on the paleoclimate elements. Of course, actions might have been taken by only one person in the groups that have 2 or 3. More people could be involved. Text had to be copied from Bradley’s book, be modified and finally be incorporated into the **WR**. Any of the following might occur, where the first one in the chain copied the text and the **Bold Underlined** one made the changes:

		<b><u>WP</u></b>	<b>1</b>
	P.S →	<b><u>WP</u></b>	<b>2</b>
	<b><u>P.S</u></b> →	WP	3
M&M →	→	<b><u>WP</u></b>	<b>4</b>
<b><u>M&amp;M</u></b> →	→	WP	5
M&M →	P.S →	<b><u>WP</u></b>	<b>6</b>
M&M →	<b><u>P.S</u></b> →	WP	7
<b><u>M&amp;M</u></b> →	P.S →	WP	8

**WP** (1, 2, 4, 6) implies the **WP** understood Bradley well enough to make the changes.

**P.S** (3, 7) implies **P.Spencer** knew enough, and **WP** just took his work.

**M&M** (5, 8) implies that **M&M** copied and modified and **WP** accepted it, directly or indirectly.

Cases 4 and 5 imply that **M&M** was working directly with **WP**, and they accepted it.

*I cannot know, but some people do, and perhaps they should be asked.*

*I have difficulty finding any of these 8 cases that are simultaneously independent, objective, and expert.*

*Perhaps I am missing one. Real experts are careful to evaluate credibility of their sources for areas in which they are not experts. Certainly, the tree-ring discussion was not expert.*

*Would **Barton** staffer **P.Spencer** happen to be an expert in this domain, and objective?*

However, [**SAI2007**] states that **P.S** sent **WP** a “daunting amount of material to review”. Obviously **M&M** had actually been studying this before, hence were familiar with Bradley, and knew enough to make changes. As discussed elsewhere, elaborate efforts were taken to make **WP** seem independent.

*Although **GMI2005a** had included some suggestion of social network issues, it seems more likely that any possible plagiarism of Wikipedia and Wasserman&Faust originated among others.*

The Wasserman and Faust book is cited in a later paper:

YH **Said**, EJ **Wegman**, WK Sharabati, JT **Rigsby**, “Social networks of author–coauthor relationships,” Computational Statistics & Data Analysis 52, Issue 4, 10 January 2008, 2177-2184.

### A.10.3 The Grey References

Since **P.Spencer** supplied many references, it can be instructive to study them and also wonder if he found these himself or got them from other(s). Deep Climate had some useful discussion of “grey literature”:

[deepclimate.org/2010/01/07/donald-rapp-more-divergence-problems](http://deepclimate.org/2010/01/07/donald-rapp-more-divergence-problems)

*Anti-science people try to get favorable pieces into credible peer-reviewed journals, but this rarely succeeds.* Common tactics to confuse the public include:

- A. Reference reports on think tank websites with official-sounding names.
- B. Reference books, which can of course say anything.
- C. Find a sympathetic editor. (see **De Freitas, Boehmer-Christiansen, Mason**)
- D. Find a naïve editor or one outside the field.
- E. Publish a reasonable paper on one topic, but that references grey papers to boost their visibility.
- F. Include many reasonable references, whether or not they are even properly used or even whether they say anything relevant. These can be hard to check out, but look impressive.
- G. Reference substantial numbers of OpEds or popular press articles.

None of this fools professionals, or even experienced nonprofessionals. *For example, E&E is really not taken seriously.* The Report lists 80 references (pp.52-59), of which I mention 10-15 that leapt out as odd, even to one (like me) not a climate scientist. *Some of these simply do not belong in a credible research effort. Some would be truly bizarre choices if done by an independent panel surveying literature, but could easily appear if someone pre-selected sources with a particular slant.* If I needed to convince someone that global warming was a hoax, I own a good list of books to feed them. From experience, many intelligent people can get pulled into a strange worldview in which physics no longer works.

If I were a climate scientist, I would know more of these papers offhand, and know whose work was strong and whose was not. Blogger “Eli Rabett” (a scientist) wrote:

[rabett.blogspot.com/2009/12/god-will-know-his-own.html](http://rabett.blogspot.com/2009/12/god-will-know-his-own.html)

“The literature has tended to inclusion because in small fields, everyone except the clowns, knows who the clowns are, and what the journal of last resort is. Email sped up the cycle in which problem papers are identified and subsequently ignored. In an expert oriented literature, the experts know what papers to ignore. Occasionally the error is subtle or so outrageous that a comment is needed and allowed by the embarrassed editors. Even less occasionally a bad paper raises serious issues that must be explored more thoroughly. In the past, when outsiders (governments, industries) needed an understanding of science, groups of experts were assembled and told to first figure it out and then to dumb it down, thus the various national research councils, the IPCC, NIH and FDA panels, etc.”

*Hence, a moderately-knowledgeable outsider may easily spot some truly bad references, but usually must work harder to know which are good. Scientists usually wait a bit before ascribing strong belief to really recent papers, especially if they offer startling results. IPCC uses cutoff dates, for example.*

*It would be nice to know who actually provided each reference.*

**p.52**

**“Academic Papers and Books”**

“Anderson, Richard G. (2006) “Replicability, real-time data, and the science of economic research: FRED, ALFRED, and VDC,” *Federal Reserve Bank of St. Louis Review*, 81-93.

Anderson, Richard G., Greene, William H., McCullough, Bruce D., and Vinod, H. D. (2005) “The role of data and program code archives in the future of economic research,” Federal Reserve Bank of St. Louis, Working Paper 2005-014B.”

*Are these two sources odd?. Despite the use of time-series, economics is not climate science.* The latter actually has to obey conservation laws and other well-known physics. The first paper argues for more

sharing and archiving, noting “Their recommendations are reproduced here because, although they sound scientific and sensible, most have been ignored in economic science.”

The second complains about lack of data archiving in economics, but includes a *seemingly-gratuitous* footnote attacking Mann. *With all due respect to economists, whereas the results of physics models tend to converge over time, it is not instantly clear that this happens the same way in economics, in which case it is especially important for the latter to show the code and data used to generate forecasts.* I have previously written about ways in which people with narrow computational experience sometimes over-generalize their experiences to other disciplines involved with computing:

[www.realclimate.org/index.php/archives/2008/09/simple-question-simple-answer-no/#comment-97878](http://www.realclimate.org/index.php/archives/2008/09/simple-question-simple-answer-no/#comment-97878)

*“Working paper at Federal Reserve” is not most people’s idea of an academic paper. With all due respect to the relevance of economics to policy, might it be wise to know a little more about the science before writing about it. Why are these here?*

[ideas.repec.org/a/fip/fedlr/y2006ijap81-93nv.88no.1.html](http://ideas.repec.org/a/fip/fedlr/y2006ijap81-93nv.88no.1.html)

[ideas.repec.org/p/fip/fedlwp/2005-014.html](http://ideas.repec.org/p/fip/fedlwp/2005-014.html)

#### p.54

“Center for Science and Public Policy (2005) “Climate change and the insurance industry: A critical look at the Cere report - Availability and affordability of insurance under climate change, a growing challenge for the U.S.” The Center for Science and Public Policy, October 28, 2005.”

*That is worse than odd. I make no comment on the quality of the report itself, which is:*

[ff.org/centers/csspp/pdf/ceres.pdf](http://ff.org/centers/csspp/pdf/ceres.pdf)

*That source is **CSPP**, an **ExxonMobil** funded center within **FF**, run by **Ferguson**. Either they got this from **P.Spencer** or found it themselves. In either case, how “expert” is it to include a paper from such a source, treating it as an academic paper?*

#### p.55

“Lindzen, Richard (2005) “Understanding common climate claims,” to appear *Proceedings of the 2005 Erice Meeting of the World Federation of Scientists on Global Emergencies*”

**Lindzen**’s views were well-known, and this paper was not for climate scientists:

[www.geocraft.com/WVFossils/Reference\\_Docs/Lindzen\\_2005\\_Climate\\_Claims.pdf](http://www.geocraft.com/WVFossils/Reference_Docs/Lindzen_2005_Climate_Claims.pdf)

It certainly does reference **M&M**. It also references **Singer**’s claims about Revelle, **Happer**’s claims about politicization of science, and a **Soon** paper in **E&E**. This paper offers “Republicans versus sunspots” chart (p.8) *Again, did **P.Spencer** feed this to them, or did they find this obscure source?*

#### p.56

*Given the topic, it was likely necessary to reference the next two, but normally, **E&E** is considered “grey literature” or “journal of last resort for out-of-mainstream papers.” Major journals publish papers they think actually matter. Did the statisticians not know about **E&E**?*

“McIntyre, Stephen and McKittrick, Ross (2003) “Corrections to the Mann et al. (1998) proxy data base and Northern hemispheric average temperature series,” *Energy and Environment*, 14, 751-771.

McIntyre, Stephen and McKittrick, Ross (2005a) “The M&M critique of MBH98 Northern hemisphere climate index: Update and implications,” *Energy and Environment*, 16(1), 69-100.”

#### p.57

**IPCC** is listed equal to Newsweek articles, and four popular press articles discuss global cooling around 1975. A common anti-science meme is “Scientific consensus predicted impending ice age in the 1970s”, meaning scientists were wrong. *It didn’t and they weren’t.*

[www.skepticalscience.com/ice-age-predictions-in-1970s.htm](http://www.skepticalscience.com/ice-age-predictions-in-1970s.htm)

[ams.allenpress.com/perlserv/?request=get-abstract&doi=10.1175%2F2008BAMS2370.1](http://ams.allenpress.com/perlserv/?request=get-abstract&doi=10.1175%2F2008BAMS2370.1)

*Such popular articles are irrelevant to the hockey stick discussion.*

*Does this report really need more articles by **Lindzen (WSJ)**, **Legates (Financial Post)**, and **Michaels (Washington Times)**?*

*Did they believe **Crok**? Why? He had studied chemistry, but from Google Scholar had never published any peer-reviewed papers. He was Editor-in-Chief of a tennis magazine, and (2003-2009) a science writer for NWT, a Dutch popular science magazine. However, he was in contact with **McIntyre** by 1Q05. Did **M&M** provide it to **WP**, either directly or through **P.Spencer**? Is there any other plausible explanation? The reference is not to the original Dutch version, but to an English translation, hosted at **McKitrick**'s website, mentioned by **McIntyre**:*

[climateaudit.org/2005/03/04/german-translation-of-marcel-croks-article-with-new-comments](http://climateaudit.org/2005/03/04/german-translation-of-marcel-croks-article-with-new-comments)  
[www.uoguelph.ca/~rmckitri/research/Climate\\_L.pdf](http://www.uoguelph.ca/~rmckitri/research/Climate_L.pdf)

### Other Literature Including Articles in the Popular Press

“Colligan, Douglas (1973) “Brace yourself for another ice age,” *Science Digest*, 73(2), 57-61.

“Crok, Marcel (2005) “Proof that mankind causes climate change is refuted: Kyoto protocol based on flawed statistics,” *Natuurwetenschap & Techniek*, February 2005.

Gwynne, Peter (1975) “The cooling world,” *Newsweek*, April 28, 1975.

Intergovernmental Panel on Climate Change (2001) *Climate Change 2001: Third Assessment Report*, IPCC (Especially Chapter 2: “Observed climate variability and change,” Folland C. K. and Karl, T. R., coordinating lead authors).

**Legates**, David (2005) “Where’s the data?: holding science to prospectus standards would stop climate researchers from launching misrepresentations like the ‘Hockey Stick’,” *Financial Post*, September 20, 2005.

**Lindzen**, Richard (2001) “Scientist’ report doesn’t support the Kyoto Treaty,” *Wall Street Journal*, June 11, 2001.

**Michaels**, Patrick J. and **Douglass**, David H. (2004) “Global-warming sciences meltdown,” *Washington Times*, Aug 16, 2004, page A17.

Muller, Richard (2004) “Global warming bombshell,” *MIT Technology Review*, [www.technologyreview.com/BizTech/wtr\\_13830,296,p1.htm](http://www.technologyreview.com/BizTech/wtr_13830,296,p1.htm)

Sullivan, Walter (1975a) “Scientists ask why world climate is changing: Major cooling may be ahead,” *The New York Times*, p. 92, May 21, 1975.

Sullivan, Walter (1975b) “Climatic changes by aerosols in atmosphere feared,” *The New York Times*, pg. 1, September 14, 1975.”

### Presentations

**p.57**“McIntyre, Stephen and McKitrick, Ross (2005) “The Hockey Stick Debate: Lessons in Disclosure and Due Diligence,” September 7, 2005

*Does that seem a proper citation? As it happens, it was a presentation at **GMI**, never mentioned anywhere in the **WR**. **M&M** were both **GMI** “Experts”, but that affiliation did not appear either.*  
[www.marshall.org/pdf/materials/316.pdf](http://www.marshall.org/pdf/materials/316.pdf) [**GMI2005a**].

*Does this scholarship seem up the normal standards of distinguished academics?*

#### A.10.4 Statistics and Statisticians - Opinions

This is not yet another rehash of the old arguments. It just background, so the reader might easily skip it. I offer general comments derived from trying to model my thinking after John Tukey [TUK1977], one of the world's greatest statisticians, who long worked at Princeton and Bell Labs. The latter used statistics extensively. It employed world-class statisticians whose jobs also included helping many others do better statistics. He was a strong proponent of balancing well-known confirmatory statistics with exploratory data analysis, on which much science depends. Some of my favorite quotes of his are, via:

[en.wikiquote.org/wiki/John\\_Tukey](http://en.wikiquote.org/wiki/John_Tukey)

"The combination of some data and an aching desire for an answer does not ensure that a reasonable answer can be extracted from a given body of data."

"Far better an approximate answer to the right question, which is often vague, than an exact answer to the wrong question, which can always be made precise."

Since he is deceased, we cannot ask him what he would have thought about {MBH98, MBH99, MM05, WR}. I worked at Bell Labs 1973-1983, as an MTS and then Supervisor. Papers to be published externally first needed reviews by 2 other divisions, and those reviews were widely regarded as tougher than external peer review in good journals. Papers went up the authors' management chain to Executive Director, then to two other Executive Directors, in whose organizations reviewers were found. Reviews returned through those EDs, back to one's own ED, and then down through the management chain to the author(s). I once approved a (very negative) review by one of my subordinates, which caused my ED to write a note to the authors' ED saying "Once again, I am forced to reject a paper that my people think is junk, and I agree." Negative letters, passed through the authors' entire management chain, were not usually viewed as career plusses. Papers with substantial statistics inevitably got reviewed by Tukey or his associates, so his worldview was known.

*I guess that he would have thought MBH98/99 got reasonable, if approximate answers, even if some statistics were flawed, because the flaws didn't really make a significant difference. Those papers helped point the way for further research that generally confirmed and refined the earlier work. Statistical methods improved meanwhile. I think he would have found successive paleoclimate reconstructions to be good, interesting science and fascinating examples of extracting signal from noise, a subject in which he had some expertise.*

Tukey cared deeply about using statistics to help science find better answers. *I think he would be utterly appalled at endless wallowing in statistical minutiae in ways guaranteed to obscure insight, especially years after real science had moved on. Of course, all this is just my opinion and it could be totally wrong, but if someone disagrees without exposure to him, they should try reading the first few pages of that book, still a classic, even if paper-and-pencil have been supplanted by computers.*

*I have long heard complaints from statisticians about not getting consulted enough. In fact, that is often a legitimate complaint. I have personally fought a long, partially-successful battle to introduce more statistical methods into one of my old fields, computer architecture. However, most places, especially universities, lack enough statisticians to spend much time in long domain-specific joint analyses, although many statistics departments admirably provide some outreach and statistical support for others. Academic statisticians often publish in statistics journals, not unfamiliar ones where paleoclimate reconstructions might appear. Universities rarely insist on multiple-department internal review before allowing submission of a paper externally. Even if they did, nobody has the time to do that often.*

*Bell Labs was rare in having world-class statisticians who not only did their own research, but helped other employees, reviewed papers, and built tools to help non-statisticians do better statistics. (John Chambers' S, predecessor of R, came from the same organization as Tukey.) I would be ecstatic to see higher statistical literacy and skill, but sometimes statisticians also need more context about the science. Not understanding the science may well be more problematic than not being perfect on the statistics.*

## A.11 Yasmin H. Said Presentation Sept 7, 2007

“Experiences with Congressional Testimony: Statistics and the Hockey Stick” 27 pages.  
[www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf](http://www.galaxy.gmu.edu/stats/colloquia/AbstractsFall2007/TalkSept7.pdf) [SAI2007]

*[THANKS TO DC for leading me to this.] This offered good information in a convenient package, although I think enough evidence existed to think there was a problem, and the rest would have appeared under testimony. **Said** is obviously intelligent, but I am afraid she was astonishingly naïve and perhaps over-confident to have given this talk and leave it available..*

*I’ve tried to select interesting pieces and trim irrelevant lines for space. **Emboldening** is mine. Ideally, the reader should look at that presentation and see if the following comments seem fair.*

### p.3 “Background”

“Dr. Edward **Wegman** was approached by Dr. Jerry **Coffey** on 1 September 2005 concerning possible testimony in Congress about a statistical issue associated with paleoclimate reconstruction.

- This approach was based on independent recommendations from Dr. Fritz Scheuren, ASA 100th President and from the National Academy of Science where Dr. **Wegman** chaired CATS.
- After the initial contact, Dr. **Wegman** received materials and a visit from Congressional Staffer Peter Spencer.”

*Why go through **Coffey**, who had very strong views about politics and climate?*

*Why wasn’t an independent panel sought directly through ASA or NAS?*

***Said** is young, so perhaps she does not realize this is a bit odd. How about **Wegman**?*

### p.4 Background

“– Peter **Spencer** explained that the House Committee on Oversight and Investigations was interested in understanding whether the criticism of the paleoclimate temperature reconstruction published by Dr. Michael Mann and his associates was meritorious.

- This curve was used in the 2001 Intergovernmental Panel on Climate Change (IPCC) to reinforce concerns about global warming.
- There had been some criticism of the statistical methodology, but this was not being taken seriously within the climate change community.”

*Was the House Committee really interested in whether or not **M&M**’s criticisms were meritorious? I.e., were they really interested in science, or something else?*

*I have the IPCC TAR and have read much of it. MBH98/MBH99 were two amidst a vast number of peer-reviewed science papers. Did **Said** not understand how **P.Spencer** was framing this issue oddly? The MBH99 chart was surely used, not because it was the sole key pillar of evidence, but because it happened to have a graphic understandable to the general audience, unlike most others analyses.*

*Do real scientists normally bother going back to 6-year-old papers, whose results have been supplanted by later papers, and generally confirmed, and then obsess over them? The criticism was mainly from **M&M**. If this was an analysis of the statistics, why did so much of the **WR** cover social networks? And why were so many irrelevant-to-statistics “grey literature” references included?*

### p.5 “Background”

“– Because of the public policy implications, the House Committee wanted an independent expert opinion.

- Dr. **Wegman** was asked if he would be willing to take on this task and would he form a small team to look into the issue.
- He agreed and recruited Dr. David W. **Scott** and me as well as one other participant, who later dropped out.
- We were warned that we should be prepared for criticism and that we should have thick skins.
- **Peter Spencer** began sending us a daunting amount of material for us to review over the next 9 months.”

*Exactly what policy implications does she mean? The Earth's climate going forward is determined by conditions now, (physics, chemistry and biology), and future human choices.*  
*Our knowledge of the 1000AD helps better constrain uncertainty, but has zero effect on what happens next.*  
*Is this a setup for "IF this paper is proved wrong, we can ignore IPCC and global warming?"*  
*Did **Barton/Whitfield** really want an independent, expert opinion? Or just one that looked like that?*  
*Who was the other participant? It might be nice to talk to them.*  
*Criticism: Does that presuppose the (desired to **Barton/Whitfield**) outcome)?*  
**Spencer began sending us daunting amount of material.**  
*Did **Wegman, Scott, and Said** never wonder whether **P.Spencer's** selection of material was objective?*  
*Was **P.Spencer** an expert? Was he getting his material from someone else? Who?*

## p.6 "Background"

- Our approach was to serve as an honest broker and we made every attempt to approach the issue with an unbiased perspective.
- **None of our team had any real expertise in paleoclimate reconstruction**, but were arguably pretty good statisticians.
- The debate had become very polarized with Dr. Mann and his colleagues referred to as the "Hockey Team."
- His main adversaries were Steve McIntyre and Ross McKittrick, both Canadian citizens, who were usually unkindly referred to as the "Canadians."
- We saw ourselves as the "Referees" in the Hockey Game.
- The debate to a large extent was going on in weblogs
- www.realclimate.org vs [www.climateaudit.org](http://www.climateaudit.org).

*See A.10.2 Plagiarism and A.10.3 References regarding "unbiased." Did **Said** really believe what she was saying? Did she have even the slightest understanding of the back-history leading to "polarization"? Does anyone find any evidence of unconscious slant in this description? (I.e., "Hockey Team" versus "unkindly referred"?)*

## p.6 "Background"

- "We agreed to serve Pro Bono.
- To avoid the perception that we were "bought" by the Republican Congress.
- To preserve our independence of either side of the debate.
- To avoid being coerced into a schedule that would be inconsistent with our other duties"

*Are people "bought" only by money? Around Washington, DC? Anywhere?*  
*How is getting much of the material from **P.Spencer** being independent? Working with **McIntyre**?*  
*There was no time pressure, because "Under investigation" is a good talking point.*

## p.6 "Background"

- "The fundamental question was "Were the Canadians correct in the critique of the Hockey Team?"
- The 1990 IPCC report showed a very different curve with a warmer-than-current period from 1000 to about 1450."

*I think the fundamental question was carefully misframed to the **WP**, because this is like going back 10 years and auditing company books for differences of a few dollars.*

The 1990 IPCC Report showed a curve from Central England, the best they had then. Research had progressed substantially. *Where is the expertise in showing a long-obsolete 15-year-old chart?*

## p.10 “Preliminaries”

“...• There are many confounding factors....”

*See A.10.1. Once again, an admitted non-expert emphasized confounding factors.*

## p.10 “What we did”

“Reviewed some 127 technical papers related to paleoclimate reconstruction.

- Demonstrated mathematically that the Mann et al. procedure introduces a bias that preferentially selects “hockey stick” shapes.
- Demonstrated computationally that correct centering reduces or eliminates the hockey stick shape.””

*But they didn't do what someone like Tukey would have done (see [TUK1977] Preface), check to see if this made any difference. It didn't, and their analysis seems to have had errors as well:*

[www.realclimate.org/index.php/archives/2006/07/the-missing-piece-at-the-wegman-hearing](http://www.realclimate.org/index.php/archives/2006/07/the-missing-piece-at-the-wegman-hearing)

[www.realclimate.org/index.php/archives/2006/08/followup-to-the-hockeystick-hearings](http://www.realclimate.org/index.php/archives/2006/08/followup-to-the-hockeystick-hearings)

[www.realclimate.org/wiki/index.php?title=The\\_hockey\\_stick\\_is\\_broken](http://www.realclimate.org/wiki/index.php?title=The_hockey_stick_is_broken)

[www.meteo.psu.edu/~mann/house06/HouseFollowupQuestionsMann31Aug06.pdf](http://www.meteo.psu.edu/~mann/house06/HouseFollowupQuestionsMann31Aug06.pdf)

## p.17 “What we did and did not say”

- “– We never suggested that there was not global warming.
- We did say that important public policy decisions depending on statistical analysis should have the benefit of expert statisticians.
- We did say that the Mann et al. methodology was faulty from a statistical perspective.
- We did say, in essence, that the criticisms of McIntyre and McKittrick were valid.”

*Was Said inexperienced enough to believe this? How about the others? They had just produced a report widely trumpeted as having discredited the global warming, the IPCC, and Mann. Most real climate scientists did not believe that for an instant, but it was good PR. The WP seemed willing to have been willing to argue about low-level statistical details without understanding the science context.*

## p. 19 “Some reactions”

“From Congress

- The Republicans liked our findings.
- It was interpreted as vindicating their skepticism on climate change although we never took a position on climate change.
- We were called great patriots by Congressman Joseph Barton.
- The Democrats didn't.
- In preliminary discussions, we were pressed hard not to testify on the social network analysis.
- Social network analysis was treated with great skepticism, even to the point of questioning us as to whether we had made this science up.
- We were repeatedly asked to testify on whether anthropogenic global warming was real or not.”

*Wegman was listed on the BALI2007 letter, so if he actually signed that, he did not believe anthropogenic global warming was real, at least by 2007.*

**p. 20 “Some reactions”**

“From Congress

– The Democrats didn’t.

- During the second hearing, then Democratic Congressman Henry Waxman made a sustained attack on Dr. Wegman’s creditability without allowing him to respond.
- Fortunately, Dr. Ralph Cicerone, President of the National Academies was asked if Dr. Wegman were credible and he answered affirmatively.
- Subsequent to the second testimony, Democratic Congressman Bart Stupak sent a letter of inquiry to us asking for additional written testimony. This was obviously coached by the “Hockey Team” asking very detailed statistical questions.
- Our response was an additional 35 pages long.”

*Was there no “coaching” (direct or indirect) from the Canadians? See A.10.1-A.10.3.*

*The WR was fairly clear (p.28):*

“We have been to Michael Mann’s University of Virginia website and downloaded the materials there.

Unfortunately, we did not find adequate material to reproduce the MBH98 materials. We have been able to reproduce the results of McIntyre and McKittrick (2005b). While at first the McIntyre code was specific to the file structure of his computer, with his assistance we were able to run the code on our own machines and reproduce and extend some of his results.”

**p. 21 Some reactions**

“From the Media

– Pro

- Wall Street Journal ran an editorial called “Hockey Stick Hokum.”

– Con

- NPR ran sound bites quoting Dr. Wegman’s honest testimony that he was not a climatologist, implying that he was not qualified to speak to the statistical issues.
- Other negatives included New York Times, Chronicle of Higher Education, Washington Post and Scientific American.
- All looked at the testimony superficially and assumed that finding statistical flaws was tantamount to denying global warming.”

*The Panel complained that paleoclimate people needed statistical help. Is it fair to say that the panel needed some serious science help but spent time in statistical details losing the big picture?*

*How about the plagiarized text in the WR? How did that happen?*

*Did Said understand the difference between science and PR?*

**p. 22” Some reactions”**

“From the Media

– Fun facts

- The testimony was noted by newspapers as far away as Germany, England and Australia.
- We were interviewed on Saudi Arabian television on this topic.
- The report, popularly referred to as the “Wegman Report” was widely commented upon on the Web.
- Googling “Wegman Report” returned more than 15,000 pages containing that phrase.
- This testimony resulted in a page in Wikipedia being developed on Dr. Wegman.”

*Was this widespread PR unintended? The WR is still quoted in support of McIntyre, as late as in A.CRU.Parl.*

**p. 23 “Some reactions”**

“Invitations

– Good ones

- We were invited to participate in a workshop at the National Center for Atmospheric Research – pro anthropogenic global warming.

- We were invited to participate in a workshop by the **Marshall Institute** – anti anthropogenic global warming.

- We were invited by the **Annapolis Center for Science- Based Public Policy** to participate in a workshop on peer review.

– Bad Ones

- We were invited by the Provost, the Dean of the College of Science, and the Vice President for Research at GMU to explain our testimony.”

*Did she not understand the nature of **GMI** and **AnnapCtr**? Are they comparable to NCAR? Did she understand their funding?*

**p. 24 “Some reactions”**

“Writing Invitations

– Papers

- Statistical Science – on the hockey stick – not yet completed.

- Chance – on the Al Gore film, Inconvenient Truth – not yet completed.

- Computational Statistics and Data Analysis – on coauthor social networks – accepted for publication.

– Book

- By Wiley – The Heated Debate – under contract.”

*For someone 2 years past PhD, this was not a bad outcome. However, her recent research seems to have gone in quite different directions. The book has not yet appeared.*

**p. 25 “Some reactions”**

“My Reactions

– Incredibly time consuming for no pay

- Great visibility

- No pay

– Almost deliberate misunderstanding by the press

- Hear what they want to hear, not what we said on both sides of the climate change debate.

– Almost personal attacks on the weblogs and by Congressmen very disappointing

- Credibility challenged, even personal attributes and manner of speaking remarked on.

– I would do it again.

- It was most interesting experience, but can’t afford to do it too often.”

*This seems a fair assessment. Of course, many young academics would leap at such visibility like this, with speaking requests and book contracts. Attacks on personal attributes do seem unfair to me.*

**p. 26 Some Contacts**

*She shows pictures with **Barton**, **Whitfield**, **P.Spencer**, **Paoletta**, **Dyson**, picture of George Bush.*

***My Summary Opinion.***

*Would anyone who really understood what was happening give this talk, and then leave it up on the Web?*

*She was the junior member of a team led by her Dissertation Advisor, patron and frequent co-author*

**Wegman**. *But there are many questions to ask her about how this all really worked.*

*I am honestly sorry for her, for if further hearings occur, they probably will not be so enjoyable.*

## A.12 Miscellaneous Documents and Emails 2008-2010

### A.12.1 Letter to Congress, 07/09/09 [www.marshall.org/article.php?id=727](http://www.marshall.org/article.php?id=727)

**“Marshall Institute’s Dr. William Happer Signs Open Letter to Congress Challenging Climate Change Science** July 9, 2009

Dr. William Happer - Marshall Institute Board Member and Professor of Physics at Princeton University - was among many distinguished scientists asking Congress to dismiss alarmist climate change science. The open letter to Congress noted that the Earth has been cooling for a decade and proposed legislation to mandate significant reduction in greenhouse gas emissions would cause enormous harm to the U.S. economy. Below is a reprint of the letter.

**Open Letter to Congress by a team of prominent atmospheric scientists.**

**TO THE CONGRESS OF THE UNITED STATES: YOU ARE BEING DECEIVED ABOUT GLOBAL WARMING**

You have recently received an Open Letter from the Woods Hole Research Center, exhorting you to act quickly to avoid global disaster. The letter purports to be from independent scientists, but that Center is the former den of the President's science advisor, John Holdren, and is far from independent. This is the same science advisor who has given us predictions of “almost certain” thermonuclear war or eco-catastrophe by the year 2000, and many other forecasts of doom that somehow never seem to arrive on time. The facts are:

**The sky is not falling; the Earth has been cooling for ten years, without help.** The present cooling was NOT predicted by the alarmists' computer models, and has come as an embarrassment to them.

The finest meteorologists in the world cannot predict the weather two weeks in advance, let alone the climate for the rest of the century. Can Al Gore? Can John Holdren? We are flooded with claims that the evidence is clear, that the debate is closed, that we must act immediately, etc, but in fact

THERE IS NO SUCH EVIDENCE; IT DOESN'T EXIST.

The proposed legislation would cripple the US economy, putting us at a disadvantage compared to our competitors. For such drastic action, it is only prudent to demand genuine proof that it is needed, not just computer projections, and not false claims about the state of the science.

SCIENCE IS GUIDED BY PROOF, NOT CONSENSUS

Finally, climate alarmism pays well. Alarmists are rolling in wealth from the billions of dollars floating around for the taking, and being taken. It is always instructive to follow the money.

Robert H. **Austin**

Professor of Physics

Princeton University

Fellow APS, AAAS; American Association of Arts and Science Member National Academy of Sciences

William **Happer**

Cyrus Fogg Brackett Professor of Physics

Princeton University

Fellow APS, AAAS; Member National Academy of Sciences

S. Fred **Singer**

Professor of Environmental Sciences Emeritus, University of Virginia

First Director of the National Weather Satellite Service

Fellow APS, AAAS, AGU

Roger W. **Cohen**

Manager, Strategic Planning and Programs, **Exxon Mobil** Corporation (retired); Fellow APS

Harold W. **Lewis**

Professor of Physics Emeritus

University of California at Santa Barbara

Fellow APS, AAAS; Chairman, APS Reactor Safety Study

Laurence I. **Gould**

Professor of Physics

University of Hartford

Chairman (2004), New England Section of APS

Richard **Lindzen**

Alfred P. Sloan Professor of Meteorology

Massachusetts Institute of Technology

Fellow American Academy of Arts and Sciences, AGU, AAAS, and AMS

Member Norwegian Academy of Science and Letters; Member National Academy of Sciences”

## Commentary on A.12.1

*Was this an attempt to mislead Congress?*

“That center is the former den of the President’s Science Advisor John Holdren...”

*“Den? Does the reader find that appropriate language in a letter to Congress?”*

**“The sky is not falling; the Earth has been cooling for ten years, without help.** The present cooling was NOT predicted by the alarmists’ computer models, and has come as an embarrassment to them.”

“The Earth has been cooling for 10 years” *only if one is a statistical illiterate regarding noisy time series, and cannot understand even simple regression analyses.* A time series with inter-annual variation 5-10X larger than average annual trend must have multiple year counter-trend sequences. Assuming one uses proper regression analyses, rather than drawing lines between endpoints, no statistically-significant decadal downtrends have been seen for several decades, even if one cherry-picks the exceptional 1998 El Nino year as the start year. For the last few decades, every decade has been warmer than the previous.

Climate models are boundary-value problems, not initial-value problems like weather prediction. They provide ensembles of results to model large-scale and longer-term average behavior. They worry about 20-30-year trends, long enough to see the signal amidst the noise.

*It is simply incredible that competent Physics PhDs would not understand all this. Two of them demonstrably know enough climate science to know how wrong this is.*

*If anyone is somehow doubtful, see any of many examples that patiently explain this again and again.:*

[scitation.aip.org/journals/doc/PHTOAD-ft/vol\\_60/iss\\_1/72\\_1.shtml](http://scitation.aip.org/journals/doc/PHTOAD-ft/vol_60/iss_1/72_1.shtml) boundary value, initial value

[en.wikipedia.org/wiki/Trend\\_estimation](http://en.wikipedia.org/wiki/Trend_estimation) really basic

[www.skepticalscience.com/global-cooling.htm](http://www.skepticalscience.com/global-cooling.htm) really basic, climate-specific

[tamino.wordpress.com/2009/12/07/riddle-me-this](http://tamino.wordpress.com/2009/12/07/riddle-me-this) tamino, in real life, does much time series work

[www.skepticalscience.com/global-warming-stopped-in-1998.htm](http://www.skepticalscience.com/global-warming-stopped-in-1998.htm) really basic. climate-specific

[capitalclimate.blogspot.com/2009/04/it-hasnt-warmed-since-1998.html](http://capitalclimate.blogspot.com/2009/04/it-hasnt-warmed-since-1998.html) see simulation at bottom

[scienceblogs.com/deltoid/2009/06/always\\_click\\_on\\_the\\_links.php#comment-1688982](http://scienceblogs.com/deltoid/2009/06/always_click_on_the_links.php#comment-1688982)

[moregrumbinescience.blogspot.com/2009/01/results-on-deciding-trends.html](http://moregrumbinescience.blogspot.com/2009/01/results-on-deciding-trends.html)

[i41.tinypic.com/2uzw93b.jpg](http://i41.tinypic.com/2uzw93b.jpg) dark red line gives linear regression slopes for 10-year intervals

[tamino.wordpress.com/2008/12/31/stupid-is-as-stupid-does](http://tamino.wordpress.com/2008/12/31/stupid-is-as-stupid-does)

“It is always instructive to follow the money.”

For at least 4 of the 7 signers above, oil is involved, directly or indirectly. **Happer** Chairs **GMI**. **Cohen** worked for ExxonMobil. **Singer’s Sepp** has gotten some funding from **ExxonMobil**. Both **Singer** and **Lindzen** have consulted for think tanks at least partially funded, directly or indirectly by ExxonMobil or oil-wealth-based family foundations. It is nontrivial to follow all that money, especially compared to the straightforward, open research grants that fund most climate research.

### A.12.2 Letter to US Senate, 10/29/09

“On 10/21/09, 18 science societies wrote a letter to US Senators:

[www.aaas.org/news/releases/2009/media/1021climate\\_letter.pdf](http://www.aaas.org/news/releases/2009/media/1021climate_letter.pdf)

On 10/29/09, 5 of the 6 organizers “replied” with the following letter, shown below:

[www.openletter-globalwarming.info/Site/Letter\\_to\\_Senate.html](http://www.openletter-globalwarming.info/Site/Letter_to_Senate.html)

#### **A Gaggle is Not a Consensus**

You have recently received a letter from the American Association for the Advancement of Science (AAAS), purporting to convey a “consensus” of the scientific community that immediate and drastic action is needed to avert a climatic catastrophe.

We do not seek to make the scientific arguments here (we did that in an earlier letter, sent a couple of months ago), but simply to note that the claim of consensus is fake, designed to stampede you into actions that will cripple our economy, and which you will regret for many years. There is no consensus, and even if there were, consensus is not the test of scientific validity. Theories that disagree with the facts are wrong, consensus or no.

We know of no evidence that any of the “leaders” of the scientific community who signed the letter to you ever asked their memberships for their opinions, before claiming to represent them on this important matter.

We also note that the American Physical Society (APS, and we are physicists) did not sign the letter, though the scientific issues at stake are fundamentally matters of applied physics. You can do physics without climatology, but you can’t do climatology without physics.

The APS is at this moment reviewing its stance on so-called global warming, having received a petition from its membership to do so. That petition was signed by 160 distinguished members and fellows of the Society, including one Nobelist and 12 members of the National Academies. Indeed a score of the signers are Members and Fellows of the AAAS, none of whom were consulted before the AAAS letter to you.

Professor Hal Lewis, University of California, Santa Barbara

Professor Fred Singer, University of Virginia

Professor Will Happer, Princeton University

Professor Larry Gould, University of Hartford

Dr. Roger Cohen, retired Manager, Strategic Planning, ExxonMobil

List of 160 signers of the APS petition available at [tinyurl.com/lg266u](http://tinyurl.com/lg266u)”

### Commentary on A.12.2

*Was this an attempt to mislead Congress?*

The letter above was up on **Morano**’s Climate Depot by 11/02/09, entitled:

“Team of Scientists’ Open Letter to U.S. Senators: ‘Claim of consensus is fake”:

[climatedepot.com/a/3606/Team-of-Scientists-Open-Letter-To-US-Senators-Claim-of-consensus-is-fake](http://climatedepot.com/a/3606/Team-of-Scientists-Open-Letter-To-US-Senators-Claim-of-consensus-is-fake)

and starting to be spread via various blogs. As of 11/02/09 it was early for many search engines to have indexed this, but **A.5** has some examples, and it was likely dozens would exist shortly. They did.

By 12/05/09, the following search got numerous hits: scientists senators claim consensus fake

### A.12.3 Email to some set of APS members, 12/04/09

Some unspecified set of APS members received the following. At least two posted it quickly, and then it propagated. See A.5 for another dozen posted by 12/07/09.

[infoproc.blogspot.com/2009/12/climategate-and-american-physical.html](http://infoproc.blogspot.com/2009/12/climategate-and-american-physical.html)

[www.technologyreview.com/blog/post.aspx?bid=354&bpid=24483#comment-215342](http://www.technologyreview.com/blog/post.aspx?bid=354&bpid=24483#comment-215342) (copy of previous)

[rabett.blogspot.com/2009/12/dear-fellow-member-of-american-physical.html](http://rabett.blogspot.com/2009/12/dear-fellow-member-of-american-physical.html)

"This is a matter of great importance to the integrity of the Society. It is being sent to a random fraction of the membership, so we hope you will pass it on.

By now everyone has heard of what has come to be known as Climategate, which was and is an international scientific fraud, the worst any of us have seen in our cumulative 223 years of APS membership. For those who have missed the news we recommend the excellent summary article by Richard Lindzen in the November 30 edition of the Wall Street Journal, entitled "The Climate Science isn't Settled," for a balanced account of the situation. It was written by a scientist of unquestioned authority and integrity. A copy can be found among the items at [www.openletter-globalwarming.info/Site/open\\_letter.html](http://www.openletter-globalwarming.info/Site/open_letter.html), and a visit to [www.ClimateDepot.com](http://www.ClimateDepot.com) can fill in the details of the scandal, while adding spice.

What has this to do with APS? In 2007 the APS Council adopted a Statement on global warming (also reproduced at the tinyurl site mentioned above) that was based largely on the scientific work that is now revealed to have been corrupted. (The principals in this escapade have not denied what they did, but have sought to dismiss it by saying that it is normal practice among scientists. You know and we know that that is simply untrue. Physicists are not expected to cheat.)

We have asked the APS management to put the 2007 Statement on ice until the extent to which it is tainted can be determined, but that has not been done. We have also asked that the membership be consulted on this point, but that too has not been done.

None of us would use corrupted science in our own work, nor would we sign off on a thesis by a student who did so. This is not only a matter of science, it is a matter of integrity, and the integrity of the APS is now at stake. That is why we are taking the unusual step of communicating directly with at least a fraction of the membership.

If you believe that the APS should withdraw a Policy Statement that is based on admittedly corrupted science, and should then undertake to clarify the real state of the art in the best tradition of a learned society, please send a note to the incoming President of the APS [ccallan@\\*\\*\\*\\*\\*.edu](mailto:ccallan@*****.edu), with the single word YES in the subject line. That will make it easier for him to count.

Bob Austin, Professor of Physics, Princeton

Hal Lewis, emeritus Professor of Physics, University of California, Santa Barbara

Will Happer, Professor of Physics, Princeton

Larry Gould, Professor of Physics, Hartford

Roger Cohen, former Manager, Strategic Planning, ExxonMobil

### Commentary on A 12.3.

Words like “international scientific fraud, the worst any of us has seen”, “cheat” are fairly strong, *perhaps might even be considered defamatory*.

The APS reviewed the Petition, explicitly rejected it, and passed it to the appropriate committee (POPA) for the next step. Presumably, APS members could make their wishes known to POPA, but that did not seem good enough. *The organizers (interestingly missing **Singer**) now seemed to try to bypass that procedure, by invoking a totally unrelated and at best irrelevant issue, which even if true (very unlikely) would not change the conclusions of climate science in the slightest. They then sought to swamp Curtis Callan with emails.* Note, I have obscured his Princeton email address above to avoid exacerbating any SPAM problem. *Many people have already posted refutations of this email, which may be even sillier than the original **APS2009**, so I do not duplicate that effort.*

Raymond Bruca, wrote in Daily Princetonian Jan 12 2009: [www.dailyprincetonian.com/2009/01/12/22506](http://www.dailyprincetonian.com/2009/01/12/22506):

“The University is home to a number of renowned climate change scientists. Ecology and evolutionary biology professor Stephen Pacala and mechanical and aerospace engineering professor Robert Socolow, who are co-chairs of the Carbon Mitigation Initiative (CMI) and the Princeton Environmental Institute, developed a set of 15 “stabilization wedges...”

Happer said that he is alarmed by the funding that climate change scientists, such as Pacala and Socolow, receive from the private sector.

“Their whole career depends on pushing. They have no other reason to exist. I could care less. I don’t get a dime one way or another from the global warming issue,” Happer noted. “I’m not on the payroll of oil companies as they are. They are funded by BP.”

At Princeton **Happer** would indeed be unlikely to be on the payroll of oil companies, as his research is not particularly relevant to them. However, **Happer**’s **GMI** certainly has gotten oil money, both directly and indirectly via family foundations.. **GMI** has long worked quite closely with the **API**, and **GMI** CEO **O’Keefe** worked at **API** for 24+ years. The 1991-2001 **GMI** Executive Director was Jeffrey **Salmon**, whose previous job was as a senior speechwriter for Caspar Weinberger and Dick Cheney, and who went on to a DOE job in Bush/Cheney administration.

Once again, **WSJ** OpEd offered a platform (for **Lindzen**).

### A.13 Climate in the Wall Street Journal (WSJ)

This is a short sample of climate science as seen in the **WSJ**. {Seitz, Singer, Baliunas, Michaels, and especially **Lindzen**} have been well-provided with OpEd spots, and the **Regalado** articles were interesting. *Was the **WSJ** effectively a partner in A.HOCKX?*

<b>Date</b>	<b>X</b>	<b>T</b>	<b>Who</b>	<b>Examples– T=OpEd, Article, Letter</b>
1992.06.01			<b>WSJ</b>	Prints version of <b>Heidelberg Appeal</b>
1996	s		<b>Singer</b>	<a href="http://www.sepp.org/Archive/contro/ippcccont/ippcccont.html">www.sepp.org/Archive/contro/ippcccont/ippcccont.html</a>
1996.06.12	s	O	<b>Seitz</b>	<b>WSJ</b> OpEd: "A Major Deception on Global Warming" <a href="http://www.sepp.org/Archive/contro/ippcccont/Item05.htm">www.sepp.org/Archive/contro/ippcccont/Item05.htm</a>
19.06.??	s	L	Santer et al	Letter to <b>WSJ</b> , many scientist coauthors, trimmed
1996.07.11	s	L	<b>Singer</b>	<b>WSJ</b> Letter: "Coverup in the Greenhouse" <a href="http://www.sepp.org/Archive/contro/ippcccont/Item05.htm">www.sepp.org/Archive/contro/ippcccont/Item05.htm</a>
1996.07.08	s	O	<b>Singer</b>	<b>WSJ</b> OpEd: Dangers from the Global Climate Treaty
			<b>WSJ Europe</b>	<a href="http://www.sepp.org/Archive/contro/ippcccont/Item10.htm">www.sepp.org/Archive/contro/ippcccont/Item10.htm</a>
1997.07.25			<b>Singer</b>	<b>WSJ</b> OpEd "A Treaty Built on Hot Air, Not Scientific Consensus" <a href="http://www.sepp.org/key%20issues/glwarm/hotair.html">www.sepp.org/key%20issues/glwarm/hotair.html</a>
1999.08.05		O	<b>Baliunas</b>	"Why So Hot? Don't Blame Man, Blame the Sun" <a href="http://www.marshall.org/article.php?id=14">www.marshall.org/article.php?id=14</a>
2001.06.11		O	<b>Lindzen</b>	"Scientists' Report Doesn't Support the Kyoto Treaty" <a href="http://eaps.mit.edu/faculty/lindzen/OpEds/LindzenWSJ.pdf">eaps.mit.edu/faculty/lindzen/OpEds/LindzenWSJ.pdf</a>
2005.02.14	m	A	<b>Regalado</b>	"Global Warring In Climate Debate, The 'Hockey Stick' leads to a Face-Off" [REG2005] Front-page , left-column article on <b>McIntyre &amp; Hockey-Stick</b>
2005.02.18	m	O	<b>WSJ</b>	"Hockey Stick on Ice: Politicizing the science of global warming" <a href="http://www.opinionjournal.com/editorial/feature.html?id=110006314">www.opinionjournal.com/editorial/feature.html?id=110006314</a>
2006.02.10	m	A	<b>Regalado</b>	[REG2006] "Academy to Referee Climate-Change Fight"
2006.04.12	m	O	<b>Lindzen</b>	"Climate of Fear - Global warming alarmists intimidate dissenting scientists into silence" <a href="http://www.opinionjournal.com/extra/?id=110008220">www.opinionjournal.com/extra/?id=110008220</a>
2006.07.02		O	<b>Lindzen</b>	"There is no 'consensus' on global warming" <a href="http://www.opinionjournal.com/extra/?id=110008597">http://www.opinionjournal.com/extra/?id=110008597</a>
2009.11.24	c	O	<b>WSJ</b>	"Global Warming With the Lid Off" <a href="http://online.wsj.com/article/SB10001424052748704888404574547730924988354.html">online.wsj.com/article/SB10001424052748704888404574547730924988354.html</a>
2009.11.24	c	O	<b>WSJ</b>	"Climate Science and Candor" <a href="http://online.wsj.com/article/SB10001424052748704779704574553652849094482.html">online.wsj.com/article/SB10001424052748704779704574553652849094482.html</a>
2009.11.27	c	O	<b>WSJ</b>	"Rigging a Climate 'Consensus'" <a href="http://online.wsj.com/article/SB10001424052748703499404574559630382048494.html">online.wsj.com/article/SB10001424052748703499404574559630382048494.html</a>
2009.11.27	c	O	WSJ (Kimberly A. Strassel)	"'Cap and Trade' Is Dead" <a href="http://online.wsj.com/article/SB20001424052748703499404574558070997168360.html">online.wsj.com/article/SB20001424052748703499404574558070997168360.html</a>
			Inhofe speaks, at length, on "Climategate" and other topics.	
2009.11.30	c	O	<b>Lindzen</b>	"The Climate Science Isn't Settled" <a href="http://online.wsj.com/article/SB10001424052748703939404574567423917025400.html">online.wsj.com/article/SB10001424052748703939404574567423917025400.html</a>
2009.12.02	c	A	WSJ (Keith Johnson, Jeffrey Ball, Gautam Naik)	"Climate Scientist Steps Down - British Researcher leaves Post Temporarily Amid Probe..." But <b>Inhofe</b> gets several paragraphs... <a href="http://online.wsj.com/article/SB125970198500271683.html">http://online.wsj.com/article/SB125970198500271683.html</a>
2009.12.17	c	O	<b>Michaels</b>	"How to manufacture a Climate Consensus" <a href="http://online.wsj.com/article/SB10001424052748704398304574598230426037244.html">http://online.wsj.com/article/SB10001424052748704398304574598230426037244.html</a>

## A.14 Possible Legal Issues

I am certainly no lawyer, but the Internet offers good access to legal documentation. *Following are some that might be relevant*, although I have no idea how courts actually interpret these.

**18.U.S.C §1001 & 18.U.S.C §4 : Misleading Congress is a felony, as is not reporting it**  
[codes.lp.findlaw.com/uscode/18/I/47/1001](http://codes.lp.findlaw.com/uscode/18/I/47/1001) (a, 1), (c, 2) felony (up to 5 years)  
[codes.lp.findlaw.com/uscode/18/I/1/4](http://codes.lp.findlaw.com/uscode/18/I/1/4) Misprision of felony (up to 3 years)

**18.U.S.C §371 : Conspiracy to commit felony is also a felony...**  
[codes.lp.findlaw.com/uscode/18/I/19/371](http://codes.lp.findlaw.com/uscode/18/I/19/371) conspiracy (up to 5 years)  
[www.justice.gov/usao/eousa/foia\\_reading\\_room/usam/title9/crm00652.htm](http://www.justice.gov/usao/eousa/foia_reading_room/usam/title9/crm00652.htm)  
*If I interpret this correctly, an “unfulfilled conspiracy” may not be affected by usual statutes of limitations.*

**Sometimes people can be involved in a conspiracy without even knowing it.**  
[criminal.lawyers.com/federal-criminal-law/blogs/archives/629-Federal-Criminal-Conspiracy-Law.html](http://criminal.lawyers.com/federal-criminal-law/blogs/archives/629-Federal-Criminal-Conspiracy-Law.html)  
[www.juryinstruction.com/members/content/national/ncjic\\_documents/chapter083/83\\_2.htm](http://www.juryinstruction.com/members/content/national/ncjic_documents/chapter083/83_2.htm)  
*I have no idea how widely-applied that actually is.*

**Defamation is complex, especially Internet & international**  
[www.expertlaw.com/library/personal\\_injury/defamation.html#4](http://www.expertlaw.com/library/personal_injury/defamation.html#4)  
[www.ibls.com/internet\\_law\\_news\\_portal\\_view.aspx?s=latestnews&id=1874](http://www.ibls.com/internet_law_news_portal_view.aspx?s=latestnews&id=1874)  
[www.article19.org/advocacy/defamationmap/map](http://www.article19.org/advocacy/defamationmap/map)  
[www.thebarcode.net/pdf/CheatSheetSamples.pdf](http://www.thebarcode.net/pdf/CheatSheetSamples.pdf)  
[en.wikipedia.org/wiki/Defamation](http://en.wikipedia.org/wiki/Defamation) Can be criminal some places in the world.  
 This is complex to a legal layman (like me) and of course in the USA, defamation law varies by state. I am not sure exactly how that interacts with the Internet Era. *Much current activity seems to me like purposeful organized defamation, often using the Internet as an amplifier. The Internet and even email have not encouraged civility. I conjecture that this sometimes leads to threats of violence by the final consumers of this material or at least mass floods of email from ill-informed people demanding resignations of scientists for no good reason. Of course, in many cases, actions that might be legally ruled defamation never get pursued, due to time or financial limitations. From much personal experience, scientists really want to do science, not spend their time in court, and few are wealthy enough to do it anyway.*

**Even simple plagiarism is a serious problem in academe, can lead to copyright suits as well.**

## DOCUMENT RELEASE HISTORY

At [www.desmogblog.com/plagiarism-conspiracies-felonies-breaking-out-wegman-file](http://www.desmogblog.com/plagiarism-conspiracies-felonies-breaking-out-wegman-file)

V1.0 February 8, 2010

V1.0.1 February 11, 2010 Fix typos and do minor wording cleanups. Clarify GRL peer review. Restore **A.7 Peter Spencer** entry and disambiguate better versus **Roy Spencer**.

At [www.desmogblog.com/crescendo.climategate.cacophony](http://www.desmogblog.com/crescendo.climategate.cacophony)

March 15, 2010 major update, enough to suggest a name change. Add more people, integrate the A.6.2 Maps of People X Activities & Organizations. Add more on funding, show nonprofits, integrate leftover details from Deep Climate, clean up typography, restructure some flows, rework front matter, add Tables of Contents, Figures, and Index. Fix some errors in A.6.1 spreadsheets.