

ACADEMIC SUMMARY
GLOBAL WARMING/CLIMATE CHANGE
SPRING 2007 - FALL 2019

LAURENCE I. GOULD — Physics Department — University of Hartford

[Frequently Used Abbreviations: APS = American Physical Society,
AAPT = American Association of Physics Teachers]

SCHOLARSHIP	1
AND	1
PROFESSIONAL DEVELOPMENT	1
A. PUBLICATIONS.....	1
B. LECTURES and INTERVIEWS	3
C. REFEREEING AND BOOK REVIEWS.....	6
D. CONSULTING	6
TEACHING	7
SERVICE	11

BIO _____

Larry Gould is Professor of Physics at the University of Hartford and Past Chair (2004) of the New England Section of the American Physical Society. He also remains Chairman of the Executive Board of the International Symmetry Association (based in Budapest). Dr. Gould earned his PhD and MA degrees in Physics from Temple University and his bachelor degree in Physics from Carnegie Institute of Technology (now, Carnegie-Mellon University). He has been studying and writing on the subject of anthropogenic global warming (AGW) for over 11 years. As Co-Editor of the American Physical Society's *New England Section Newsletter* [<http://www.aps.org/units/nes/newsletters/>] he has published, beginning with the Fall 2007 issue (and continuing in every issue through the Fall 2012), both solicited and unsolicited articles critical of the methodology and the science of AGW. Professor Gould has given many presentations on AGW, including a campus-wide talk at Princeton University and a presentation on Capitol Hill. In 2009 and 2014 he taught (at his school) a freshman seminar devoted to a critical thinking approach to AGW. Dr. Gould has a wide range of interests and has published scholarly articles in several areas. He has given a number of talks overseas and in the United States on a variety subjects, including: a critical approach to AGW, the application of symmetry principles in teaching science, the life and work of Albert Einstein, symbolic methods in computational physics, and foundations of quantum theory.

**SCHOLARSHIP
AND
PROFESSIONAL DEVELOPMENT**

A. PUBLICATIONS

(a) “Particulate Matter Does Not Cause Premature Deaths” Enstrom, James E; Young, S. Stanley; Dunn, John Dale; Battig, Charles G; Briggs, William M; Calabrese, Edward J; Carlin, Alan; Gould, Laurence I; Wood, Peter W. *Science* (submitted, 2015)

(b) “Systematic And Logical Problems In Global Warming Science” *ENERGY & ENVIRONMENT* Volume 25 - No. 6 & 7, 1205 - 1219 (2014). Invited paper. This paper reasons

about some of erroneous arguments used in promoting so-called “climate change” in order to better inform people about pitfalls from a *misuse* of the scientific method; <https://db.tt/c9sEnta0>

(c) This issue of the *Newsletter* (Fall 2012) contains: (i) My Editorial comments on the various links to articles criticizing “global warming” (AGW); (ii) An article (my solicitation) by Prof. Fred Singer criticizing pro-AGW arguments by indicating what needs to be shown scientifically by advocates of those who argue for AGW. {This is the last issue for which I am Co-Editor and in which I have generated most of the Newsletter’s layout.}

<http://www.aps.org/units/nes/newsletters/upload/fall12.pdf>

(d) This issue of the *Newsletter* (Spring 2012) contains: (i) My Editorial comments on the Letter pertaining to “global warming” (AGW); (ii) An article (my solicitation) by Prof. Riccardo deSalvo criticizing pro-AGW articles in *Physics Today*. {I continue to be the Co-Editor and generate most of the Newsletter’s layout.}

(e) This (Fall 2011) issue of the *Newsletter* contains: (i) My Editorial on a variety of facets pertaining to “global warming” (AGW); (ii) Articles (my solicitations) by Dr. Gordon Fulks and by Dr. Roger Cohen critiquing various claims about AGW {I continue to be the Co-Editor and generate most of the Newsletter’s layout.}

(f) Signatory: *In reply to “The Importance of Science in Addressing Climate Change”* — To the Members of the U.S. House of Representatives and the U.S. Senate (2/8/11)

<http://www.co2science.org/education/truthalerts/v14/TruthAboutClimateChangeOpenLetter.pdf>

(g) This issue of the *Newsletter* contains: (i) An article (my solicitation) by Ross McKittrick, one of the world’s leading thinkers in the area of climate science; (ii) a link to Critiques of Deviations from the Scientific Method (Spring 2011). {I continue to be the Co-Editor and generate most of the Newsletter’s layout.}

<http://www.aps.org/units/nes/newsletters/upload/spring11.pdf>

(h) Signatory: Letter to The Honorable Lisa P. Jackson, Administrator, Environmental Protection Agency (10/7/10) <http://icecap.us/images/uploads/CorrectedEPAletter.pdf>

(i) This issue of the *Newsletter* contains: (i) My Editorial “Anthropogenic Global Warming: A Continuing Erosion of the Scientific Method”; *Newsletter of the New England Section of the American Physical Society* (Fall 2010); and (ii) My photo of a prominent building on the campus of Union College <http://www.aps.org/units/nes/newsletters/upload/fall10.pdf>

(j) Solicited email interview about Global Warming; appeared in an article in the *Dalton Daily Citizen* (Dalton, Georgia; 4/7/10).

(k) “Global Warming a Dangerous Belief”: Email interview for on-line publication, *NewsMax* (7/7/09); [NewsMax.com](http://www.newsmax.com)

(l) Solicited Comments about Global Warming: Email interview for on-line newspaper, *NY Metro* (3/31/09).

(m) This issue of the *Newsletter* contains: My Editorial “Global Warming/Climate Change: Update on Further Developments”; *Newsletter of the New England Section of the American Physical Society* (Spring 2010) <http://www.aps.org/units/nes/newsletters/spring10.cfm>

(n) This issue of the *Newsletter* contains: My Editorial “Global Warming/Climate Change: Further Developments”; *Newsletter of the New England Section of the American Physical Society* (Fall 2009) <http://www.aps.org/units/nes/newsletters/fall09.cfm>

(o) This issue of the *Newsletter* contains: (1) My letter of Reply to the Letter by Walter Stockwell, and (2) my Editorial “COMMENTS Related to Scientific Claims about ‘Global Warming’”; *Newsletter of the New England Section of the American Physical Society* (Spring 2009) <http://www.aps.org/units/nes/newsletters/spring09.cfm>

(p) This issue of the *Newsletter* contains: (1) My letter of Reply to the Letter by Frank Levin, and (2) my Editorial concerning “global warming”; *Newsletter of the New England Section of the American Physical Society* (Fall 2008) <http://www.aps.org/units/nes/newsletters/fall08.cfm>

(q) An Open Letter to Members of the New England Section of the American Physical Society — “Anthropogenic Global Warming Alarmism: A Corruption of Science” (12 pages); *Newsletter of the New England Section of the American Physical Society* (Spring 2008) <http://www.physics.ccsu.edu/aps-nes/News.htm>

(r) Letters in Reply to: (1) the Editor of the *APS News* about bias in the *APS News*, and (2) my Co-Editor of the *Newsletter* in response to his letter about “global warming”; *Newsletter of the New England Section of the American Physical Society* (Spring 2008) <http://www.physics.ccsu.edu/aps-nes/News.htm>

(s) Links to “Global Warming from a Critical Perspective” (requested) for *U.S. Senate Report: Over 400 Prominent Scientists Disputed Man-Made Global Warming Claims Senate Report Debunks "Consensus" in 2007* <http://epw.senate.gov/public/index.cfm?FuseAction=Minority.SenateReport> (January 2008)

(t) “Global Warming from a Critical Perspective” (requested); published on Intermountain Rural Electric Association (IREA) *Legislative Issues* page, <http://www.intermountain-rea.com/legislative.htm> (January 2008)

(u) “Critical Thinking and Global Warming” article in the *Newsletter of the New England Section of the American Physical Society* (Fall 2007) <http://www.physics.ccsu.edu/aps-nes/News.htm>

(v) Letter to the Editor about bias in the *APS News* and *Physics Today* reporting about “global warming”, in the *Newsletter of the New England Section of the American Physical Society* (Fall 2007) <http://www.physics.ccsu.edu/aps-nes/News.htm>

B. LECTURES and INTERVIEWS

INVITED

1. Professional Organizations and International Workshops

(a) “Dangerous Human-Caused ‘Climate Change’: Have you been told the Truth?”; Rotary Club of East Hampton (East Hampton, CT; 1/9/2019)

(b) Interview and Debate with Professor Meredith Hastings of Brown University; on “Chapter & Verse”, a TV talk show hosted by Ray Dempsey and Sandra Sanchez; Public Access Television Rhode Island, Channel 14 (Cox cable); program (Rhode Island, 5/10/2018)

(c) Interview by Jorge Rosas, Student Television Network, News Director on topic of “Hurricanes and Global Warming” (University of Hartford; 20 September 2017) <http://stn2.tv/article/view/778> VIDEO (1 min 30 sec) <https://drive.google.com/file/d/0B-x65aaKmUECZThMNDVrdkZOZWs/view?ts=59ea3c0c>

(d) Interview by Peter Lanzillo on Peter's Corner, Winds of Change, Episode 7 “Critical Thinking about Global Warming” (New Hampshire; 5 July 2017) <http://hudsonctv.com/CablecastPublicSite/show/6916?channel=1>

(e) Discussion/Debate about issues in Anthropogenic Climate Change with Meredith G Hastings (Brown University, Institute at Brown for Environment and Society); *Chapter & Verse* television program hosted by Raymond Dempsey (Co-Host, Sandra Sanchez); PEG (Public, Education & Government) Rhode Island TV (Providence, RI; 1/7/16) [about 1 hour]

(f) “Educational Issues pertaining to Anthropogenic Global Warming/Climate Change” — *111th Topical Symposium: Physics of the ATMOSPHERE and CLIMATE* for the New York State Section of the American Physical Society (State University of New York at Plattsburgh, NY; 9/26/14)

(g) “*Overview of Symmetries in World Climate: Searching for Symmetries in Climate Change and ‘Climate Change’*” — Explaining Differences between the Two Approaches”; Lecture to climate experts (Leiden, The Netherlands; 9 August 2013)

(h) “*Overview of Symmetries in World Climate: Searching for Symmetries in Climate Change and ‘Climate Change’* — Explaining Differences between the Two Approaches”; Visiting Lecture Series, Public Climate Program, at SPACE EXPO (Noordwijk, The Netherlands; 6 August 2013)

(i) Organizer and Co-Chair of the international *Symposium on Asymmetries of Climate Change and Water Resources (Causes and Consequences)* for the International Symmetry Association (ISA) Festival 2013 http://symmetry.hu/documents/SF13_Preliminary_program.pdf [Note: this is also the Final program] (Delft, The Netherlands; 3 August 2013)

(j) “Searching for Symmetries between Climate Change and ‘Climate Change’ — Enhancing Scientific Inquiry through Critical Analysis” — concluding commentary, *Symposium on Asymmetries...* lecture (Delft, The Netherlands; 3 August 2013)

(k) “Symmetry of the Milky Way and its Consequences for Life on Earth” — *Symposium on Asymmetries...* lecture [given for Henrik Svensmark; Center for Sun Climate Research, Space DTU; Denmark] (Delft, The Netherlands; 3 August 2013)

(l) Interview by Bruce DePrest, Chief Meteorologist WFSB-TV, Channel 3, Eyewitness News (University of Hartford; 5/1/13) which aired later that month <https://db.tt/Ffy501Lx>

(m) “Climate Change *versus* ‘Climate Change’” presentation to Bruce DePrest, Chief Meteorologist WFSB-TV, Channel 3, Eyewitness News (University of Hartford; 5/1/13)

(n) ‘Global Warming/Climate Change’: Issues for Education and for Scientific Societies” — 7th International Conference on Climate Change: Reconsidering the Science and Economics (Chicago, IL; 5/21-23/12) <http://climateconference.heartland.org/>

(o) “What You Don't Know CAN Hurt You (and Others); Advice to Educators (and Others)” — 4th International Conference on Climate Change: Reconsidering the Science and Economics (Chicago, IL; 5/16-18/10) <http://www.heartland.org/environmentandclimate-news.org/ClimateConference4>

(p) “Global Warming/Climate Change” Alarmism — to the Republican Town Council (Bloomfield police station, CT; 1/19/10)

(q) “Global Warming/Climate Change” phone interview on the Ray Dunaway show (WTIC; 1080 AM; 12/14/09) <http://podcast.wtic.com/wtic/2108939.mp3>

(r) “A Critical Look at Global Warming” — Hoffman SummerWood Community center (West Hartford, CT; 10/9/09)

(s) “Global Warming/Climate Change Alarmism: A Building Without Foundation” — Y’s Men of Westport/Weston (Westport, CT; 10/1/09)

(t) “The Mythology of Anthropogenic Global Warming & its Policy Consequences” — Occupational & Environmental Medicine Colloquium, University of Connecticut Health Center (Farmington, CT; 6/18/09)

(u) “‘Global Warming/Climate Change’: Dissecting the Claims, Exposing the Methods” — South Windsor Rotary Club (South Windsor, CT; 5/13/09)

(v) “Global Warming Alarmism: Checking the Claims, Exposing the Methods” — The Exchange Club of Glastonbury (Glastonbury, CT; 3/19/09)

(w) “Global Warming Alarmism: Checking the Claims, Exposing the Methods” — for The 2009 International conference on Climate Change (New York City; 3/10/09)

(x) “A Critical Look at ‘Global Warming’” for the Mandell Jewish Community’s Men’s Club (West Hartford, CT; 3/4/09)

(y) “Global Warming Alarmism” — The League of Women Voters of New Haven Regional Round Table Luncheon (Including the Amity, Cheshire/Wallingford, Hamden, New Haven/West Haven and North Haven Leagues); Graduate Club of Yale University (New Haven, CT; 2/24/09)

(z) “*A Convenient Falsehood* Myths, Methods, and Consequences of the Global Warming Hoax,” Keene State College (Keene, NH; 10/2/08)

(aa) “*False Alarm!* Explaining Major Scientific and Methodological Errors behind the Global Warming Scare” — The Cooler Heads Coalition — Congressional Staff and Media Briefing; Longworth House Office Building, Capitol Hill (Washington, DC; 9/17/08)

(bb) Discussion Leader and Presentation on “Global Warming” following the matinee of *An Inconvenient Truth* at Cine Studio (Trinity College; 9/9/06).

2. Universities

(a) “‘Global Warming/Climate Change’: A Critical Look” POSTER for the Fall 2011 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (UMass, Amherst, MA; 11/18/11)

(b) “Global Warming” —Interactive lectures with two Introduction to Meteorology classes of Dr. Frederick Wolf (Keene State College, Keene, NH; 10/3/08)

(c) “*A Convenient Falsehood: Myths, Methods, and Consequences of the Global Warming Hoax*” — university-wide and general public talk (Keene State College, Keene, NH; 10/2/08)

(d) “‘Global Warming’: A Critical Examination of the Claims” — university-wide talk (Princeton University; sponsored by the Physics Dept.; Princeton, NJ; 8/11/08)

CONTRIBUTED

1. Professional Organizations

(a) “Matters of Fact and of Method pertaining to Anthropogenic Global Warming/Climate Change”; POSTER for the Sigma Xi Annual Meeting (Kansas City, MO; 10/22-25/2015)

(b) Comments critiquing “Climate Change” science and suggesting policy re-examination to the Governor's Council on Climate Change; Department of Energy and Environmental Protection Headquarters (79 Elm Street; Hartford, CT; 7/10/15) [about 6 mins]

(c) “Scientific Understanding: Issues of Fact and of Method Undergraduate Physics Education: A Critical-Thinking Approach to Analyzing some of Science while Teaching the Scientific Method” — LECTURE for the Spring Meeting of the of the New England Section of the American Physical Society (Bridgewater State University, MA; 10/12/13)

(d) “Global Warming, Climate Change (AGW) — A Critical Look” — POSTER for the Spring Meeting of the of the New England Section of the American Physical Society (Bridgewater State University, MA; 10/11/13)

(e) “‘Global Warming/Climate Change’: A Critical Analysis of some of the Scientific and Methodological Approaches — POSTER for the Spring Meeting of the of the American Physical Society (Baltimore, MD; 3/21/13)

(f) “Global Warming, Climate Change” (AGW) — A Critical Look” — POSTER for the Fall 2012 Joint Meeting of the of the New England Sections of the American Physical Society and the American Association of Physics Teachers (Williams College, Williamstown, MA; 11/9/12)

(g) “Global Warming/Climate Change’: A Critical Look” NES APS Poster for the Fall 2011 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (UMass, Amherst; 11/18/11)

(h) Comments Critiquing “Climate Change” to The Governor’s Steering Committee on Climate Change Adaptation Subcommittee at the Public Information Meeting: The Impacts of Climate Change on Connecticut Agriculture, Infrastructure, Natural Resources and Public Health (The Connecticut Agricultural Experiment Station; New Haven, CT; 1/12/10)

(i) Comments Critiquing “Climate Change” to the Adaptation Subcommittee of the Governor’s Committee on Climate Change (GSC) (Legislative Office Building; Hartford, CT; 12/17/09) —

http://ctnv1.ctn.state.ct.us/C/climate_change_12-17-09.wmv [in last half hour]

(j) “Global Warming: Claims, Science, and Consequences” for the APS, at the Joint Spring Meeting of the New England Sections of the APS and the AAPT (University of Maine at Orono; 4/21/07).

C. REFEREEING AND BOOK REVIEWS

1. **Completed** [All refereed articles and book reviews/proposals were at the editor's/supervisor's or a member of the editorial board's request]

(a) *Climate Change Reconsidered II: Fossil Fuels*, Chapter 2 of the book (7/13/2018) <http://climatechangereconsidered.org/wp-content/uploads/2018/12/Front-Matter.pdf>

(b) NIPCC Report --- "Climate Change Reconsidered II: Physical Science" Physical Science chapter reviewer for the Nongovernmental International Panel on Climate Change (NIPCC) Report *Climate Change Reconsidered II* (2013) <http://heartland.org/media-library/pdfs/CCR-II/CCR-II-Full.pdf>

(c) *Global Warming and Cooling*, Edited by Don J. Easterbrook (**Proposal Review**, 2010; Elsevier). [New title: *Evidence-based Climate Science; Data Opposing CO2 Emissions as the Primary Source of Global Warming*; pub date, September 2011]

D. CONSULTING

1. **Consulted** for the American Chemical Society’s Internet Symposium, “Critical Look at Global Warming Data: Wickedly Complex System Called Climate” (Peter Bonk, ACS member and Organizer of the ACS meeting event; Denver, CO; 8/28/11, 12:01 PM - 5:45 PM MDT)

2. *Amici Curiae* (with Ross McKittrick and Patrick J. Michaels) in Support of Petitioners On *Writ of Certiorari* to the United States Court of Appeals for the Second Circuit — American Electric Power Company, Inc., *et al.*, *Petitioners* versus State of Connecticut, *et al.*, *Respondents*. Brief filed by S.L. Goessling, H.W. MacDougald, and E.A. Kazmarek for the Southeastern Legal Foundation, Inc. (Supreme Court of the United States; accepted; February 2011; favorable); http://www.epalawsuit.com/storage/SLF_Amici_US_Supreme_Court_AEP_2-8-11.pdf

TEACHING

A. LECTURES and INTERVIEWS

INVITED

1. Professional Organizations

(a) Peter's Corner, Winds of Change, Episode 7 w/ Critical Thinking about Global Warming; 5 July 2017 <http://hudsonctv.com/CablecastPublicSite/show/6916?channel=1>
Interview/presentation for New Hampshire cable TV (Hudson, NH; 7/5/2019)

(b) "Educational Issues pertaining to Anthropogenic Global Warming/Climate Change" — for the Connecticut Association of Physics Teachers (East Catholic High School; Manchester, CT; 5/15/15)

(c) "Critique of Global Warming" — WatchDog Nation: Radio interview by Ken Capron in Maine (Portland, ME; 1/4/12) <http://wmpg.org/>

(d) "Anthropogenic Global Warming: Illuminating some its Scientific and Methodological Flaws" NES AAPT Tutorial & Debate (2 hours) for the Fall 2011 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (UMass, Amherst; 11/19/11)

(e) "Science Education and Dangerous 'Global Warming': Examining Claims through Critical Thinking in the Classroom" for the National Science Teacher's Association; sponsored by the American Association of Physics Teachers (Hartford, CT; 10/28/11)

(f) "Anthropogenic Global Warming: Illuminating some its Scientific and Methodological Flaws" NES AAPT Tutorial (2 hours) for the Spring 2011 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (UMass, Lowell; 4/9/11)

(g) "What do People Need to Know about Global Warming" and other questions — email interview by Rachel Brown, Staff Writer, *The Daily Citizen* (Dalton, Georgia; 3/30/10)

(e) "My Disagreements with 'Global Warming'" — Sandy Rios Show: Radio interview from Chicago (Bloomfield, CT; 7/23/08)
http://www.culturecampaign.com/WYLL%20archive/Sandy_Rios_WYLL080723b_16kbs.mp3

(f) "Global Warming"; class interactions at Herricks High School (New Hyde Park, NY; 5/15/08); 3 different classes — Biology, Physics, and Great Decisions.

(g) "Global Warming Talk: Two Perspectives" — for the Herricks International Research Institute, Herricks High School auditorium (New Hyde Park, NY; 5/14/08) [speaker for the "alarmist" perspective — Dr. Michael MacCracken, chief scientist for Climate Change Programs for the Climate Institute, Washington, D.C.]

(h) "Overreacting to Global Warming" — Fox 25 Special Reports **TV interview** (aired on 5/9/08) <http://media.myfoxboston.com/news/specials/globalcooling.html>

(i) "About those Claims of Dangerous Global Warming: Are They True?" — Current Events Club, Mandell Jewish Community Center (Bloomfield, CT; 2/20/08) [offered/invited]

(j) "Global Warming: A Critical View" (included film) — evening presentation at the Prosser Library (Bloomfield, CT; 10/22/07). [offered/invited]

(k) “Global Warming: A Critical View” AAPT workshop (3 hours; included film) for the Fall 2007 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (University of Connecticut, Storrs; 10/20/07).

2. Universities (other than U. of H.)

(a) “Anthropogenic Global Warming: Illuminating some its Scientific and Methodological Flaws” — hosted by the Departments of Physics, Astronomy and Geophysics (Connecticut College, New London, CT; 12/2/11)

(b) “Global warming/Climate Change Alarmism: A Critical Analysis of the Claims” — The Robert F. Voytek Memorial Lecture Series, Hosted by the Central Connecticut State University Physics Club (Newington, CT; 11/4/09)

3. University of Hartford

(a) “DANGEROUS ‘Climate Change/Global Warming: Challenges to Critical Thinking, Off Campus... and On’”; lecture to Physics Seminar (2/14/2019)

(b) “The Shape of Things to Come (next semester) in some Spiritual and Secular Realms”; short preview lecture for my Humanities Center Fellow presentation next term (Humanities Center course; 10/24/17)

(c) “Educational Issues pertaining to Claims about Dangerous Anthropogenic Climate Change/Global Warming”; lecture for Hahini Mohotallah’ “Sustainability and Environment” class, FYS 100 (9/28/16)

(d) “Educating the Public (and Chilling Out) about Matters of Fact and of Method Pertaining to Anthropogenic Global Warming/Climate Change”; lecture for the Philosophy Club (2/9/16) [offered/invited]

(e) “Global Warming Alarmism, Gore and All: Checking the Claims, Exposing the Methods” — Andy Craft’s “Energy & Environment” class, FYS 100 (10/16/15)

(f) “Climate Change and ‘Climate Change’: A Search for the Symmetries — Enhancing Scientific Enquiry through Critical Analysis” — Climate Change class AUCT190, Guest Lecture (UT106; 4/24/14)

(g) “Global Warming Alarmism: Checking the Claims, Exposing the Methods” — Environmental Awareness Group (Hawk Hall; 3/31/09)

(h) “Global Warming Claims with Remarks about the Logic and Methodology”; lecture for the Philosophy Club (2/14/08)[offered/invited]

(i) “Global Warming: Examining the Claims”; lecture for Rick Walker’s *Reading & Writing I* class (RLC 110; 11/28/07)

4. Secondary Schools

(a) "Remarks on 'An Inconvenient Truth' and Related Issues"; a 1-hour presentation to students and faculty (about 100 attended) for a Global Warming Teach-In (E. O. Smith High School; Storrs, 4/25/07)

(b) Panel Discussion about Global Warming; I was one of the 2 ‘skeptics’ for a Global Warming Teach-In (E. O. Smith High School; Storrs, 4/25/07)

CONTRIBUTED

1. Professional Organizations

(a) “Educational Issues details pertaining to Claims about Dangerous Anthropogenic

Climate Change” — POSTER presentation for the Summer 2018 National Meeting of the American Association of Physics Teachers (Washington, DC; 8/1/18)

(b) “Educational Issues pertaining to Claims about Dangerous Anthropogenic Climate Change” — ORAL presentation for the Summer 2018 National Meeting of the American Association of Physics Teachers (Washington, DC; 7/30/18)

(c) “A Closer Look at Critical Thinking in Education Concerning Claims about Dangerous Anthropogenic Climate Change/Global Warming” — ORAL for the AAPT Tri-regional Meeting of the New England, New York State, and New Jersey sections (Wesleyan University, Middletown, CT; 10/21/16)

(d) “Critical Thinking in Education Concerning Claims about Dangerous Anthropogenic Climate Change/Global Warming” — ORAL for the AAPT Tri-regional Meeting of the New England, New York State, and New Jersey sections (Wesleyan University, Middletown, CT; 10/22/16)

(e) “A Closer Look at Critical Thinking in Education Concerning Claims about Dangerous Anthropogenic Climate Change/Global Warming” — ORAL for the AAPT Tri-regional Meeting of the New England, New York State, and New Jersey sections (Wesleyan University, Middletown, CT; 10/21/16)

(f) “Critical Thinking in Education Concerning Claims about Dangerous Anthropogenic Climate Change/Global Warming” — ORAL for the AAPT Tri-regional Meeting of the New England, New York State, and New Jersey sections (Wesleyan University, Middletown, CT; 10/22/16)

(g) “Educational Issues pertaining to Claims about Dangerous Anthropogenic Climate Change/Global Warming” — ORAL presentation for the Spring 2016 Meeting of the American Association of Physics Teachers, New England Section (Thayer Academy, Braintree, MA; 5/21/16)

(h) “A Closer Look at Educational Issues pertaining to Claims about Dangerous Anthropogenic Climate Change/Global Warming” — POSTER for the Spring 2016 Meeting of the American Association of Physics Teachers, New England Section (Thayer Academy, Braintree, MA; 5/20/16)

(i) “Educational Issues pertaining to Claims about Dangerous Anthropogenic Climate Change/Global Warming” — ORAL presentation for the Fall 2015 Joint Meeting of the of the New England Sections of the American Physical Society and the American Association of Physics Teachers (Dartmouth College, Hanover, NH; 11/7/15)

(j) “A Closer Look at Educational Issues pertaining to Claims about Dangerous Anthropogenic Climate Change/Global Warming” — POSTER for the Fall 2015 Joint Meeting of the of the New England Sections of the American Physical Society and the American Association of Physics Teachers (Dartmouth College, Hanover, NH; 11/6/15)

(k) “Critical Thinking about Claims of Human-Created ‘Climate Change’ A Way to Enhance a Student’s Scientific Enquiry” — POSTER for the Spring 2012 Meeting of the New England Section of the American Association of Physics Teachers (Milton Academy, MA; 4/12/13)

(l) “Man-Made ‘Global Warming’ (AGW) A Critical-Thinking Approach to Exposing some of its Scientific and Methodological Flaws” — Education session of the APS (Baltimore, MD; 3/18/13)

(m) “Man-Made ‘Global Warming’ (AGW): A Critical-Thinking Approach to Exposing Some of Its Scientific and Methodological Flaws” — AAPT presentation for the Fall

2012 Joint Meeting of the of the New England Sections of the American Physical Society and the American Association of Physics Teachers (Williams College, Williamstown, MA; 11/10/12)

(n) “Global Warming/Climate Change’: Issues for Education and for Scientific Societies” — *Great Connections Seminar*; July 21 to 28 (Chicago, IL; 7/25/12)

(o) “Threats to Science Education: A Critical Inquiry into the Claims & Methods used in Promoting Anthropogenic ‘Global Warming’” for the Fall 2010 Joint Meeting of the of the New England Sections of the American Physical Society and the American Association of Physics Teachers (Brown University, Providence, RI; 10/30/10)

(p) “Global Warming/Climate Change’’: A Critical Look” POSTER (joint author is Christopher Pelliccione, physics senior) for the Spring 2010 Joint Meeting of the New England and New York State Sections of the American Physical Society (Union College, Schenectady, NY; 4/23/10)

(q) “Anthropogenic ‘Global Warming’ Alarmism: Illuminating Some Scientific and Methodological Flaws” for the Fall 2009 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (University of New Hampshire, Durham; 10/17/09)

(r) “Global Warming/Climate Change’: Claims, Contradictions, & Methods” for the Fall 2008 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (Northeastern University, Boston; 5/9/09)

(s) “Is ‘Global Warming’ Alarmism a Hoax? — A Consideration of Myths, Methods, & Consequences” for the Fall 2008 Joint Meeting of the New England Sections of the American Physical Society and the American Association of Physics Teachers (University of Massachusetts, Boston; 10/11/08)

(t) “Dangerous Anthropogenic Global Warming: Fact or Fiction?” (Spring Meeting of the New England Section of the AAPT/APS; US Coast Guard Academy, New London, MA; 4/4-5/08).

(u) “Global Warming: A Critical Analysis” (included film) for Sigma Xi talk (University of Hartford, CT; 10/25/07).

2. University of Hartford

(a) “Global Warming’—But Is It True?”; film of “The Great Global Warming Swindle” followed by a discussion with meteorologist Art Horn (<http://www.theartofweather.com/bio.html>), who also gave a lecture (Our Campus, Our Planet event; to incoming Fall 2010 Freshman; Mali I auditorium; 8/30/10).

B. DEVELOPMENT OF NEW TEACHING/ASSESSMENT MATERIALS

1. Honors course proposal revision (Spring 2011) to focus more critically on the issues (HON 300, Fall 2011/2012 or Spring 2012/2013) *Man-Made “Global Warming”: A Critical-Thinking Approach to Exposing Its Scientific and Methodological Flaws.*
2. Honors course proposal (HON 300, Fall 2010) titled *Man-Made “Global Warming’’: A Critical Analysis of the Claims.* Topics include: What is meant by the popular term “anthropogenic global warming/climate change” (AGW, for short)? What are correct and incorrect methods of arguing for the existence of AGW? How can science determine if AGW exists, and (if it does) whether it is dangerous? What are possible ethical, political, and economic issues involved in promoting claims of AGW? This

seminar course pertains to *critical thinking* about AGW, examining the methods of argumentation, and the evidence for the claims.

3. Created and Taught a New course (FYS100, Fall 2009) titled, *Man-Made "Global Warming": A Critical Analysis of the Claims*. This was a First Year (for freshman only) Seminar that employed extensive use of in-class discussions, videos, handouts, library Reserves, and the internet. The course pertains to *critical thinking* about Anthropogenic Global Warming (AGW), examining the methods of argumentation and the evidence for the claims. There were 17 written assignments (two of which were graded), one graded quiz, and a Final Project for which a Paper and a PowerPoint presentation was required from each student. Some topics included (approximately in order): (a) What do you Mean by AGW? Do you believe it is dangerous? (b) How did you come to your beliefs about AGW? (c) Why did you take this course? (d) How can people come to their beliefs? (e) What is Thinking? (f) Fallacies Used in Argumentation (g) What is Science? (h) What is "Bad" Science? (i) A video on the PRO side of AGW (j) A video on the CON side of AGW (k) A video wherein there is a debate on whether AGW is a "Crisis"; (l) A video on the dangers of carbon dioxide; (m) A video on the benefits of carbon dioxide [for me to fill in the rest, if desired]

C. OUTSIDE WORK WITH STUDENTS

1. Research and Teaching

- (a) Honors Thesis Advisor to Daniel J. Hultgren (Physics/Philosophy major) for his thesis "The Question Concerning Scientific Realism" (University of Hartford; Spring 2009) [*Senior Sponsor* for Daniel J. Hultgren (U. of H. with a B.S. in Physics and B.A. in Philosophy, May 2009) who was chosen as the 2009 John G. **Martin Scholar** to Oxford University]
- (b) Directed Research of Chris Pelliccione on the topic of "global warming/climate change". He chose the topics that interested him, typed up weekly reports (complete with references, tables, and graphs), and we discussed those reports during our weekly meetings; PHY480 (UofH; Spring 2009).
- (c) Directed Daniel Hultgren (dual major in Physics/Philosophy) in a "Investigation of the Scientific Basis for Claims about Global Warming" PHY480 (U. of H., Fall 2007); submitted typed up research reports.
- (d) Directed Daniel Hultgren (dual major in Physics/Philosophy) in a "Investigation of the Scientific Basis for Claims about Global Warming" Dan Hultgren (U. of H., Spring 2007); submitted typed up research reports

S E R V I C E

A. COMMITTEES & EVENTS

1. National

- (a) Criticized Cap-and-Trade at Shell Oil Company's town hall event, hosted by Shell's

President, John Hofmeister (Hartford Hilton, 3/13/07; invited).

2. Local

(a) Remarks to the Governor's Council on Climate Change_Hartford CT_10July2015

(b) Presentation and Panel Discussion of the movie "Chasing Ice"; Real Art Ways (Hartford, CT; 1/5/2013)

https://dl.dropbox.com/u/88601484/Real%20Art%20Ways%20website_31Dec2012_cinema%20copy.pdf

3. University

(a) Host for public lecture, "Why did the Global Warming Movement Fail?" by Marc Morano, Publisher of the skeptical website Climate Depot & former researcher with U.S. Senate Environment & Public Works Committee (10/30/2012)

(b) Host for public lecture, "The Record Open Arctic Ocean of 2012: Will it Affect This Year's Weather?" by Tom Wismuller, meteorologist from NASA and world lecturer (10/23/2012)

B. MEETINGS AND EVENTS

1. Local (University of Hartford)

(a) Organized and Hosted the event critiquing "Global Warming/Climate Change" for the University's Our Campus, Our Planet day for incoming freshman; Film: *The Great Global Warming Swindle*, Talks: L.I. Gould/Physics Dept. and Art Horn/meteorologist and creator of the business "The Art of Weather"; (Fall 2009 – Summer 2010; event, 8/30/10).

(b) Hosted and gave introduction to the talk "Climate Change: A Policy Maker's Prospective" by Viscount Christopher Monckton of Brenchley (3/5/08) [event sponsored by the President's office].

CONTACT INFORMATION & Supplementary Information

Physics Department, Dana Hall 220
UNIVERSITY OF HARTFORD
200 Bloomfield Avenue
West Hartford, CT 06117
U.S.A.

Title: Professor of Physics
e-mail: LGOULD@HARTFORD.EDU

Phone: (860) 768-4307
Fax: (860) 768-5244
[Add 001 before (860) if outside the U.S.]

Web site: <http://uhaweb.hartford.edu/LGOULD/>

Past Chair (2004), New England Section of the American Physical Society

Chairman of the Executive Board, International Symmetry Association
http://www.c3.hu/~symmetry/isa_leadership.html

SYMMETRY: Culture and Science — Table of Contents at:
http://symmetry.hu/scs_online/scs_online.html

For the layperson: Climate Video by Warren Meyer; 1h 30 minutes --- Excellent coverage of main issues.

<http://www.climate-skeptic.com/>

and his

Table of Contents: A Layman's Guide to Man-Made Global Warming <<http://www.climate-skeptic.com/2007/09/table-of-conten.html>> or <http://www.climate-skeptic.com/2007/09/table-of-conten.html>

18 Sept 2019