

RONALD E. DOEL

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EDUCATION

- 1990 Ph.D., Department of History, Princeton University, Princeton,
New Jersey
1983 M.A., American Studies, Bowling Green State University, Bowling
Green, Ohio
1978 B.A., English [astronomy minor], Northwestern University,
Evanston, Illinois

EMPLOYMENT

- 2008- Associate Professor, Department of History, Florida State University
(Affiliate Faculty, Dept. of Geography, FSU, 2011-)
2007-08 Director of Graduate Studies, Dept. of History, Oregon St. Univ.
2003-08 Associate Professor, Department of History and Department of
Geosciences, Oregon State University
1997-02 Assistant Professor, Departments of History and Department of
Geosciences, Oregon State University
1996-97 Visiting Assistant Professor of History of Science, Department of
History and the Geophysical Institute, University of Alaska
Fairbanks (1996-97)
1995-96 Research Associate, Department of History, University of Maryland,
College Park, MD
1995-98 Columbia University Oral History Research Office, Lamont-Doherty
Earth Observatory oral history project (chief interviewer, 1995-
1996; project director, 1997)
1994-95 Adjunct Faculty, Georgetown University; Adjunct Faculty, George
Mason University; Visiting Asst. Professor, University of Maryland
(College Park and Baltimore County)
1993-95 Postdoctoral Fellow, Smithsonian Institution
1989-93 Postdoctoral Historian, Center for History of Physics, American
Institute of Physics, New York

HONORS AND AWARDS

- University Undergraduate Teaching Award, FSU (Spring 2017)
Nominated for Graduate Teaching Award, FSU (2015)
Nominated for Office of Undergraduate Research (FSU) Undergraduate Research Mentor
Award (2013)

Phi Alpha Theta Outstanding Professor of the Year (2011-12), Florida State University
 Visiting Faculty, Center for Science Studies, Aarhus University, Denmark (*Fall 2011*)
 Nominated as Professor of the Year, Phi Alpha Theta, Department of History, Florida State University (2008-09)
 Member, Scientific Steering Committee, Boreas Programme, European Science Foundation (2006-2010)
 Visiting Fellow, Tanner Humanities Center, and Visiting Associate Professor, Department of History, University of Utah (2006-07)
 Loyd Carter Award for Outstanding and Inspiring Graduate Teaching, College of Science, OSU (2005)
 Chair, History of Geophysics Committee, American Geophysical Union (2002-08)
 University Honors College Faculty—nominated, College of Liberal Arts and in College of Science, Oregon State University (2001)
 Kappa Delta Professor of the Week Award, Oregon State University (November 2001)
 First place standing in university-wide teaching survey for enthusiasm for and familiarity with field, University of Maryland Baltimore County (1994)
 Guggenheim Fellow, Smithsonian Institution (1987-89)
 DAAD Fellowship, Goethe Institute, Schwäbisch Hall, West Germany (July-August, 1986)
 University Fellowship, Princeton University (annual, 1983-84 through 1986-87)
 Honors Faculty, Bowling Green State University (1983)
 E.L. Shuman Award for Excellence in English, Northwestern University (1978)
 Honors writing program, Northwestern University (1978)

OTHER AWARDS AND PROFESSIONAL SUPPORT (SELECTED)

American Geophysical Union Congressional Visit Day program, 2-3 May 2017 (Washington, DC)
 Undergraduate Research Office, UROP (Undergraduate Research Opportunity Program), three students, 2015-16; two students, 2016-17; four students, 2017-18
 Undergraduate Research Office award, Florida State University, Fall 2012
 "EAGER: New Ways of Writing History: Visualization of the Geography of Knowledge in Arctic Research, 1890s to 1960s," limited-funded participant, Arctic Social Sciences, National Science Foundation; Feb. 2011
 Provost's Travel Award, Florida State University [Barcelona, 4th Int. European History of Science Congress, November 2010]
 "Exploring Greenland: Science and Technology in Cold War Settings," Carlsberg Foundation, Feb. 2010, Matthias Heymann, Århus University, Denmark, Project Leader [Associate member, no direct-funds, 7-member international project]
 Presenter grant for history session at International Association of Geomagnetism and Aeronomy meeting, Sopron, Hungary, August 2009.
 International workshop "Out of the Cold: Scientific Ways of Knowing in Histories of the Circumpolar North," in Iqaluit, Canada, European Science Foundation Co-PI with Suzanne Zeller, Wilfrid Laurier University, Waterloo, ON, Canada. [\$55,000]
 "Colony, Empire, Environment: A Comparative International History of Twentieth Century Arctic Science." [Project Leader, Boreas initiative, European Science Foundation; eight international collaborators; PI award \$489,000]
 International workshop "Boreal Connections: Environments, Narratives and Histories" in Reykjavik and Reykholt, Iceland, European Science Foundation, co-PI with Astrid Ogilvie, University of Colorado, October 2008. [co-PI, \$66,576]
 "Integrating History and Geographic Information Systems," National Oceanographic and Atmospheric Administration, 2006-07 [PI, \$8000]

History of the International Geophysical Year (1957-58) at its Fiftieth Anniversary, Lounsbery Foundation, Washington, D.C., 2006-07 [\$5000]
 "Using Oral Histories to Preserve the Heritage of NOAA's Arctic Research Programs," Preserve America Initiative Grant [National Oceanic and Atmospheric Administration], co-PI, 2005 [\$15,000]
 World War II Oral History Project, National Park Service [co-PI, 2004] [\$9635]
 Chemical Heritage Foundation (travel grant, summer 2002)
 Lyndon Johnson Presidential Library Travel Grant (2001)
 University of Wyoming, American Heritage Center research fellowship (2000)
 Center for History of Physics, American Institute of Physics, grant-in-aid for science attaché oral history project (July 2000; renewing grants in 2001 and 2002)
 National Science Foundation, Principal Investigator grant award, "Science, the Cold War, and Democratic Values: Scientists in U.S. Foreign Policy, 1945-1963," SBR-9511867, 1995-2000. [\$106,550]
 Herbert C. Pollock Award, 1995 [\$10,000]
 Research and Travel Award, Dwight D. Eisenhower Presidential Library (1994)
 Research and Travel Award, Harry S. Truman Presidential Library (1994)
 National Endowment for the Humanities travel/research grant FE-27739-93, International Science during the Cold War, 1945-1961, (1992)
 National Science Foundation, Principal Investigator grant award, "Rise and Institutionalization of Geophysics in American Universities," DIR-9112304, 1992-1995. [\$50,000]
 Research Grant-in-Aids, Center for History of Physics, American Institute of Physics, New York (1986)

SCHOLARLY WORK: HISTORY AND HISTORY OF SCIENCE

BOOKS AND EDITED VOLUMES:

Doel, Ronald E., Kristine C. Harper, and Matthias Heymann, eds. *Exploring Greenland: Cold War Science and Technology on Ice*, Palgrave Macmillan Press, New York, 2016).
 Doel, Ronald E., Suzanne Zeller, and Urban Wråkberg, eds. *Science, Environment, and the New Arctic*, special issue of the *Journal of Historical Geography* (vol. 44, 2014).
 Doel, Ronald E. and Thomas Söderqvist, eds. *The Historiography of Recent Science, Technology, and Medicine: Writing Recent Science* (London: Routledge, 2006).
 Doel, Ronald E. 1996. *Solar System Astronomy in America: Communities, Patronage, and Interdisciplinary Research* (Cambridge University Press, 1996). Reissued as paperback July 2009.
 Doel, Ronald E. and Robert McCutcheon et. al., eds. 1995. *Astronomy and the Soviet State*, special issue of the *Journal for History of Astronomy* (November 1995)

CURRENT BOOK PROJECTS:

Cold War Planet: How Military Patronage Shaped the Cold War Environmental Sciences (in preparation; all chapters drafted)
The Empire of American Science: Photographic Narratives and Visual Evidence (working title; co-author with Pamela M. Henson; in preparation; several chapters in draft)

Articles and Book Chapters, by topic:

A. COLD WAR SCIENCE AND INTERNATIONAL RELATIONS

- Doel, Ronald E. "Science in the History of American Foreign Policy," *Passport* (Society for the History of American Foreign Relations), invited contribution, forthcoming.
- Doel, Ronald E. "Internationalism in Science since 1940." In David N. Livingstone and Ronald L. Numbers, eds., *The Cambridge History of Science Vol. 8: Modern Science in National and International Context* (New York: Cambridge University Press, forthcoming).
- Doel, Ronald E. and Kristine C. Harper. "Science and Technology in World War II." In G. Kurt Piehler, ed., *Oxford Handbook of World War II* (New York: Oxford University Press, forthcoming)
- Doel, Ronald E. "Die Beurteilung aus der Ferne: Erforschung des Kalten Krieges sowjetischen Arktis aus Washington, DC." In Alexander Ananyev, Klaus Gestwa, and Matthias Uhl, eds., *Die Geschichte der Sowjetischen Arktis: Repräsentationen und Aneignungen seit 1917* (Paderborn: Ferdinand Schöningh Verlag, 2017, in press).
- Doel, Ronald E., Kristine C. Harper and Matthias Heymann. "Introduction: Exploring Greenland's Secrets—Science, Technology, Diplomacy, and Cold War Planning in Global Contexts," in Ronald E. Doel, Kristine C. Harper, Matthias Heymann, eds., *Exploring Greenland: Cold War Science and Technology on Ice* (Palgrave MacMillan, 2016): 1-22.
- Doel, Ronald E., "Defending the North American Continent: Why the Physical Environmental Sciences Mattered in Cold War Greenland." In Ronald E. Doel, Kristine C. Harper, Matthias Heymann, eds., *Exploring Greenland: Cold War Science and Technology on Ice* (Palgrave MacMillan, 2016): 25-46.
- Doel, Ronald E. 2015. "Scientists, Secrecy, and Scientific Intelligence: The Challenges of International Science in Cold War America." In Jeroen Dongen, ed., *Cold War Science* (Leiden: Brill), 9-35.
- Doel, Ronald E. 2010. "What about Scientific Intelligence?" *Centaurus Spotlight Contribution*, Vol. 57, 311-322.
- Harper, Kristine C. and Ronald E. Doel. 2010. "Environmental Diplomacy in the Cold War: Weather Control, the United States, and India (1966-1967)." In John R. McNeill and Corinna M. Unger, eds., *Environmental Histories of the Cold War* (New York: Cambridge University Press), 115-137.
- Doel, Ronald E. and Kristine C. Harper. 2006. "Prometheus Unleashed: Science as a Diplomatic Weapon in the Lyndon B. Johnson Administration." In John Krige and Kai-Henrik Barth, eds., *Global Power Knowledge: Science, Technology, and International Affairs. Osiris 21*, 66-85.
- Doel, Ronald E., Dieter Hoffmann, and Nikolai Kremmentsov, 2005. "National States and International Science: A Comparative History of International Science Congresses in Hitler's Germany, Stalin's Russia, and Cold War United States." *Osiris 20*, 49-76.
- Doel, Ronald E., 2004. "Roger Adams: Linking University Science with Policy on the World Stage." Peer-reviewed chapter in Lillian Hoddeson, ed., *No Boundaries: University of Illinois Vignettes* (Champaign-Urbana: University of Illinois Press), 124-144.
- Doel, Ronald E. and Zuoyue Wang, 2001. "Science and Technology in American Foreign Policy." In Alexander DeConde, Richard Dean Burns and Fredrik Logevall, eds., *Encyclopedia of American Foreign Policy*, Rev. Ed. (New York: Charles Scribners' Sons), 443-459.
- Doel, Ronald E. and Allan A. Needell, 1997. "Science, Scientists, and the CIA: Balancing International Ideals, National Needs, and Professional Opportunities." In Rhodri Jeffreys-Jones and Christopher Andrew, eds., *Eternal Vigilance? Fifty Years of the CIA*,

- special edition of *Intelligence and National Security* and separate book (London: Frank Cass, Publishers), 59-81.
- Doel, Ronald E., 1997. "Scientists as Policymakers, Advisors, and Intelligence Agents: Linking Diplomatic History with the History of Science." In Thomas Söderqvist, ed., *The Historiography of The History of Contemporary Science, Technology, and Medicine* (London: Harwood Academic Press), 33-62.
- Doel, Ronald E., 1993. "International Science in the Cold War: The Politics of U.S.-Soviet Astronomy, 1950-1961" (Abstract). *Bulletin of the American Astronomical Society* 25, 4: 1290.
- Doel, Ronald E., 1992. "Evaluating Soviet Lunar Science in Cold War America." *Osiris* 7 ("Science after Forty" volume, Arnold Thackray, ed.), pp. 238-264.

Two revised and updated versions were published as:

- * Doel, Ronald E. "Kholodnaia voina i mezhdunarodnye otnosheniia v nauke: Kak Dzherard P. Koiper otsenil ochevidnoe obnaruzhenie vulkanicheskikh iavlenii na Lune Nikolaem Aleksandrovichem Kozyrevym," *Istoriko-astronomicheskie issledovaniia* (Russian Academy of Sciences), 1995 edition.
- * Doel, Ronald E. "The Kozyrev-Kuiper Controversy over Lunar Volcanism: An Episode in Soviet-U.S. Relations during the Cold War," In L.S. Shikhobalov, A.N. Dadaev, N.N. Kazansky, D.N. Kozyrev, and F.N. Kozyrev (eds.) ed., *Время и звезды: к 100-летию Н.А. Козырева (Time and Stars: The Centenary of N.A. Kozyrev)* (St. Petersburg: Nestor-Historia, 2008): 308-351 [with a 2007 Postscript, pp. 348-351]

B. HISTORY OF THE EARTH AND ENVIRONMENTAL SCIENCES

- Doel, Ronald E. and Craig Bethke. "M. King Hubbert and the Rise of Quantitative Hydrogeology." Invited as special contribution to *Reviews of Geophysics* (in preparation).
- Doel, Ronald E. "Foreword." In Roberto Cantoni, *Oil Exploration, Diplomacy, and Security in the Early Cold War: Italian and French energy strategies, 1945-1962* (London: Routledge, 2017): x-xii.
- Doel, Ronald E. "An Unanticipated Legacy: How Cold War Military Concerns created Knowledge about Climate Change." In Mili Ghose, ed., *History of Global Climate Change* (New Delhi: Primus Books, forthcoming 2017).
- Doel, Ronald E., Robert Marc Friedman, Julia Lajus, Sverker Sörlin, and Urban Wråkberg, "Strategic Arctic Sciences: State Aims, National Strategies, and the Growth of Arctic Natural Science Research—interwar years through the Cold War," Special edition of *Journal of Historical Geography* 44 (2014): 60-80. (Doel, Zeller, Wråkberg, eds., special edition).
- Doel, Ronald E., Suzanne Zeller, and Urban Wråkberg, "Science, Environmental Knowledge, and the New Arctic." Introduction to special edition of *Journal of Historical Geography*, 44 (2014): 2-14. (Doel, Zeller, Wråkberg, eds., special edition).
- Doel, Ronald E. "Geophysics in America." In *Oxford Encyclopedia of the History of Science, Medicine, and Technology*, Hugh R. Slotten, ed. (Oxford University Press, 2014): 456-460.
- Doel, Ronald E. "Cold Conflict: The Pentagon's Fascination with the Arctic (and Climate Change) in the Early Cold War," *Circumpolar Studies* 8 (2012): 147-160.
- Vance, Tiffany C. and Ronald E. Doel. "Graphical Methods and Cold War Scientific Practice: Tracing the Stommel Diagram's Journey from Physics to Biology." *Historical Studies in the Natural Sciences* 40, 1 (2010): 1-47. [Recommended publication by

- Faculty of 1000 Biology weblist, July 2010; a top-listed article in Stockholm Resilience Center discussion blog, summer 2010.]*
- Doel, Ronald E. "Quelle place pour les sciences de l'environnement physique dans l'histoire environnementale?" *Revue d'histoire moderne et contemporaine* [in French translation]; Vol. 56, no. 4 (2009): 137-164.
- Doel, Ronald E. "U.S. Military Interest in the Arctic: Approaches to Cold War History," *Proceedings of the International Workshop North and South: Dialogue between Cultures and Civilizations* (Novosibirsk: Russian Academy of Sciences Siberian Branch, 2009): not paginated [4 single-spaced pp.]
- Doel, Ronald E. and Kristine C. Harper. "Marie Tharp." *New Dictionary of Scientific Biography*. (New York: Charles Scribner and Sons, 2007): 29-31.
- Doel, Ronald E. "Hubbert, M. King." *New Dictionary of Scientific Biography*, vol. 21 (New York: Scribners, 2007): 395-400.
- Doel, Ronald E. "Kuiper, Gerard P." *New Dictionary of Scientific Biography* (New York: Scribners, 2007): 177-181.
- Doel, Ronald E., Tanya J. Levin, and Mason K. Marker. 2006. "Extending Modern Cartography to the Ocean Depths: Military Patronage, Cold War Priorities, and the Heezen-Tharp Mapping Project, 1952-1959." *Journal of Historical Geography* 32, 3: 605-626. [Selected for inclusion and reprinted in "Virtual Special Edition: Celebrating the Journal of Historical Geography at 40," Miles Ogborn and Christian Brannstrom, co-editors in chief, Elsevier, 2015]
- Doel, Ronald E., 2003. "Constituting the Postwar Earth Sciences: The Military's Influence on the Environmental Sciences in the USA After 1945." *Social Studies of Science* 33, 5: 635-666.
- Oreskes, Naomi and Ronald E. Doel, 2002. "Physics and Chemistry of the Earth." In Mary Jo Nye, editor, *The Cambridge History of Science Vol. 5: Modern Physical and Mathematical Sciences* (New York: Cambridge University Press), pp. 538-552.
- Levin, Tanya J. and Ronald E. Doel, 2000. "The Lamont Doherty Earth Observatory Oral History Project: A Review of Preliminary Results." *Earth Sciences History* 19, 1, pp. 26-32.
- Doel, Ronald E., Tanya J. Levin, and Michael P. Sfraga, contributors, 1999. *Stories from the Collection: The Lamont-Doherty Earth Observatory*. Two-CD set, Columbia University Oral History Research Office (selections and transition text)
- Doel, Ronald E., 1998. "Geophysics in Universities." In Gregory A. Good, ed., *Sciences of the Earth: An Encyclopedia of Events, People, and Phenomena* (New York: Garland), pp. 380-384.
- Doel, Ronald E., 1997. "The Earth Sciences and Geophysics." In John Krige and Dominique Pestre, eds, *Science in the Twentieth Century* (London: Harwood Academic Publishers, 1997): 361-388.
- Doel, Ronald E. and Robert McCutcheon, 1995. Historical and historiographic introduction to special volume, "Astronomy and the State in the U.S.S.R. and Russia," *Journal for History of Astronomy* 26, 4, pp. 3-20.
- Doel, Ronald E., 1994. "The American Geophysical Union and the Earth Sciences in America: Historical Perspectives," *EOS Transactions* 79, 16, p. 49.
- Doel, Ronald E., 1990. "Redefining a Mission: The Smithsonian Astrophysical Observatory On the Move," *Journal for History of Astronomy* 21, pp. 139-152.
- Doel, Ronald E., 1990. "Competition and Myth: Solar System Astronomy on the Eve of Space Exploration, 1952-1959" (Abstract). *Bulletin of the American Astronomical Society* 22, 3, p. 1038.

C. HISTORIOGRAPHY, HISTORICAL METHODOLOGY AND PUBLIC HISTORY

- Doel, Ronald E. and Pamela M. Henson. "What Historical Photographs from the Empire of American Science Tell Us." Invited contribution to *Endeavour*, in preparation.
- Doel, Ronald E., 2012. "Science and Religion in the Modern State: A View from the History of Science." In Volker Depkat et. al., eds., *Religion and Politics: Transnational Approaches to the History of Religion and Political Order in Europe and the United States of America* (Washington, D.C.: Woodrow Wilson Center Press / The Johns Hopkins University Press, 2013), 131-148.
- Doel, Ronald E. and Thomas Söderqvist, 2006. "What We Know, What We Do Not– And Why It Matters," introduction to Doel and Söderqvist., eds., *The Historiography of Recent Science, Technology, and Medicine: Writing Recent Science* (London: Routledge, 1-12).
- Doel, Ronald E. and Pamela M. Henson, 2006. "Reading Photographs: Photographs as Evidence in Writing the History of Recent Science." In Ronald E. Doel and Thomas Söderqvist, eds., *Writing Recent Science* (London: Routledge), 201-236.
- Doel, Ronald E., 2003. "Oral History of American Science: A Forty Year Review," *History of Science* 41, 349-378.
- Doel, Ronald E., 2002. "Why Value History?" *EOS* [Journal of the American Geophysical Union] 84, 47, 545-546.
- Doel, Ronald E., 2000. "'Ustnaia istoriia' v istoriografii sovremennoi nauki: opyt i problemy." ["Archival Oral History Interviews in the History of Science."] *Voprosy Istorii Estestvoznaniia i Tekhniki* 4, 60-88.
- Doel, Ronald E., 1994. "Expeditions and the Carnegie Institution of Washington: Reflections and Contentions." In *The History of Geophysics* 5, 79-87.
- Doel, Ronald E. and Caroline Moseley, 1994. "Cold War Soviet Science: Manuscripts and Oral Histories." *Cold War International History Project Bulletin* 4: 2, 13.

D. Popular Articles

- Doel, Ronald E. [fifth author] with Daniel Horton, Rafael Loureiro, Kimberly Pependorf, Christine Downs, T. Prabhakar Clement, and Adam Kobelski. "You should advocate for science." *EOS* [revised draft submitted November 2017].
- Doel, Ronald E., 2000. "Polar Melting When the Cold War was Hot." San Francisco *Examiner* op-ed page contribution [October 3], p. A15 [Also distributed by *New York Times* wire service, same day, and Scripps Howard News Service, 6 October].
- Doel, Ronald E., 1998. "Lamont-Doherty Earth Observatory Explores its History." *Earth Matters* [Spring], 12-13.
- Doel, Ronald E., 1996. "The Lunar Volcanism Controversy," *Sky and Telescope* 92, 4, 26-31.

E. Book Reviews and Related Professional Publications:

Longer Essays:

- On Merchants of Doubt: How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smoke to Global Warming*, by Naomi Oreskes and Erik Conway. *H-Environment Roundtable Reviews* 1, 2 (2011), 18-23.
- On *A History of Modern Planetary Physics*, volumes 1-3, by Stephen G. Brush. *Isis* 90, 3 (September 1999), 563-568.
- American Astronomy: Community, Careers, and Power, 1859-1940*, by John Lankford. *Science* 276 (5317), 30 May 1997: 1343.

On Journey into Space: The First Thirty Years of Space Exploration, by Bruce Murray. *Physics Today* 43, 10 (1990), 95-96.

Reviews:

- Ice Blink: Navigating Northern Environmental History*, edited by Stephen Bocking and Brad Martin. *Arctic* (in preparation; forthcoming 2018)
- Scientists at War: The Ethics of Cold War Weapons Research*, by Sarah Bridger. *Isis* 108, 2 (2017): 491-493.
- Behind the Curve: Science and the Politics of Global Warming*, by Joshua P. Howe. *American Historical Review* 120, 4 (2015): 1526-1527.
- A Vast Machine: Computer Models, Climate Data, and the Politics of Global Warming*, by Paul N. Edwards. *American Historical Review* 116, 2 (2011): 421-422.
- The Fluid Envelope of Our Planet: How the Study of Ocean Currents Became a Science*, by Eric L. Mills. *Isis* 102, 1 (2011): 151-153.
- The Honest Broker: Making Sense of Science in Policy and Politics*, by Roger Pielke, Jr. *Isis* 99 (2008): 658-659.
- Into the Black: JPL and the American Space Program, 1976-2004*, by Peter Westwick. *Journal for the History of Astronomy* 39, 1 (2008): 122-135.
- Pedagogy and the Practice of Science: Historical and Contemporary Perspectives*, ed. by David Kaiser. *Isis* 97, 4 (2006): 734-5.
- Babylon to Voyager and Beyond: A History of Planetary Astronomy*, by David Leverington. *Journal for the History of Astronomy* 36, 3 (August 2005): 347-349.
- Wizards of Langley: Inside the CIA's Directorate of Science and Technology*, by Jeffrey T. Richelson. *Isis* 95, 4 (2004): 751-752.
- Scientists, Business, and the State, 1890-1960*, by Patrick J. McGrath. *Isis*, 94, 1 (2003): 152-153.
- Henry Norris Russell: Dean of American Astronomers*, by David H. DeVorkin. *Journal for the History of Astronomy* 32, 4 (2001): 366-369.
- Looking for Earths*, by Alan Boss. *Isis* 91, 3 (2000): 621.
- To See the Unseen*, by Andrew J. Butrica. *Journal for the History of Astronomy* 31, 1 (2000): 79-81.
- The Origin of the Solar System: Soviet Research, 1925-1991*, edited by Aleksey E. Levin and Steven G. Brush. *Isis*, 87, 2 (1996): 391-2.
- Race to the Moon: America's Duel with the Soviets*, by William B. Breuer. *Isis* 86, 1 (1995): 141-143.
- To A Rocky Moon: A Geologist's History of Lunar Exploration*, by Don E. Wilhelms. *Journal for the History of Astronomy* 25, 2 (1994): 149-151.
- Ancient Light: Our Changing View of the Universe*, by Alan Lightman. *Isis* 83, 3 (1992): 466-467.
- Zur Geschichte der Festkörperphysik: Farbzentrenforschung bis 1940*, by Jürgen Teichmann. *Isis* 82, no. 312 (1991): 402-403.
- From Mineralogy to Geology: The Foundations of a Science, 1650-1830*, by Rachel Laudan. *AAAS Science Books and Films* (January/February 1989): 148.
- Historical entries in *Texas State Historical Association: The Handbook of Texas* and the *American National Biography*; selected entries on the history and historiography of astronomy, geophysics, and American science in *The History of Astronomy: An Encyclopedia* and *The History of Science in the United States: An Encyclopedia* (both New York: Garland Press, 1994), and compilations of recent articles in the history of physics and allied sciences (*Newsletter*, Center for History of Physics).

INVITED LECTURES AND CONFERENCE PRESENTATIONS

Invited presenter, Stimulating Natural Science Research in Cold War Buenos Aires, Santiago, and Accra: The International Geophysical Year (1957-58) in Comparative Global

- Contexts," European Society for the History of Science, London, England, 14-17 September 2018 (*forthcoming*)
- Invited presenter, "Exploring the Production of Knowledge: Oral Interviews and Research Schools," International Oral History Association meeting, Jyväskylä, Finland, 18–21 June 2018 (*forthcoming*)
- Invited participant and presenter, at conference "The Right Use of the Earth: International Conference on Knowledge, Power, and Duties within a Finite Planet," École normale supérieure, Paris, France, 29 May-1 June 2018 (*forthcoming*)
- Invited presenter, with Pamela M. Henson, "PhotoHistory/PhotoFuture" conference, Rochester Institute of Technology Press, Rochester, NY 21-22 April 2018 (*forthcoming*)
- Invited participant, "A 'Hidden Hand' in Eisenhower Science Policy: U.S. Interest in Eastern Bloc Science and Technology," in Symposium "West-East Transfer of Technology during the Cold War," 25th International Congress of History of Science and Technology, Rio de Janeiro, Brazil, July 2017
- Invited speaker, "Telling Stories about Cold War Greenland: the ultimate triumph of the environmental sciences." Niels Bohr Archive, Copenhagen, 16 June 2017.
- Invited participant, "Militarizing (and demilitarizing) Cold War Arctic Spaces: Shifting Technologies, Strategies, and Field Practices," Session 14.1, The Formation of Northern Spaces," ICASS IX, Umeå, Sweden, 9 June 2017
- Invited participant, School in Oral History of Science, Bangalore, India, January 2017 [postponed]. [*forthcoming*]
- Invited participant, "What Aims, What Motives? Determining Research Priorities in the International Indian Ocean Expedition, 1960-1965," in "Lessons Learned from Large-Scale Ocean Science Projects in the Indian Ocean" session, American Geophysical Union annual meeting, San Francisco, Dec. 2016
- Invited participant, "The 'underground' International Geophysical Year: How American geophysicists used overt diplomacy and covert scientific intelligence-gathering during the early Cold War," in session "The Acknowledged Ambassadors: Scientists' role in International Relations during the Cold War," European Society for the History of Science, September 2016
- Invited speaker, "The Visual Empire of American Science: What historical photographs can tell us," in session, "The Importance of History and Historical Records as Ecologists Confront the Anthropocene," Ecological Society of America annual meeting, Ft. Lauderdale, Florida, August 2016
- Invited presenter, International Oral History Association 19th Conference, Bangalore, India, 27 June-1 July 2016
- Invited keynote speaker, "Cold Science: Arctic Science in North America during the Cold War, 1945-1991," Trent University, Ontario, Canada, 30 April 2016.
- Invited participant, seventh annual Public Intellectuals workshop, Harvard University / Somerville Public Library, 1-2 April 2016
- "Are you sure? How Historical Images can shake up text-based Narratives," with Pamela M. Henson, invited poster at themed session on images, History of Science Society, San Francisco, California, November 2015.
- Invited speaker, "Sea floor mapping during the Cold War: What Might We Learn?" Department of Geography seminar series, FSU, 30 October 2015.
- Invited plenary session participant, "Oral Histories of Science, Technology, and Medicine," Oral History Society annual meeting, Royal Holloway, University of London, 10-11 July 2015.
- Invited speaker, "Geophysics, Patronage, and National Needs: IAGA from its Founding to the Cold War," International Union of Geodesy and Geophysics congress, Prague, June 2015.

- Invited presenter [with Kristine C. Harper], "Airing out Differences: Atmospheric Scientists and Astrophysicists as Public Intellectuals," sixth annual conference on Public Intellectuals," University of North Carolina Charlotte, 10-11 April 2015.
- Co-organizer and participant, roundtable session "Bipolar: Connecting Environmental Histories of the Twentieth Century Arctic and Antarctic," American Society for Environmental History, Washington, DC, March 2015.
- Invited speaker, "Perpetual Handmaidens: Creating Knowledge in the Shadows," 2014-15 Oral History, Medicine, and Health Workshop Series, Columbia University, New York, March 2015
- Invited plenary speaker, "History of Global Climate Change: Water, Ecology, Politics and the Management of Nature," Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata, India, 21 January 2015.
- Invited university lecture, "Weather Control as a Diplomatic Tool: India, the Lyndon B. Johnson Administration, and the Bihar Drought, 1965-1969," Department of History, Vidyasagar University, India, 20 January 2015
- Invited participant, roundtable session "Science and Supranational: Exploring the History of Science in Intergovernmental Organizations," History of Science Society annual meeting, Chicago, Illinois, November 2014.
- Invited presenter, "What we know (and particularly do not yet know) about twentieth Century Interdisciplinary Science," in session "History of Interdisciplinarity: What we do and do know not know—and why it matters," History of Science Society annual meeting, Chicago, Illinois, November 2014.
- Commentator, session "Scientists beyond the Iron Curtain: Interviews with Hungarian Émigré Scientists at the Chemical Heritage Foundation," Oral History Association annual meeting, 11 Oct. 2014, Madison, Wisconsin.
- Invited participant, "The Arctic Front of World War II," Committee of Culture and Art/Murmansk Museum of Regional Studies, Murmansk, Russia 18-20 September 2014. [*invited participant; unable to attend*]
- Invited participant, "Crossing Intellectual and Professional Frontiers: Historians and the Challenge of Multidisciplinary Research Projects" in session "A Challenge for Environmental History: Constructive Engaging with Multiple Disciplinary Research on Environmental Challenges," World Congress of Environmental History in Guimaraes, Portugal, 8-12 July 2014.
- Invited participant and mentor, "Practicing Oceanography: Historical Perspectives" workshop, Halifax, Nova Scotia, 14-17 June 2014
- Invited participant, with Kristine C. Harper, "Scientists as Public Intellectuals in Early Cold War America: Physicists in Comparative Perspective," Fifth Annual Public Intellectuals Conference, Harvard University, April 2014
- Invited participant, "Assessing from Afar: Exploring the Cold War Soviet Arctic from Washington, DC," at conference The Soviet Arctic: Exploration, Investigation, Representation (German Historical Institute, Moscow, 20-21 Feb. 2014)
- Chair, "Circumpolar Perspectives on Arctic and SubArctic Environments and Knowledge," American Historical Association conference, Washington, DC, 5 Jan. 2014
- Chair and commentator, "Clashing Claims to Expertise in Environmental and Energy Controversies: Peak Oil, Acid Rain, and Climatology, 1930-2010," American Historical Association conference, Washington, DC, 3 Jan. 2014
- Invited keynote speaker, "Science in Black: Scientific Intelligence and Scientific Practice in the Cold War Era," and participant, Workshop on Cold War Science, Leiden University, Holland, 16-20 Dec. 2013
- Chair and commentator, "Science, Diplomacy, and Security in the Cold War" session, History of Science Society, Boston, MA, Nov. 2013

- Invited participant and presenter, Conference on the 1973 Oil Shock, European University Institute, Florence, Italy, Sept. 2013
- Invited participant, "Geophysicists in Scientific Internationalism: From the Cold War to the Present," and presenter, Davos Atmosphere and Cryosphere Assembly DACA-13 [History section], Switzerland, July 2013
- Invited participant and poster presenter, "Autobiographical Memory in History: Reconstructing Generational Identity," Social Perspectives on Autobiographical Memory conference, Aarhus University, 20-21 June 2013
- Invited participant and presenter, "Dark Matters: Contents and Discontents of Cold War Science," Barcelona, Spain, 30 May-1 June 2013
- Invited presenter, Calotte Academy 2013 (Resource Geopolitics and Energy Security), Kiruna, Sweden, 22-23 May 2013
- Invited participant and commentator [two separate sessions], American Society of Environmental History, Toronto, Ontario, Canada, 3-6 April 2013
- Invited participant and presenter, "Knowledge Production about Planet Earth and the Global Environment as Indicators of Social Change," Zurich, Switzerland, 23-25 January 2013
- Invited commentator, "Science, Technology, and the Military in a Cold War Setting: Exploring Shifting Configurations and Specific Interventions in Greenland from 1951 to 1968" session, Society for History of Technology annual meeting, Copenhagen, Denmark, 4-7 October 2012
- Invited participant and conference organizer, Conference on Intellectual and Institutional Innovation, Berlin-Brandenburg Academy of Sciences and Humanities, Germany, 13-15 September 2012
- Invited participant, "Circulation of Knowledge in a Divided World: Attraction, Confrontation, Cooperation among Expert Communities in Cold War Times," National Research University, Higher School of Economics, St. Petersburg, Russia, 5 September 2012
- Invited participant and senior mentor, "Natural Resources: Historical Ideas, Exploration, and Exploitation," National Research University, Higher School of Economics, St. Petersburg, Russia, 28-31 August 2012
- Invited participant, "Cold War, Blue Planet: The Rise of the Environmental Sciences in an Age of Political Tensions," University of Manchester, England, 27-29 June 2012
- Invited participant, "Writing Pugwash Histories: From Hiroshima to Nagasaki to Kabul and Gaza," Institute for Contemporary History, University of Vienna, Vienna, Austria, 10-12 May 2012
- Invited speaker, "Science, Management and Geopolitics: Connections over Time (and why they matter)," Montreal IPY (International Polar Year) Conference, 22-29 April 2012
- "Professional Photographers as Public Intellectuals: Roy Stryker, Visual Narratives, and Shifting Visions of American Science and Technology from the New Deal era to the Cold War," invited participant to Third Annual Public Intellectuals Conference, Harvard University, 12-15 April 2012
- Invited speaker, "Politics and Contexts of Science Studies during the Cold War and Beyond," International workshop sponsored by Alfried Krupp Wissenschaftskolleg Greifswald, Germany March 22-24, 2012
- Invited commentator for conference, "Science and Politics at War: New Relations in the Post War Era," Danish National Committee for the History and Philosophy of Science Annual Conference, Aarhus University, Denmark, 13-14 December 2011
- Invited Commentator, "Authority and Production of Environmental Knowledge in Comparative Perspective" session, American Society of Eastern European Studies, 17-20 November 2011, Washington, DC.

- Invited Commentator, "How to Interview a Scientist: Research, Methods and Challenges," Oral History Association annual meeting, 12-16 Oct. 2011, Denver, CO
- Panelist, "Lessons of the Cold War University," at "The University and National Security after 9/11," Case Western Reserve University School of Law, 23 September 2011, Cleveland, OH
- Co-convenor, "History of Geosciences from Terrestrial to Spaceborne Observations" symposium, IAGA Inter-Divisional Commission on History, International Union of Geodesy and Geophysics meeting, Melbourne, Australia, June-July 2011
- "Militaryizing the North American and Greenlandic Arctic: Reshaping Landscapes in the Cold War North." The Seventh International Congress of the Arctic Social Sciences (ICASS VII), Akureyri, Iceland, 22-26 June 2011
- "Religion, Science, and Cold War Visions: J. Laurence Kulp and the Challenge of 20th Century Biography," Second Annual Public Intellectuals Conference, Harvard University, 7-9 April 2011.
- "Constituting the Arctic Environment: Military funding, Polar Warming, and the Rise of the Physical Environmental Sciences," at "Exploring Ice and Snow in the Cold War" workshop, Rachel Carson Center for Environment and Society at the Deutsches Museum, Munich, Germany, Jan. 2011
- Invited commentator, "The Landscape of National Security: Cold War Military Installations, Political Change, and the Transformation of Place" session, American Historical Association, Boston, MA Jan. 2011
- "Exploring Greenland: Denmark, the U.S. Military and Science and Technology in the Cold War," co-presentation with Matthias Heymann, Department of Science Studies, Aarhus University, 9 Dec. 2010
- "Challenging Cornucopian Dreams: M. King Hubbert's Advocacy of Peak Oil and Natural Limits," History of Science seminar series, Niels Bohr Archive, Copenhagen, Denmark, 6 Dec. 2010
- "Militaryizing the Arctic in cold war North America: The Contrasting Cases of Canada and the United States," with Kristine C. Harper, Arctic Science and Technology in the Cold War session, International Conference of the European Society for the History of Science, Barcelona, 18-20 November 2010
- "The Kozyrev-Kuiper Controversy over Lunar Volcanism: Evaluating Lunar Science in Cold War America," Lunar Morphology Workshop, Hartness Stellation Museum, Springfield, Vermont, 5 August 2010
- Commentator and Chair for session "Cross-border gaze on the Northern landscape and environment," VIII World Congress of the International Council on Central and Eastern European Studies, Stockholm, Sweden, 26-31 July 2010
- "Out of this World: NASA's Legacy of Exploration," invited talk, Art in Exploration series, Museum of Florida History, Tallahassee, FL, 7 July 2010
- Senior commentator and mentor, "Arctic Perspectives" workshop, Naryan Mar, Russia, 23-27 June 2010
- Session co-convenor, chair, and presenter at Oslo Science Conference, Oslo, Norway, 8-12 June 2010, including "Histories from the North: A Major Interdisciplinary Programme of Humanities Research in the Arctic" [talk on "Colony, Empire, Environment," 10 June]; "Field Stations in the Temperate and Arctic Seas: Pedagogy and Practice in the Physical Environmental Sciences" and "Comparative International Histories of the modern Arctic: Insights from the ESF BOREAS initiative 'Colony, Empire, Environment' project" [poster presentations, 10 June], and "Constituting the Arctic Environment" [History of Polar Exploration, Research, and Logistics session, 11 June].

- "Scientists as Public Intellectuals in the Cold War: Issues Beyond Physics and Ecology,"
First Annual Public Intellectuals Conference, Harvard University, Cambridge,
Massachusetts, 23-24 April 2010
- Presenter and participant, Large-scale Historical Exploitation of Polar Areas (LASHIPA)
meeting, St. Petersburg, Russia, 2-4 November 2009
- Commentator and participant, Second BOREAS conference Rovaniemi, Finland, 28-31
October 2009
- "Extending Baselines in the Natural Sciences: Using Historical Data and Methods in Long
Term Ecodynamics Studies," Global Long Term Ecodynamics Conference, Eagle
Hill, Maine, 15-18 October 2009
- "Creating New Narratives: Oral History and Photographs in Writing the History of Recent
Science" [with Pamela M. Henson], Oral History and Photography Panel B: Image
and Testimony as Historical Evidence, Oral History Association annual meeting, 14-
18 October 2009
- "National History, International Context: Collaborative Research on Circumpolar Science
and Environment in the BOREAS Programme," Keynote address [jointly with
Suzanne Zeller, Wilfrid Laurier University], Canadian Science and Technology
Historical Association, Quebec City, Canada, 25 September 2009
- Panelist and presenter at "Out of the Cold: Scientific Ways of Knowing in Histories of the
Circumpolar Arctic," Iqaluit, Nunavut, Canada, 4-9 September 2009
- "Specialists and Generalists in Science," in session "von Humboldt's legacy after 150 years,"
International Association of Geomagnetism and Aeronomy, 11th Scientific
Assembly, Sopron, Hungary, August 2009
- "Through the Eyes of 'Experts': Multifaceted Perceptions of the Arctic Environment."
Session at the First World Conference on Environmental History, Copenhagen,
Denmark, August 2009 [session co-organizer and presenter]
- "U.S. Military Interest in the Arctic: Approaches to Cold War History," International
Workshop—North and South: Dialogue between Cultures and Civilizations,
Russian Academy of Sciences, Siberian Branch, Novosibirsk, Russia, 14-16 May
2009
- "Who Paid for Science in Twentieth Century America? A Big Picture View of U.S.
Philanthropy," Ideas, History, & Principled Action: A Conference in Honor of
Lawrence J. Friedman, Harvard University, 24-26 April 2009
- "Calculating Petroleum Reserves in the mid-20th Century: M. King Hubbert and the
Controversy over Peak Oil." Department of Geology Colloquium series, Florida
State University, 3 April 2009
- "What's the Place of the Physical Environmental Sciences in the History of Recent Science?"
Department of History Colloquium Series, University of Florida, Gainesville, 1 April
2009
- "Roundtable: The Arctic as Environment: Conceiving the Arctic Landscape from the late
Nineteenth Century to the Present." Session at American Society for Environmental
History, Tallahassee, Florida, 27 February 2009 [session organizer and presenter.]
- "Boreal Connections: Environments, Narratives and Histories" [workshop jointly organized
by Doel and Astrid Ogilvie under the auspices of the BOREAS initiative, European
Science Foundation [Reykholt, Iceland, 20-26 October 2008]
- International Symposium on State Power, Science and the Reorganization of Space in
Europe under National Socialism, University of Toronto, 15-17 Oct. 2008 [invited
commentator]
- "Lessons from the Arctic North: Why History Matters." Special International Polar Year
seminar, International Arctic Social Sciences Association 6th Congress, Nuuk,
Greenland, 21-27 August 2008

- "Constituting the North? History's Role in Understanding Uses and Production of Knowledge in the Arctic," session co-organized with Urban Wråkberg at International Arctic Social Sciences Association 6th Congress, Nuuk, Greenland, 21-27 August 2008
- "Ways of Knowing the Field: International Conference on the History of Fieldwork, Cartography and Scientific Exploration," Roskilde University, Copenhagen, 13-15 August 2008
- "Postwar Geographies: The U.S. Military's Role in Shaping the Environmental Sciences after the Civil War and World War II," American Studies lectures series, University of Regensburg, Germany, 27 May 2008
- Krefeld Historical Symposium 2008: Religion and Politics—Transnational Approaches to the History of Religion and Political Order in Europe and the United States of America. Invited commentator for session "Religion, Science, and Technology." Krefeld, Germany, 22-25 May 2008
- "History that Matters: The Life and Heritage of Science" symposium [commentator], Center for History of Physics, American Institute of Physics, 9 May 2008, College Park, MD
- Facilitator (history), New-Generation of Polar Researchers symposium, 4-11 May 2008, Colorado Springs, CO
- "Colony, Empire, Environment: Perspectives on Arctic History of Science and Environmental History," Large-scale Historical Exploitation of Polar Areas workshop, Michigan Technological University, Houghton, MI, 28 April – 1 May 2008
- "The Cold War, the Pentagon, and Climate Change: Military Patronage and the Shaping of Cold War Science," Department of History, Florida State University, 17 March 2008
- "Putting Arctic Environmental Science in Historical Perspective: The hot Cold War and Beyond," invited presentation at "Heading North, Heading South: Arctic Social Sciences Research in a Global Dialogue" conference, Max Planck Institute for Social Anthropology, Halle, Germany, 6-9 March 2008
- "What's the Place of the Physical Environmental Sciences in the History of Recent Science?" Berkeley-UCSF Colloquium in History of Science, Technology, and Medicine, Feb. 11, 2008
- "Field Stations at Sea: Pedagogy and Practice in the Physical Environmental Sciences," Ways of Knowing the Field Session, 4S meeting, Montreal, Canada, Oct. 11, 2007
- "Lessons from the Northern Past: Assessing the Arctic Environment," Global Knowledge, Local Consequences: International Mini-symposium on Field Science, Environmentalism, Natural Resources Management and Regional Development, Barents Institute, Kirkenes, Norway, 22 August 2007 [*part of meeting of "Colony, Empire, Environment research group, which I direct, from 21-24 August, Kirkenes, Norway and Murmansk, Russia*]
- "What's the Place of the Physical Environmental Sciences in the History of Modern Science?" Towards a History of Earth Systems Science conference, Lalone-les-Maures, France, July 2007 [*invited speaker and workshop instructor*]
- "Sydney Chapman: Cold War Intrigue and Governance of the IGY," for "IGY+50 and I*Y: The International Geophysical Year 1957/58 and the international years of 2007/08, International Union of Geodesy and Geophysics meeting, Perugia, Italy, July 2007
- "Field Stations at Sea: Pedagogy and Practice in the Physical Environmental Sciences," IPY Workshop, The History of Polar Field Stations, Scott Polar Research Institute, University of Cambridge, May 2007 [*presented in absentia*]
- Invited participant, E.N. Brandt Oral History Symposium, Chemical Heritage Foundation, Philadelphia, May 2007 [*scheduling conflict*]

- "Ewing's Mansion: The Rise of the Physical Environmental Sciences in Cold War America." Tanner Humanities Center, University of Utah, May 2007.
- "An Abomination Unto the Lord: M. King Hubbert's Efforts to Resist Cold War Geoengineering." In session "Controlling Nature? New Perspectives on Environmental Technologies in the Cold War Era," American Society for Environmental History meeting, Baton Rouge, LA, Feb. 28- March 3, 2007.
- "Secret Struggles over International Science Policy in the Truman and Eisenhower Administrations." Russian-American Relations in Past and Present: Images, Myths, and Reality, Russian State University for the Humanities, Moscow, February 2007 [*scheduling conflict; could not attend*]; also at Department of History, University of Utah, Jan. 2007
- "Cold War Military Patronage and the Environmental Sciences in the Far North," Continuity and Change in the Far North conference, Barents Institute, Norway, Jan. 2007.
- Participant, "Natural Knowledge: Roundtable on the Histories of Science and the Environment," History of Science Society meeting, Vancouver, British Columbia, Nov. 2006
- Invited Presenter, "Histories of the North – Environments, Movements, Narratives," Scott Polar Research Institute, Cambridge University, Oct. 15-17, 2006.
- Invited Presenter, Science & Foreign Policy Conference, Royal Institute of Technology / Swedish Academy of Sciences, Stockholm, September 29-30, 2006. [Also Niels Bohr Institute, Copenhagen, Sept. 26, 2006].
- Panelist, "No Nature: Negotiating the Intersections of the Histories of Science, Technology, and the Environment," American Society for Environmental History, Minneapolis, March 2006. [Also scheduled for History of Science Society meeting, Fall 2006.]
- Invited speaker, Ecosystem Information IGERT Program, Oregon State University: "Extending the Baseline: Using Historical Data to Reconstruct Ecosystem Processes." May 31, 2006.
- [with *Tiffany C. Vance and Kristine Harper*]. "Cold History: Assessing NOAA's Role in the Arctic." President's History Symposium, American Meteorological Society, Atlanta, GA., Jan-Feb. 2006. [*in absentia*]
- Commentator, "Author Meets Critics: Geoff Cunfer's On the Great Plains: Agriculture and Environment." Social Science History Association, Portland, Oregon, November 2005.
- "Voices in a Discordant Chorus: Oral History and the Recent History of Scientific Institutions." Banbury Center Conference on History of Science: Archives and Oral History, April 3-5, 2005.
- Invited participant, History of Polar Oceanography Conference, Barrow, Alaska, September 2004 [*university conflict, could not attend*]
- Facilitator and presenter, "For the Record: A Workshop on Conducting Oral Histories of Science," Cambridge, MA Nov. 20, 2003. [Workshop for graduate students in the history of science.]
- [with Pamela M. Henson] "What Can Photographs Tell Us? Photographs as Evidence in the History of Science," accepted for *Fotographie und Wissenschaft* [41st Symposiums der Gesellschaft für Wissenschaftsgeschichte, Friedrich-Schiller-Universität Jena, Germany], May 2004 [*teaching conflict; could not attend*]
- [with Pamela M. Henson] "(Re)Viewing Recent Science: Using Photographs as Visual Evidence in History of Science Research," History of Science Society meeting, Nov. 2003 [in session *Rethinking Images: Using Photographs as Evidence to Write the History of Recent Science*, co-organized by Doel and Henson]
- "To Support or Reject Scientific Internationalism? The (Intense) Secret Struggle over International Science Policy in the Truman and Eisenhower Administrations." Society for History of American Foreign Relations annual meeting, Washington,

- D.C., June 2003 [*Also presented at History of Science Colloquium, Chemical Heritage Center, Philadelphia, PA., Sept. 2003*].
- "Why did the Pentagon Become Interested in Global Warming?" American Meteorological Society, 83rd Annual Meeting (Long Beach, California, February 2003).
- Panelist and Speaker, Forum for University History in Norway, Oslo, September 2002.
- "Polar Melting in the Cold War: U.S. Military Fascination with the Arctic, 1945-1960," Arctic Encounters: Cooperation and Conflict in the Arctic in the 19th and 20th Centuries, International Seminar, Kirkenes, Norway, 26-29 September 2002
- "Cooperative Research American Style: Environmental Science at Harvard University, 1931-1940." Columbian History of Science Group, March 2001 [also at Geography Seminar Series, Department of Geosciences, Oregon State University, May 2002].
- [with Nikolai Kremmentsov and Dieter Hoffmann]. "Constraints on International Science: A Comparative Perspective." Preliminary presentation for A Comparative, International History of the Kaiser Wilhelm Society in the National Socialist Era, Max Planck Institute, Berlin, Dec. 2001.
- "Reading Photographs: Photographs as Evidence in Writing the History of Modern Science." Niels Bohr Archive, Copenhagen, Denmark, December 2001.
- "Scientific Internationalism Revisited: Competing Visions of U.S. Science Policy in the Early Cold War." History of Science Society annual meeting, November 2001. [Also at History of Science Department, University of Aarhus, Denmark, December 2001].
- "Military Patronage and the Environmental Sciences: What are the Consequences? A Review with Speculations." Presented at Swords and Solar Flares: the Earth Sciences in the Cold War conference, Cornell University, October 2001.
- Panelist, "How the History of Science and Technology Changed My Life: A Roundtable Exploring Intersections Between International Relations, Science, and Technology." Society for History of American Foreign Relations annual meeting, Washington, D.C., June 2001.
- "Cold War Fascination with the Melting Arctic." Department of Geosciences, Oregon State University, February 2001.
- "Military Constitution of the Environmental Sciences in America, 1945-1965," Cold War History Project Colloquium, Department of History, Carnegie Mellon University, October 1999 [also at History of Science Colloquium, Imperial College of London, March 2000].
- "Conducting Oral History Interviews." Special presentation, Institute for History of Science and Technology, Russian Academy of Sciences, Moscow, February 2000.
- "Foreign Pursuits: Linking Diplomatic History with the History of Science." History of Science Society Annual Meeting, Pittsburgh, PA, November 1999.
- Keynote speaker, 18th Columbia History of Science Group meeting, Friday Harbor, Washington, March 1999, on "The Use of Photography as Sources in the History of Science."
- Participant and Commentator at "Polar Seas of Discord and Collaboration," Institute for the History of Science and Technology, Russian Academy of Sciences, St. Petersburg, January 1999.
- Commentator for "History and Historiography of Recent Science" session, History of Science Society meeting, October 1998.
- "Photographs as Evidence: Images and the Historiography of Recent Science." Second International Historiography of Recent Science, Technology and Medicine conference, Copenhagen, Aug. 1998.
- "Past and Future: A Look at Lamont's Oral History Project." Earth Science Colloquium series, Lamont-Doherty Earth Observatory of Columbia University, Feb. 1998.
- Commentator for 'Networks and Institutions: Rethinking 'Big Science,' session at History of Science Society annual meeting, Nov. 1997.

- Commentator on 'Science, Technology, and the Cold War,' session at Society for History of American Foreign Relations annual meeting, Washington, D.C., June 1997.
- "Large Interview Programs in History of Science: What Questions Should We Ask?"
Session co-organized by Doel for Oral History Association annual meeting, Philadelphia, October 1996.
- "Communications between Scientists and their Communities: A Historical View." Invited presentation at Pacific Region AAAS meeting, Anchorage, Alaska, September 1996.
- "Interdisciplinary Geophysics in America in the Twentieth Century." History of Science colloquium series, University of Minnesota, January 1996.
- Organized plenary session, "What is (and should be?) taught in the History of Science?," History of Science Society Annual Meeting, Minneapolis, Minnesota, October 1995.
- "The Military Origins of the Environmental Sciences." Part of session on twentieth century geophysics, History of Science Society meeting, Minneapolis, October 1995 [also Contemporary History of Science and Technology Colloquium, Smithsonian Institution, May 1996].
- "Earth Sciences in the Twentieth Century." Invited presentation at Science in the Twentieth Century conference, European University Institute, Florence, Italy, June 1995.
- "Communities and the History of the Modern Astronomical Sciences." Invited presentation at the Second Annual Notre Dame Conference on the History of Astronomy, Notre Dame University, June 1995.
- "Forging Interdisciplinary Geophysics in America: The Twentieth Century Experience." Special Seminar, University of Alaska Fairbanks Geophysical Institute and Center for Global Change, May 11, 1995.
- "Insiders *and* Outsiders: Scientists and U.S. Foreign Policy, 1947-1960," Organization of American Historians annual meeting, March 1995.
- Invited participant, "What About Increase?" interdisciplinary humanities-sciences conference, Smithsonian Institution, March 1995.
- "A Flair for Cooperation: The Harvard Committee on Experimental Geology and Geophysics, 1931-1950," History of Science Society, October 1994.
- Invited Participant, Problems of History of Contemporary Science international conference, Göteborg University, Sweden, September 1994.
- Invited Participant, Plenary session, American Geophysical Union 75th Anniversary meeting (American Geophysics in Historical Context), May 1994.
- Invited Participant, Oral History and the History of Science Workshop and Conference (Horace Freeland Judson, principal organizer), Stanford University, April 1994.
- Invited panelist, Sigma Gamma Tau honor society Panel Discussion on the Ethics of Military-Funded Science on College Campuses, University of Maryland, College Park, Feb. 24, 1994.
- "International Science During the Cold War: New Perspectives from History and History of Science." Session co-organized by Doel and Allan A. Needell for History of Science Society annual meeting, Nov. 1993 (Lawrence Badash, chair; Anna K. Nelson, commentator).
- Invited participant in "History of Science and Scientists" panel, Oral History Association thematic meeting, "American Culture and Society Since 1963," November 1993.
- "The Relation of Oral and Archival Sources in Writing History and Biography." Workshop organized by Doel for History of Science Society annual meeting, Dec. 1992. (Nancy Tomes, Michael Lynch, and Lillian Hoddeson, panelists.)
- "International Science During the Cold War: The Politics of U.S.-Soviet Astronomy, 1950-1961." *Invited presentation at:*
* Workshop in History, Technology, Medicine, and Science, Rutgers University, Sept. 1992.

- *Institut für Geschichte der Naturwissenschaften, Mathematik, und Technik, Universität Hamburg, April 1993
- * Cambridge University (Physics History Seminar), May 1993
- * Department of History, University of Maryland, Dec. 1993
- * American Astronomical Society (history symposium), Jan. 1994
- * Department of History, The Johns Hopkins University, Mar. 1994
- Commentator on "In the Field: Expeditions Supported by CIW" [session at "The Earth, the Heavens and the Carnegie Institution of Washington: Historical Perspectives After Ninety Years"], June 1992.
- "From 'National University' to Local Center of Science: Princeton University and the General Education Board, 1918-1932." In "American Foundations and the Growth of Academic Science, 1918-1935." Session organized by Doel for American Historical Association annual meeting, December 1991. (Stanley N. Katz, chair, Edward Shils, commentator)
- "Soviet Lunar Science in Cold War America." In "New Perspectives on Soviet Science." Session organized by Doel for History of Science Society annual meeting, Oct. 1991 (Loren R. Graham, chair and commentator.)
- "The International Geophysical Year and the Rise of Big Science in Geophysics." In "Money, Manpower, and Machines: The Rise of American Geophysics as Big Science." Session organized by Doel for History of Science Society annual meeting, Oct. 1990. (Spencer R. Weart, chair, Robert W. Smith, commentator.)
- "Competition and Myth: Solar System Astronomy on the Eve of Space Exploration, 1952-1959." Invited contribution, Historical Session, Division of Planetary Sciences of the American Astronomical Society, Charlottesville, VA, Oct. 22, 1990.
- "The Nature of Evidence: American Reactions to N. A. Kozyrev's Discovery of Lunar Vulcanism, 1958-1963." *Invited presentation at:*
 - *Physics History Seminar, Harvard University, April 4, 1990.
 - * Contemporary History of Science and Technology Seminar, National Air and Space Museum, Smithsonian Institution, Washington, D.C., June 21, 1990.
 - * Department of History colloquium, Princeton University, Jan. 25, 1991.
 - * Department of History colloquium, Northwestern University, Apr. 26, 1991.
- "The International Geophysical Year and Academic Geophysics in America." Invited contribution, Organization of American Historians annual meeting (March 1990).
- "Large Telescopes, The East-West Split, and the Quest for Autonomy: Planetary Astronomy Among American Astronomers, 1958-1968." Invited paper, International Astronomical Union, Commission 41 (history) conference, Baltimore, MD, August 1988.
- "Philanthropy and Changing Patterns of Research: Astronomy, Biology, Chemistry and Physics, 1918-1932." Invited paper, Organization of American Historians annual meeting, Philadelphia, PA, April 1987.

TEACHING ACTIVITIES – COURSES

Florida State University [2009-] [*all except HIS 3464 new creations*]

HIS 3930	Cold War Science
HIS 4935	Reconstructing Historical Landscapes [senior seminar, History]
HIS 6934	The Environmental Sciences: A History
HIS 4930	History of Science in America: From Colonial Times to the Present
HIS 6934	Exploring Arctic History
HIS 6934	Science and Foreign Policy in the Twentieth Century

HIS 6934	Approaches to History
HIS 6909	Directed Readings— <i>over a dozen offerings</i>
OCE 3940	Environmental Policy: Twentieth Century and Beyond
HIS 3464	History of Science: From Plato to NATO
HIS 3930	Technology and Change: Technologies and their Societies
HIS 3930	Space: A History
AMH 3374	Energy: A History

University of Utah [Fall 2006]:

HIST 7670	Graduate Colloquium in Environmental History.
HIST 4990	Capstone Senior Undergraduate History Seminar: Comparative History—Examples and Methods.

Oregon State University [1997-2008]:

HST 100	Freshman Orientation.
HST 200	Introduction to Historical Studies.
HST 407	Cold War Historiography
HSTS 412	The Scientific Revolution
HSTS 414	Science in the Twentieth Century
HSTS 421	Technology and Change: Technologies and their Societies
HSTS 505a	History of Astronomy
HSTS 505b	History of 20th Century Physics
HSTS 507a	History of the Environmental Sciences
HSTS 507b	History of Science in America
HSTS 507c	Seminar in Oral History
HSTS 512	Scientific Revolution: Graduate Readings Seminar
HSTS 514	Twentieth Century American Science
HSTS 521	Technology in America
HSTS 599a	Historiography of Recent History of Science
HSTS 599b	Environmental History
GEO 311	Environmental Science Policy in Twentieth Century America
GEO 422/522	Reconstructing Historical Landscapes
GEO 511	History and Philosophy of Geography

University of Alaska Fairbanks [1996-97]:

HIST 100X	Twentieth Century World History
HIST 131/132	U.S. History Survey (both halves)
HIST 441	Westward Expansion in the U.S. and Canada, 1867-present
HIST 493	History of Science in America.
NORS 693	International Science Policy in the Twentieth Century

Georgetown University, School of Foreign Service [1995]:

INAF 466	International Science and Technology in the Twentieth Century
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University of Maryland [1994]:

HIST 403/PHYS 490: History of Modern Physical Sciences
HIST 390 American Environmental History

Postdoctoral Advising

BRUNO, ANDY (Ph.D., University of Illinois), 2011-12
SIMONS, PETER (Ph.D., University of Chicago), 2012-13

Teaching Activities – Graduate Research Advising (Committee Chair)

Active:

BEEBE, KATHIE. "In Search of Environmental Justice: Onondagas and Mohawks of Akwesasne." [Ph.D. candidate, co-advised with Andrew Frank; defense anticipated 2018].

BURRIS, GREGORY A. Southern Plantation Logbooks as a Source for Environmental and Social Data. [Ph.D. candidate, Department of Geography; co-advised with James Elsner; defense anticipated 2018].

COALE, AMY. [Marine biology laboratories and their intersection with foreign policy and military aims in the early Cold War era]. [Ph.D. candidate; defense anticipated 2018].

DILLON, ALLI. [British environmental history at intersection of science and technology, eighteenth century.] MA candidate, enrolled Fall 2017].

KINNEY, D.J. Atomic Tests and Civil Defense in the Cold War Era [Ph.D. student; defense anticipated 2016]

Makosiej, Michael. [Commercial and cultural aspects of the American space age.] Ph.D. student, enrolled at FSU Fall 2017.

SCHROCK, TERRILL. [Cosmology, Religion, and Modern Philosophy.] MA student, History and Philosophy of Science Program; enrolled at FSU Fall 2017].

VARGA, IAN. [History of recent astrophysics and space exploration]. [Ph.D. student; enrolled at FSU Fall 2016].

VROBEL, DANIEL. [History of modern physics]. MA candidate, History and Philosophy of Science Program; enrolled Fall 2017].

WHITEHURST, JOHN. On Cold War nuclear medicine (prospectus in preparation; defense anticipated 2017. Committee head; co-advised with Frederick Davis through 2016.)

Completed (most recent at top):

CAMERON, MARLENA. [M.A. student, History and Philosophy of Science program; Paleontology between Western U.S. universities and New York's American Museum of Natural History. Defended Summer 2017].

COKER, JESSICA. [Non-thesis MS, History; defense anticipated Spring 2017].

BURCH, LANCE. [M.A. student, History and Philosophy of Science program]; Smithsonian Institution figures as public intellectuals in the late nineteenth century. Defended Spring 2016.

BIEGEL, CRAIG. On the Influence of Lawyers in Scientific Peer-Review in Twentieth Century America [Ph.D. thesis, defended March 2016]

- WHITEHOUSE, SIMON. "The Rand-McNally Geo-physical Globa: How the Earth was constructed to display Post-War Sciences." [M.A. thesis, History and Philosophy of Science program; defended Spring 2015].
- WEBER, JONATHAN. *Medicine, Cadavers, and the Rise of the Modern Mexican State, 1890-1920*. [Ph.D. thesis; defended Summer 2013]
- ZAKROFF, CHRISTOPHER. "Wings of the Workers' State: Technology, Culture and Legitimacy through Soviet Aviation." M.A. thesis, Russian Studies / History [defended May 2013]
- BIEGEL, CRAIG. "Manufactured Science: The Industry Lawyer's Handmaiden." MA thesis, Department of History, Oregon State University [defended Dec. 2010]
- HATFIELD, SAMANTHA, "Environmental Change from Different Perspectives: Western Science and Traditional Ecological Knowledge of the Silenz Tribal Elders." Ph.D. thesis, Department of Geosciences [chair through 2008; defended March 2009]
- RINEHART, RONALD. "Reinvigorating Earth Sciences Education: A Geology Curriculum for K-12 Studies." MS thesis, Department of Geosciences [defended December 2008]
- BELGAM, DANIEL. "Mountaineering Clubs and Glacier Observations in the Pacific Northwest: Environmental History and Environmental Science." MS thesis, Department of Geosciences [defended June 2008]
- MOORE, MONIKA. "Comparing Damage from the Bay Area Earthquakes of 1906 and 1989: Lessons Learned and Lessons Forgotten." M.A. thesis, Department of Geosciences [defended January 2007]
- DANIEL, ISSAC. "The Historical Change of the Shorelines of the Columbia River Gorge: Reconstructing a Contested Landscape," M.S. thesis, Department of Geosciences [defended June 2005]
- SMITH, DIANNA. "Food Insecurity in Lane County, Oregon: A Historical GIS," M.A. thesis, Department of Geosciences [defended Oct. 2003]
- HARPER, KRISTINE C. "Research from the Boundary Layer: Civilian Leadership, Military Funding, and the International Web Surrounding Numerical Weather Prediction (1945-1955)." Ph.D. thesis, Department of History, Oregon State Univ. Defended May 2003. [Received the 2003 OSU Distinguished Dissertation Award, Liberal Arts/Fine Arts category]
- ELLIS, D. ERIK. "The Hanford Laboratories and the Growth of Environmental Research in the Pacific Northwest, 1943-1965." M.A. thesis, Department of History, Oregon State Univ. [Defended Fall 2002; co-chair with William G. Robbins]
- SCHEFKE, BRIAN R. "Morality and Materialism: American Conservatives and Science, 1945-1964." M.A. thesis, Department of History, Oregon State University [Defended 2000]
- LEVIN, TANYA J. "Project West Ford and International Relations in Science during the Cold War." M.A. thesis, Northern Studies program, University of Alaska Fairbanks [Defended 1998]

Teaching Activities – Graduate Research Advising (Committee Membership, completed and in-progress, alphabetical order), Fall 2008-present--*incomplete*.

Ph.D. committees (Department of History, FSU, unless otherwise noted):

- BIRD, ROBERT B. "Reframing Arctic History during the Cold War: Science, Empire, and Colonialism in Comparative Atlantic Contexts from the 18th Century to the Present," Ph.D. candidate [through 2010; coadvised with Maxine Jones]

- BISCHOF, BARBIE. "Knowledge, Networks, and the Spaces of Coral Reef Conservation" (Department of Geography, FSU; defended 2011)
- CRENSHAW, CHRISTOPHER. Completed oral exams Fall 2016.
- COLLINS, TIMOTHY A. "Science Inquiry as Knowledge Transformation: Investigating Metacognitive and self-regulation strategies to assist students in Writing about Scientific Inquiry Tasks" (Department of Science and Mathematics Education, Oregon State University, defended 2011)
- EARNEST, SAMANTHA. "Construction of Place, Culture, and Identity in Historic Preservation: A Case Study of Hickory Ground, Alabama" (Department of Geography, FSU; defended May 2009)
- EDWARDS, LOGAN B. "The Southern Masquerade: Rural Private Academies and the Reconstruction of the Past," (Ph.D., Department of History, in progress)
- EIDEM, NATHAN. "Cooperation and Conflict over Water in the U.S. Bureau of Reclamation's Upper Colorado Region" (Department of Geosciences, Oregon State University; defended March 2012)
- GOFF, BENJAMIN. Preparing for oral examinations, Fall 2016.
- GUPTA, NEHA. "Behind the frontline: local archaeologists, national interests and the story of Indian archaeology" (Department of Anthropology, McGill University, Montreal, Canada; defended June 2012)
- KEUL, ADAM. "Social Spatialization in the Atchafalaya Basin" (Department of Geography, FSU, defended 2011)
- KLOCK, JOHN. "Appraising Historic and Contemporary Drivers of Land Use and Land Cover Change in Lombok, Indonesia: Implications for the Understanding of Environmental Change and Societal Adaptation (Department of Geosciences, Oregon State University; not scheduled for defense)
- LANE, DAVID. "Radically Reframing Environmental Problems: The Salmon 2100 Study" (Department of History, Oregon State University; defended December 2009)
- MCGOWIN, DAVID. "National Identity in a 'State' of Limbo: Scale, Surrogation and Identity in Taiwan" (Department of Geography, College of Social Sciences, FSU; defended June 2011)
- MACLEOD, MAUREEN. "A Society in Flux: A Study of Female Education in Early Nineteenth Century France" (Defended Spring 2014)
- MILLER, J. HENDRY. "Fowltown and the first Seminole War: 'Civilization, centralization, and politics in the early American Republic,'" (MA, Department of History, defended 2011)
- MOGLE, JAMES. "Sacred Places, Power and Representation of Native American Spaces," (Department of Geography, FSU; defense scheduled for 2016)
- MURA, JULIE. "The Petroleum Industry in Bolivia: A Critical Geographic and Cartographic Analysis" (Department of Geography, FSU; defense anticipated 2016)
- PYLES, JESSE. "Scapegoats no Longer: A History of the Portuguese Expeditionary Force in the Great War." (Defended Spring 2015)
- RANDLEV HUNDEBØL, NILS. "Consensus of Elites: Climate Policy and the American Electric Utility Industry" (Centre for Science Studies, Aarhus University, Aarhus, Denmark; defense forthcoming 2014)
- REYNOLDS, DYNETTE. "Atomic Frontiers: How the Bomb Transformed the Literatures of the American West." American Studies / English, University of Utah, Salt Lake City, Utah (2007-2012) (Defended February 2012)
- SCIUCHETTI, MARK. [On regional music as a geographic space.] Ph.D. candidate, Department of Geography (2017-)
- SEBENY, HILLARY. [On Robert Byrd's Antarctic Expeditions and career as a public intellectual], Ph.D. candidate, History (2014-)

- STERN, GREGORY N. "Designing Victory on the Civil War's Sea: The Development and Use of Ironclad Warships in the American Civil War, 1830-1865," (Ph.D., Department of History; defended November 2015)
- WILHELM, CHRIS. "Prophet of the Glades: Ernest Cod and the Establishment of the Everglades National Park." (Defended Spring 2010)
- WOOD, PETER D.A. (Ph.D., Department of Geography, FSU).

MA committees (Department of History, FSU, unless otherwise noted):

- BENNER, GAVIN. (comprehensive masters examination committee), International Affairs Program, College of Social Sciences, FSU (Fall 2014)
- BURRIS, GREGORY D. "GIS and its applications to U.S. Civil War History" (defended 2015)
- CONRAD, ROBERT. (comprehensive masters examination committee), International Affairs Program, College of Social Sciences, FSU (Fall 2014)
- CUNNINGHAM, RYAN. "Swing to the Left-Swing to the Right: Marxist Labor and the Transition to Cold War in U.S.-Latin American Relations 1944-1954" (2010-11 committee service)
- DUNN, COLLEEN. (comprehensive masters examination committee), International Affairs Program, College of Social Sciences, FSU (Spring 2011)
- GRAY, COREY PATRICK. "Industrial Modernization and Civil War Era America" (defended summer 2015)
- PENNINGTON, TRACY. (comprehensive masters examination committee), International Affairs Program, College of Social Sciences, FSU (Spring 2011)
- RICE, ADAM. "The Wars that Never Were: American Airpower and Conflict Deterrence in the Twentieth Century (completed 2010)
- VAN JELGERHUIS, DANIEL. (comprehensive masters examination committee), International Affairs Program, College of Social Sciences, FSU (Fall 2014)
- YINGLING, ERIN. (comprehensive masters examination committee), International Affairs Program, College of Social Sciences, FSU (Spring 2011)

[Graduate advising prior to 2008 (at OSU and UAF) is not detailed. In 2007-08, served as committee chair for 6 new MS/PhD students, Program in History of Science, Dept. of History, Oregon State University; service on 27 graduate committees, five as chair, 2006-07]

TEACHING ACTIVITIES – UNDERGRADUATE RESEARCH ADVISING (selected)

- Undergraduate Honors thesis advisor [SHANE SAWYER, History, Oregon State University, 2001-02]; TRAVIS CURRIT, History, University of Utah (2006-07); LIESA ABEL, History, Florida State University, 2015-17; HEATHER RAYA, History (2016-17)
- Undergraduate Honors thesis committee member: FARRAH KARIMIPOUR, Biology (2017-18); JAMES DOYLE, History (2017-8); LAUREN LUSCUSKIE, Biology (2014-15); PATRICK SHELVIN, History (2014-15), all Florida State University

UNIVERSITY SERVICE (selected activities)

- Florida State University:** Faculty Senator-at-Large, University Senate (Spring 2009-Spring 2011); University Sabbatical Committee (2015, 2017); Graduate Policy Committee, Faculty Senate (2010-); Faculty co-advisor/ advisor, History Graduate Student Association (Fall 2009-Fall 2016); Fulbright Student Selection Committee (2010-);

Faculty Travel Grants committee [Provost's office] (2009-); chair, Department of History Computer/IT committee (2009-2014); University Committee on IT development (2015-); Graduate Committee, Department of History (2016-); Search Committee, FSU Vice President for Research (2011-12); Advisory Committee to the Vice President for Research (2012-13); Chair, Martin-Vegue Award Committee (planning, 2012-13); Works-in-Progress program chair (2013-14); University Committee on Faculty sabbaticals (2015-17).

University of Utah: Nuclear Utah group [organized symposia]; teaching and research initiative, "Water 4S: Sources, Security, Scarcity, Sustainability" [College of Humanities, and cross-campus to five other colleges].

Oregon State University: Faculty Status Committee [university]; Research Committee [university], Institutional Review Board [university], Holocaust Memorial Week Committee [History]; Acting Director, Graduate Studies [History], Chair, Curriculum Committee [Geosciences], Advisory Committee [History]; Graduate Committee [History and Geosciences], Advisory Committee, "A Region in Transition: The Pacific Northwest Regionalism Conference; several departmental search committees.

University of Alaska Fairbanks: Social Sciences Research Group (co-convenor) [History / Geophysical Institute]; advisor, Phi Alpha Theta [History]; History FilmFest series (organizer) [History]; Humanities / Social Sciences Coordinator for Bering Sea Impacts Study (BESIS) [Geophysical Institute].

PROFESSIONAL SOCIETIES

American Society for Environmental History
 American Geophysical Union
 American Historical Association
 Oral History Association
 Organization of American Historians
 History of Science Society
 History of the Earth Sciences Society
 Historical Astronomy Division, American Astronomical Society
 Society for the History of American Foreign Relations [SHAFR]
 4S [Society for Social Studies of Science]
 Social Science History Association
 International Arctic Social Sciences Association [IASSA]

PROFESSIONAL ACTIVITIES (SELECTED)

Consultant/on-camera interview, *The Ice Race: The secret history of the Cold War and Climate Change Science* (Daniel Schioler, Ottawa, Canada, independent film, in production, 2017-18)
 Consultant/on-camera interview, Benjamin Landsberger and Pierre Oscar Lévy, *Les apprentis sorciers du climate (The Sorcerer's Apprentice of Climate)*. Paris: Artline Films / ARTE TV, released December 2015).
 Interviewer, Mellon Foundation [Video Heritage project, Spring-summer 2014]

Advisory Committee (board member), Center for History of Physics, American Institute of Physics (2013-present)

Co-convenor, session 078, "Collecting and Using Oral Histories of Science and Technology: International Perspectives," International Congress of the History of Science, Technology, and Medicine, Manchester, England, July 2013

Co-Convenor, Area 3, "Polar Knowledge and Politics, Management and Decision-Making Processes in Relation to the Arctic," International Polar Year "From Knowledge to Action" Conference, Montreal, Canada, 22-27 April 2012

Inter-Divisional History Committee, International Association of Geomagnetism and Aeronomy (Chair, 2011-2015)

Leader and organizer, "Adventures in Oral History: Planning, Practice, and Evaluation." All-day workshop, Centre for Science Studies, Aarhus University, 25 November 2011.

Chair, Search Committee, Full Professor and Director of the Institute on WWII and the Human Experience, Dept. of History, Florida State University (2010-11)

Reviewer, interdisciplinary panel, National Science Foundation (2012)

Reviewer, Florida History Fair [*local*: Chiles High School, Feb. 2011; *state*: Tallahassee Community College, May 2011-]

PACHS [Philadelphia Area Center for History of Science]. Fellowship reviewer (2010; also 2011, 2016)

Reviewer, panel member, National Endowment for the Humanities, Washington, DC (2010, also 2014)

External Examiner, McGill University [Anthropology] (2008-)

Faculty Senate, [Senator at Large], Florida State University (2009-11)

Member, Program Committee, 2009 American Society for Environmental History annual meeting, Tallahassee, Florida (2008-09)

External Examiner, Washington State University (2004), and University of Utah (continuing)

Oral historian, Heinz Center / Office of Naval Research History of American Oceanography Videohistory Project, 1999-2000 (lead interviewer at University of Miami program).

Member, Independent Scholars Committee, History of Science Society (1997-2001).

Member, Committee on Research and the Profession, History of Science Society (1997-2001).

Oral Historian, Lamont-Doherty Earth Observatory Oral History Project, Columbia University Oral History Research Office (1995-1998)

History Committee, American Geophysical Union (1995-1998; committee chair, 2002-04; '04-'06; '06-08).

Member, Center for Global Change, University of Alaska Fairbanks (1996-97).

Member, Northern Studies Program faculty, University of Alaska Fairbanks (1996-1997).

International Relations Committee, Russian-American Joint History Conference on "Astronomy and the State," History of Astronomy Division, American Astronomical Society (1993-).

Member, Advisory Board, *Sciences of the Earth: An Encyclopedia of Events, People, and Phenomena* (Garland Publishing, Gregory A. Good, ed.) (1991-1994).

"The Earth and the Carnegie Institution of Washington: Historical Perspectives after 90 Years." (Member of planning group, 1990-1992).

Coordinating Committee, Forum for the History of Science in America (1991-1994).

Obituary Board, History of Astronomy Division, American Astronomical Society (1991-1992).

RESEARCH NETWORK PARTICIPATION

- “Circulation of Knowledge in a Divided World: Attraction, Confrontation, Cooperation among Expert Communities in Cold War Times” (National Research University Higher School of Economics, St. Petersburg, Russia) [*one of four listed foreign partners, 2012*]
- “Exploring Greenland: Science and Technology in Cold War Settings” (Centre for Science Studies, Aarhus University, Aarhus, Denmark) [one of two external members; in residence as Visiting Faculty member Fall 2011].
- “Colony, Empire, Environment: A Comparative International History of 20th Century Arctic Science,” BOREAS initiative, European Science Foundation [Project Leader for nine-member, seven-nation research collaboration, 2006-2011].
- Field Studies Network (Cambridge University, and other nodes) [2006-2010]

MANUSCRIPTS AND GRANT PROPOSALS REVIEWED

Manuscripts:

Presses: Ashgate Publishing, Bloomsbury Academic Press, Harvard University Press, Johns Hopkins University Press, Imperial College Press, MIT Press, Oregon State University Press, Oxford University Press, Routledge Press, University of Chicago Press, Yale University Press, University of British Columbia Press, University of Nebraska Press, Westview Press.

Journals: *Annals of Science; Annals of the American Association of Geographers; American Sociological Review; British Journal for the History of Science; Environmental Monitoring and Assessment; European Review of History; EOS [American Geophysical Union]; Geopolitics; Historical Studies in the Natural Sciences; History of the Earth Sciences Society; Interdisciplinary Science Reviews; Isis; Journal of American History; Journal of Cold War History; Journal of Historical Geography; Journal of the History of Biology; Minerva; Nature Geosciences; Oral History Review; Polar Geography, Polar Journal; Polar Record; Physics in Perspective; Social Studies of Science; Spontaneous Generations; Storian della Scienza.*

Grants: Czech Science Foundation; Agence Nationale de la Recherche [France]; European Science Foundation; National Science Foundation (History of Science, Arctic Social Sciences, and Geography programs); National Endowment for the Humanities; Nordforsk [Norway], Arts and Humanities Research Council [Britain]; NASA History Office; Philadelphia Area Center for History of Science [PACHS]; Swiss National Science Foundation.