

GREGG A. MITMAN

ADDRESS

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EDUCATION

- Ph.D., 1988 University of Wisconsin-Madison. Department of History of Science.
Dissertation: "Evolution by Cooperation: Ecology, Ethics, and the Chicago
School, 1910-1950." Advisor: William Coleman.
- M.A., 1984 University of Wisconsin-Madison. Department of History of Science.
Thesis: "Complementarity and Phage Genetics: The influence of quantum
physics on the early development of molecular biology."
- B.Sc., 1981 Biology, Dalhousie University (with Distinction).

PROFESSIONAL POSITIONS

- University of Wisconsin-Madison
Interim Director, Nelson Institute for Environmental Studies, 2008-2010.
Director, Center for Culture, History, and Environment, 2007-2008.
William Coleman Professor of the History of Science, 2005-
Interim Chair, Department of History of Science, 2003-2004.
Professor of Medical History, History of Science, and Science & Technology Studies,
2001-.
- Max Planck Institute for History of Science, Visiting Scholar, 2008.
National Humanities Center, Glaxo-Smith Kline Senior Fellow, 2004-2005.
University of Minnesota, Program in History of Science and Technology, Visiting Professor,
2000-2001.
- Max Planck Institute for the History of Science, Berlin, Visiting Scholar, 1999-2000.
University of Oklahoma. Department of the History of Science, Professor, 1999-2000;
Associate Professor, 1995-1999; Assistant Professor, 1991-5.
- Princeton University, Shelby Cullom Davis Center for Historical Studies, Visiting Fellow,
1997-1998.
- University of Oklahoma, Interdisciplinary Perspectives on the Environment Program,
Co-ordinator, 1996-1997.
- University of Wisconsin-Madison. Department of the History of Science, Visiting Associate
Professor, 1995-1996.
- University of Minnesota. Program in the History of Science and Technology, Visiting Assistant
Professor, 1990-1991.
- University of Wisconsin-Madison. Department of the History of Science, Visiting Assistant
Professor, 1989-1990.
- University of Oklahoma. Department of the History of Science. Rockefeller Fellow in the
Humanities, 1988-1989.

FELLOWSHIPS, GRANTS, AND HONORS

HONORS AND AWARDS

Outstanding Achievement Award, Wisconsin Library Association, 2008.
 Alexander von Humboldt Stiftung, Renewed Research Fellowship, 2008.
 Vilas Associate Award, University of Wisconsin, 2006-2008.
 Dean's Professorship, College of Letters and Science, 2005-2010.
 Aldo Leopold-Ralph W. Hidy Award, American Society for Environmental History, 2006.
 John S. Guggenheim Memorial Foundation Fellowship, 2004-2005.
 American Council of Learned Societies, Senior Research Fellowship, 2004-2005.
 National Humanities Center, Glaxo-Smith Kline Senior Research Fellowship, 2004-2005.
 Institute for Research in the Humanities, University of Wisconsin-Madison, Research Fellowship, 2004 (Declined)
 Oregon Center for the Humanities, Research Fellowship, 2004 (Declined)
 National Library of Medicine Research Fellowship, 2003.
 Watson Davis and Helen Miles Davis Book Prize from the History of Science Society, 2000.
 Alexander von Humboldt-Stiftung Fellowship, 1999-2000.
 Shelby Cullom Davis Center for Historical Studies Fellowship, Princeton University, 1997-1998.
 Gustave O. Arlt Award in the Humanities from the Council of Graduate Schools, 1994.
 WARF Fellow, University of Wisconsin-Madison, 1987-1988.
 Charlotte W. Newcombe Fellowship, Woodrow Wilson National Fellowship Foundation, 1986-1987.

RESEARCH GRANTS

EXTERNAL

National Science Foundation., IGERT, 2006. "Vulnerability and Sustainability in Coupled Human-Natural Systems: An Integrative Traineeship in Sustainability and the Global Environment." Co-Principal Investigator. With Jonathan Patz, Frances Westley, Jon Foley, and Chris Olsen. \$3,000,000.
 National Science Foundation. 2005. Doctoral Dissertation Research Grant. "The Politics of Game Theory: Mathematics and Cold War Culture, 1944-1984." Principal Investigator. With Paul Erickson. Co-Principal Investigator. \$11,500.
 National Science Foundation. 2004. "Doctoral Dissertation Research Grant. "Looking for a Few Good Males: Female Choice in Evolutionary Biology, 1900-1974." Principal Investigator. With Erika Milam. Co-Principal Investigator. \$12,000.
 National Science Foundation. 2002. "Environment, Health, and Place in Global Perspective: A Conference Proposal." Principal Investigator. With Michelle Murphy and Christopher Sellers, Co-Principal Investigators. \$15,185.
 National Science Foundation. 1999-2002. "Breathing Space: A History of Asthma and the Environment." Principal Investigator. \$116,737.
 Andrew W. Mellon Foundation, 1994-1999. Postdoctoral Fellowship in the History of Science: Historical Intersections of the Biological and Social Sciences. Director. \$215,000.
 National Science Foundation, 1998-1999. "Doctoral Dissertation Research Grant. Exploring the Oceanic Frontier: American Naturalists as Amateur Conservationists." Principal Investigator. With Gary M. Kroll, Co-Principal Investigator. \$7,801.

- National Science Foundation, 1998-1999. "Doctoral Dissertation Research Grant. Cold War Conservation: International Science, National Resources and Reproductive Limits." Principal Investigator. With Maureen A. McCormick, Co-Principal Investigator. \$11,472.
- National Science Foundation Research and Training Grant, 1996-1998. "Nature, History, and the Natural Historical Sciences in the Twentieth Century." Co-Principal Investigator. With John Beatty, Principal Investigator and James Collins, Co-Principal Investigator. \$213,955.
- National Science Foundation, 1996-1998. "Doctoral Dissertation Research Grant. Harlow Shapley, Cosmography, and Culture in 1950's and 1960's America." Principal Investigator. With JoAnn Palmeri, Co-Principal Investigator. \$4,386.
- National Endowment for the Humanities, Leadership Opportunity in Science and Humanities Education Grant, 1994-1997. "Conceiving the Commons: An Interdisciplinary Approach to Environmental Literacy." Principal Investigator. With M. V. Rajeev Gowda, Zev Trachtenberg, and Linda Wallace, Co-Principal Investigators. \$157,000.
- National Science Foundation, 1993-1996. "Cinematic Nature: Hollywood Technology, Popular Culture, and the Science of Animal Behavior, 1920-1960." Principal Investigator. \$89,751.
- National Science Foundation, 1990-1992. "From Museums, to Movies, to Marineland: W. D. Burden, G. K. Noble and the Marketing of Animal Behavior Research." Principal Investigator. \$44,070.
- National Science Foundation Doctoral Dissertation Research Grant, 1986-1987. \$2,500.

INTERNAL

- University of Wisconsin Anonymus Fund, 2007. "Tales from Planet Earth" film festival, \$6,000.
- University of Wisconsin, Office of International Studies and Programs, 2004. "New Research Initiative in Global Environmental Studies." \$40,000. With Clark Miller et. al.
- University of Wisconsin Anonymus Fund. 2001. "Environment, Health, and Place in Global Perspective: A Conference Proposal." \$4,710.
- University of Oklahoma Research Council Grant, 1999. \$5,000.
- University of Oklahoma, Presidential International Travel Fellowship, 1997. \$1,000.
- University of Oklahoma Research Council Grant, 1993. \$2,500.
- University of Oklahoma Junior Faculty Summer Research Fellowship, 1992. \$5,000.

PROFESSIONAL ADVISORY POSITIONS

- External Evaluator, Ontario Council on Graduate Studies, York University Graduate Programme in the Humanities, June 2007.
- ASEH Outreach Committee, 2006-.
- American Council of Learned Societies Evaluator, 2005-2006.
- Nominator, MacArthur Fellows Program, 2005.
- Advisory Committee Member, Centre for Medical History, University of Exeter, 2003-2008.
- Isis, Editorial Advisory Board , 2004-2006.
- Cultural Geographies, Editorial Advisory Board, 2000 -.
- Environmental History, Editorial Board, 2002 -.
- Environmental Justice, Editorial Board, 2008- .
- Journal of the History of Biology, Associate Editor, 2001-2007.
- Studies in History and Philosophy of Biological and Biomedical Sciences, Consulting Editor.
- National Science Foundation Review Panel, Science and Technology Studies Program, 1997-1999.

NEH Panel member for evaluating 1995 Summer Stipend Research Awards.

PUBLICATIONS

BOOKS

Breathing Space: How Allergies Shape Our Lives and Landscapes. New Haven: Yale University Press, 2007. Winner of a 2008 Outstanding Achievement Award, Wisconsin Library Association.

Selected reviews: Adrian Higgins, Washington Post (7/8/07); Steve Weinberg, Seattle Times (6/5/07); Gerald Gleich, New England Journal of Medicine (11/29/07); Peder Anker, Science (10/5/07).

Reel Nature: America's Romance with Wildlife on Film. Cambridge, Mass.: Harvard University Press, 1999. Winner of the 2000 Watson Davis and Helen Miles Davis Prize from the History of Science Society. Revised paperback edition, University of Washington Press, 2009.

Selected reviews: Tim Radford, The Guardian (4/14/2000); Stephen Mills, Times Literary Supplement (9/8/2000); Thomas Lovejoy, Science (1/5/2001).

The State of Nature: Ecology, Community, and American Social Thought, 1900-1950. Chicago: University of Chicago Press, 1992. Winner of the 1994 Gustave O. Arlt Award in the Humanities from the Council of Graduate Schools.

Co-editor. With Lorraine Daston. Thinking with Animals: New Perspectives on Anthropomorphism. New York: Columbia University Press, 2005.

Co-editor. With Michelle Murphy and Christopher Sellers. Landscapes of Exposure: Knowledge and Illness in Modern Environments. *Osiris*, 2d ser., 19 (2004).

ARTICLES

“The Color of Money: Campaigning for Health in Black and White America.” In Imagining Illness: Public Health and Visual Culture, edited by David Serlin. Minneapolis: University of Minnesota Press, forthcoming.

“Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” In Health and the Modern Home, edited by Mark Jackson, pp. 244-265. New York: Routledge, 2007.

“Where Ecology, Nature, and Politics Meet: Reclaiming The Death of Nature.” *Isis* 97 (2006): 496-504.

“In Search of Health: Landscape and Disease in American Environmental History.” Environmental History 10 (2005): 184-209. Winner of the 2006 Aldo Leopold-Ralph W. Hidy Award, American Society for Environmental History.

With Lorraine Daston. “Introduction: The How and Why of Thinking with Animals.” In Thinking with Animals: New Perspectives on Anthropomorphism, edited by Gregg Mitman and Lorraine Daston, pp. 1-14. New York: Columbia University Press, 2005.

“Pachyderm Personalities: The Media of Science, Politics and Conservation.” In Thinking with Animals: New Perspectives on Anthropomorphism, edited by Gregg Mitman and Lorraine

Daston, pp. 175-195. New York: Columbia University Press, 2005.

“Oren C. Durham” and “A History of Pollen Mapping and Surveillance: The Relations Between Natural History and Clinical Allergy.” Journal of Allergy and Clinical Immunology, 114 (2004): 1229-1235.

With Michelle Murphy and Christopher Sellers. “Introduction: A Cloud over History.” Osiris 19 (2004): 1-17.

“Geographies of Hope: Mining the Frontiers of Health in Denver and Beyond, 1870-1965.” Osiris 19 (2004): 93-111.

“Natural History and the Clinic: The Regional Ecology of Allergy in America.” Studies in History and Philosophy of Biological and Biomedical Sciences, 34 (2003): 491-510.

“Hay Fever Holiday: Health, Leisure, and Place in Gilded-Age America,” Bulletin of the History of Medicine, 77 (2003): 600-635.

“When Pollen Became Poison? A Cultural Geography of Ragweed in America.” In The Moral Authority of Nature, edited by Lorraine Daston and Fernando Vidal, pp. 438-465. Chicago: University of Chicago Press, 2004.

With Ronald L. Numbers. “From Miasma to Asthma: The Changing Fortunes of Medical Geography in America.” History and Philosophy of the Life Sciences 25 (2003): 391-412.

"Life in the Field: The Senuous Body as Popular Naturalist's Guide." In Primate Encounters: Models of Science, Gender, and Society, edited by Shirley C. Strum and Linda M. Fedigan, pp. 421-435. Chicago: University of Chicago Press, 2000.

“When Nature is the Zoo: Vision and Power in the Art and Science of Natural History.” Osiris 11 (1996): 117-143.

With Ronald L. Numbers. "Evolutionary Theory." In Encyclopedia of the United States in the Twentieth Century, edited by Stanley I. Kutler, vol. II, pp. 859-876. New York: Charles Scribner's Sons, 1996.

With Rajeev Gowda, Zev Trachtenberg, and Linda Wallace. "Conceiving the Commons: An Interdisciplinary Approach to Environmental Literacy." In Proceedings of the 6th Annual Conference on Teaching and Learning, edited by Jack A. Chambers (Jacksonville Community College, Florida: 1995).

"Cinematic Nature: Hollywood Technology, Popular Culture, and the American Museum of Natural History." Isis 84 (1993): 637-661. Reprinted in The Scientific Enterprise in America, Readings from Isis, edited by Ronald L. Numbers and Charles E. Rosenberg, pp. 203-227. Chicago: University of Chicago Press, 1996.

"Defining the Organism in the Welfare State: The Politics of Individuality in American Culture, 1890-1950." Sociology of the Sciences Yearbook 18 (1994): 249-280.

With Timothy F. H. Allen and Thomas W. Hoekstra. "Synthesis Mid-Century: J. T. Curtis and the Community Concept." In John T. Curtis: Fifty Years of Wisconsin Plant Ecology, edited by James S. Fralish, Robert P. McIntosh, and Orie L. Loucks, pp. 123-144. Madison: Wisconsin Academy of Arts and Sciences, 1993.

Co-editor. With Jane Maienschein and Adele E. Clarke. "Crossing the Borderlands: Biology at Chicago." Special Issue of Perspectives on Science 1 (1993): 359-559.

With Anne Fausto-Sterling. "Whatever Happened to Planaria?: C. M. Child and the Physiology of Inheritance." In The Right Tools for the Job: At Work in Twentieth-Century Life Sciences, edited by Adele E. Clarke and Joan H. Fujimura, pp. 172-197. Princeton: Princeton University

Press, 1992. Reprinted in La Matérialité des Sciences: Savoir-faire et Instruments dans les Sciences de la Vie. Translated by Francoise Bouillot with the collaboration of Émilie Hermant, pp. 227-257. Paris: Synthélabo Groupe, 1996.

With Richard W. Burkhardt, Jr., "Struggling for Identity: The Study of Animal Behavior in America, 1930-1950." In The Expansion of American Biology, edited by Keith R. Benson, Ronald Rainger, and Jane Maienschein, pp. 164-194. New Brunswick, N.J.: Rutgers University Press, 1991.

"Evolution as Gospel: William Patten, the Language of Democracy, and the Great War." Isis 81 (1990): 446-463.

"Dominance, Leadership, and Aggression: Animal Behavior Studies During the Second World War." Journal of the History of the Behavioral Sciences 26 (1990): 3-16.

"From the Population to Society: The Cooperative Metaphors of W. C. Allee and A. E. Emerson." Journal of the History of Biology 21 (1988): 173-194.

ESSAY REVIEWS

"Chemicals in the Field." Metascience, 12 (2003): 10-14.

With Kevin Dann. "Exploring the Borders of Environmental History and the History of Ecology." Journal of the History of Biology 30 (1997): 291-302.

"The Biology of Peace." Biology and Philosophy 12 (1997): 259-264.

BOOK REVIEWS

Andrew Kirk, Counterculture Green: The Whole Earth Catalog and American Environmentalism. Western Historical Quarterly, forthcoming.

Leslie Reagan, Nancy Tomes, and Paula Treichler, eds., Medicine's Moving Pictures: Medicine, Health, and Bodies in American Film and Television. Journal of American History, forthcoming.

Mark Jackson, Allergy: The History of a Modern Malady. Bulletin of the History of Medicine 82 (2008): 209-211.

Sharon Kingsland, The Evolution of American Ecology, 1890-2000, Journal of American History 93 (2006): 605-605.

Robert E. Kohler, Landscapes and Labscapes: Exploring the Lab-Field Border in Biology, Journal of the History of Biology 36 (2003): 599-601.

- “Biology’s Promised Land.” Review of Philip Pauly, Biologists and the Promise of American Life, American Scientist 89 (2001): 472-473.
- Andy Masaki Bellows and Marina McDougall, with Brigitte Berg (eds.), Science is Fiction: The Films of Jean Painlevé and Derek Bousé, Wildlife Films. Public Understanding of Science 10 (2001): 246-248.
- Eileen Crist, Images of Animals: Anthropomorphism and Animal Mind. Journal of the History of Biology 33 (2000): 213-215.
- Jan Sapp, Evolution by Association: A History of Symbiosis. Journal of the History of Biology 29 (1996): 309-312.
- Donald Worster, Nature’s Economy: A History of Ecological Ideas. Isis 86 (1995): 466-467.
- Ann Blum, Picturing Nature: American Nineteenth-Century Zoological Illustration. Isis 85 (1994): 342-344.
- Mark Pittenger, American Socialists and Evolutionary Thought, 1870-1920. Journal of the History of Biology 27 (1994): 359-360.
- Bob Pepperman Taylor, Our Limits Transgressed: Environmental Political Thought in America. American Historical Review (Dec. 1993): 1670-1671.
- "From Social Science to Environmental Management?" Review of Michael Shortland, ed., Science and Nature: Essays in the History of the Environmental Sciences. Metascience 4 (1993): 102-104.
- Joel B. Hagen, An Entangled Bank: The Origins of Ecosystem Ecology. Isis 84 (1993): 604-605.
- Victor B. Scheffer, The Shaping of Environmentalism in America. Isis 83 (1992): 693.
- Ralph H. Lutts, The Nature Fakers: Wildlife, Science, and Sentiment. Journal of the History of Biology 25 (1992): 162-164.
- "Population Dynamics, Human Interactions." Review of Peter Crowcroft, Elton's Ecologists: A History of the Bureau of Animal Population. Ecology 72 (1991): 1908-1909.
- H. E. Le Grand, ed. Experimental Inquiries: Historical, Philosophical, and Social Studies of Experimentation in Science. Journal of the History of the Behavioral Sciences 27 (1991): 285-287.
- History and Philosophy of the Life Sciences (London/New York/Philadelphia: Taylor & Francis). Isis 83 (1991): 288-289.
- Donna Haraway, Primate Visions: Gender, Race, and Nature in the World of Modern Science. Isis 82 (1991): 163-165.
- Ethel Tobach (ed.), Historical Perspectives and the International Status of Comparative Psychology. Journal of the History of the Behavioral Sciences 26 (1990): 391-393.
- Les Levidow (ed.), Science as Politics. Isis 78 (1987): 447-448.

INVITED LECTURES

2008 “Latex and Blood: Science, International Relations, and the Making of Firestone Plantations Company.” Chasing Eden: Nature, Health, and the Politics of the Environment, University of Exeter, Cornwall, 4-5 September.

Commentator, Animal Subjects Under Observation, Max Planck Institute for the History of Science, 10-12 July.

“Latex and Blood: Toward a Visual Economy of Science, Commerce, and American Empire.” Max Planck Institute for the History of Science, 24 June.

“A Journey Without Maps: Film and the Cartography of Subjectivity.” The Educated Eye: Photography and Scientific Evidence, Max Planck Institute for the History of Science, 21-24 February.

- 2007 “Great White Hunting: Confronting Issues of Race, Science, and Conservation on Film.” Ischia Summer School on the History of the Life Sciences, *Visualizing Nature*, Stazione Zoologica Anton Dohrn, 7 July.
- “The Drug that Makes Soldiers Good Sailors Will Soon Be Working for You! Antihistamines and the Culture of Performance in Cold War America,” Centre for Medical History, University of Exeter, 21 June.
- With Paul Erickson. “When Rabbits Became Human (and Humans, Rabbits): Stability, Order, and History in the Study of Populations,” *Facts at the Frontier: Crossing Boundaries Between Natural and Social, Animal and Human*, London School of Economics and Political Science, April 16.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America,” J. Paul Taylor Symposium on Social Justice, New Mexico State University, March 30.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America,” Science, Technology, & Society Seminar Series, Columbia University February 22.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America,” Morris Fishbein Center/CHSS, University of Chicago, January 26.
- 2006 “Breathing Space: An Ecological History of Allergy in America.” Department of Biology, Florida State University, December 1.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Paterson Lecture, Canadian Society for the History of Medicine Conference, York University, May 27.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Department of History of Science, Medicine, and Technology, Johns Hopkins University, March 9.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America,” Simpson Center for the Humanities, University of Washington, March 3.
- “The Last Resorts: Allergy and Landscape on the Western Frontier,” Department of History, University of Washington, March 2.
- “Breathing Space: An Ecological History of Allergy in America,” Hamilton College, February 20.
- “Glamorous Species,” Hamilton College, February 19.
- 2005 “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America,” Department of History, UCLA, June 6.
- “Pachyderm Personalities: The Media of Science, Politics, and Conservation.” Program in Natural History Filmmaking and Communication, University of Otago, New Zealand, May 3.
- “Breathing Space: An Ecological History of Allergy in America.” Open Lecture, University of

- Otago, New Zealand, May 2.
- “Glamorous Species.” WildSouth International Film Festival, Wanaka, New Zealand, April 27.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Department of Medical Humanities, East Carolina University, April 22.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Conference on Health, Heredity, and the Modern Home. Centre for Medical History, University of Exeter, March 23.
- “In Search of Health: Landscape and Disease in American Environmental History.” Department of Geography, University of North Carolina, January 28.
- “The Last Resorts: Allergy and Landscape on the Western Frontier.” National Humanities Center, January 13.
- 2004 “In Search of Health: Landscape and Disease in American Environmental History.” *Modern Times*, Rural Places series, Massachusetts Institute of Technology, December 10.
- “Geographies of Hope: Mining the Frontiers of Health in Denver and Beyond, 1870-1965.” Global Health Studies Program, University of Iowa, March 30.
- “Campaigning for Health: Visual Languages of Disease and Race in America, 1935-1965,” Department of History, University of Georgia, February 27.
- Pachyderm Personalities: The Media of Science, Politics, and Conservation.” Institute of Ecology, University of Georgia, February 27.
- “Campaigning for Health: Visual Languages of Disease and Race in America, 1935-1965,” Program in Science and Human Culture, Northwestern University, January 16.
- 2003 “Childhood Asthma: The Public Response in Historical Terms,” Conference on Childhood Asthma and the Community. Sarah Lawrence College, Bronxville, New York, December 3.
- “Campaigning for Health: Visual Languages of Disease and Race in America, 1935-1965,” Conference on Visual Culture and Public Health. National Library of Medicine, Bethesda, Maryland, 16-17 October 16-17.
- With Ronald L. Numbers. “From Miasma to Asthma: The Changing Fortunes of Medical Geography.” Conference on *Airs, Eaux, Lieux: L’homme, la santé et l’environnement*. Centre Médical Universitaire, Geneva, Switzerland, June 5-7.
- “Hunting with the Camera: A Retrospective of Science and Conservation on Film.” Featured speaker, “Creature Features: A Day of Wildlife in Film and Video,” Bell Museum of Natural History, University of Minnesota, Minneapolis, Minnesota, April 26.
- “The Jungle is Fraught with Danger—The Role of Narrative in Natural History Film.” Featured panel, International Wildlife Film Festival, Missoula, Montana, April 19-26.
- 2002 “Hay Fever Holiday: Health, Leisure, and Place in Gilded-Age America.” Milwaukee Academy of Medicine, November 19.

- “Producing and Consuming Natures.” Plenary Speaker. American Society for Environmental History Meetings, Denver, Colorado, March 20-24.
- “Pachyderm Personalities: The Media of Science, Politics, and Conservation.” University of Oslo, 20 February 2002; Princeton Workshop in the History of Science, February 23.
- 2001 “Pachyderm Personalities: When Numbers Don’t Count.” Max Planck Institute for the History of Science, Berlin, Germany, May 11.
- “Hay Fever Holiday: Health, Leisure, and Place in Gilded-Age America,” Department of Geography, University of Wisconsin-Madison, November 2; Department of History, University of Washington, Seattle, Washington, March 5.
- “When Pollen Became Poison: A Cultural Geography of Ragweed in America,” Keynote Address, Columbia History of Science Meeting, Friday Harbor, Washington, March 2-4.
- 2000 “Nature as the Zoo and Vice-Versa: Animals and Humans in American Media Culture,” Conference on Mensch, Tier, und Zoo, International Forschungszentrum Kulturwissenschaften, Wien, Austria, October 12-14.
- “Sex, Science, and Environmental Politics: The Making of a Dolphin Star.” Program in the History of Science and Technology, University of Minnesota, September 15.
- “Hay Fever Holiday: Health, Leisure, and the Persistence of Place,” Department of History and Philosophy of Science, Cambridge University, March 7.
- 1999 “Sex, Science, and Environmental Politics: The Making of a Hollywood Pet Star,” Lawrence University, Appleton, Wisconsin, November 10.
- “From Flippy to Flipper: A Ringside Seat in the Making of an Oceanic Star,” Conference on “Representing Animals,” Center for the Interactions of Animals and Society, School of Veterinary Medicine, University of Pennsylvania, March 19.
- 1998 “Making Contact: The Sensuous Body as Popular Naturalist’s Guide.” Conference on “Body and Place: Intersecting Histories of the Body and Its Environment,” Newark, New Jersey, 16- 18 April 1998.
- “From Flippy to Flipper: A Ringside Seat in the Making of an Oceanic Star,” Department of the History of Science, Medicine, and Technology, Johns Hopkins University, April 9.
- 1997 “True-Life Adventures: Disney’s Nature in Cold War American Culture,” Department of the History of Science, Harvard University, December 2.
- “Social Organisms and Selfish Genes: Evolutionary Thought in Twentieth-Century American Culture,” Evolution and Population Biology Graduate Program Student Seminar, Washington University, November 5.
- “The Limits of the Earth: Cold War Visions of Conservation and Containment in the Developing World,” Ecology Program, University of Missouri-St. Louis, November 4.
- “Hunting with the Camera: Artifice and Authenticity on the Silent Screen,” Department of History and Sociology of Science, University of Pennsylvania, September 22.

- "High Over the Borders: Visions of International Conservation from PanAmericanism to the Arusha Conference." Nature's Histories: International Summer Academy in the History of Science, Max-Planck Institute für Wissenschaftsgeschichte, Berlin, Germany, August 25-29.
- "True-Life Adventures: The Nature of Popular Culture in 1950's America." Science Studies Program, University of California-San Diego, April 14 1997.
- 1996 "Hunting With the Camera: Cinema, Wildlife, and the Science of Ethology," Departments of History and Zoology, Oklahoma State University, 11 October 1996.
- "High Over the Borders: Visions of Conservation from Pan-Americanism to the Arusha Conference," Department of the History and Philosophy of Science, Indiana University, 27 September 27.
- "Life in the Field: The Nature of Popular Culture in 1950s America," Wenner-Gren Conference on Changing Images of Primate Societies: The Role of Theory, Method, and Gender; Hotel Rosa dos Ventos, Teresópolis, Brazil, June 15-23.
- 1995 "High Over the Borders: Visions of Conservation from Pan-Americanism to the Arusha Conference." Department of the History of Science, University of Wisconsin-Madison, November 8.
- "Environmental and Conservation Issues." NSF Workshop on Biology and Law. Arizona State University, May 31-June 1, 1996; March 24-25, 1995.
- "Ecology and the Surveillance of Nature: Peering Outside the Keyhole of Laboratory `Life.'" Fifth Annual Mellon Workshop, MIT, May 6.
- "When Nature is the Zoo: Vision and Power in the Art and Science of Natural History." Department of History, Oregon State University, January 27, 1995; Department of History, University of Washington, January 30. ; The Nature of Science Studies: A Workshop on Environment, Science, and Politics, Cornell University, April 15-17, 1994.
- 1994 "When Nature is the Zoo: Vision and Power in the Art and Science of Natural History." The Nature of Science Studies: A Workshop on Environment, Science, and Politics, Cornell University, April 15-17.
- 1993 "When Nature is the Zoo: Scientific and Popular Spectacle at Jackson Hole, Wyoming." Phi Beta Kappa lecture, October 29.
- "Changing Conceptions of the `Natural' and Normative in Twentieth-Century Ecology." Conference on "The Notion of Sustainability and Its Normative Implications." Senter for Vitenskapsteori, Universitetet I Bergen, Bergen, Norway, June 4-6.
- "Cinematic Nature: Hollywood Technology, Popular Culture, and the Science of Animal Behavior." Princeton University Workshop in the History of Science, April 2-3.
- 1992 "Defining the Organism in the Welfare State: The Politics of Individuality in American Culture, 1900-1950." Conference on "The Transfer of Images and Metaphors Between Biology and the

Social Sciences," Zentrum für Interdisziplinäre Forschung, Universität Bielefeld, Bielefeld, Germany, June 22-24.

"From Museums to Movies to Marineland: Hollywood Technology, Popular Culture, and the Science of Behavior, 1930-1960." Pembroke Center Roundtable "Inscribing Science: Image/Technology/Text." Brown University, March 5-6.

"From Social Organisms to Selfish Genes: Defining the Boundaries of the Community and Population in American Ecology, 1900-1960." Department of Zoology, University of Oklahoma, January 22.

- 1991 "From Museums to Movies to Marineland: Hollywood Technology, Popular Culture, and the Science of Behavior, 1930-1960." Department of the History of Science, University of Oklahoma, February 15; Department of Ecology and Behavioral Biology, University of Minnesota, April 18.

"Dominance, Leadership, and Aggression: Animal Behavior Studies During the Second World War." Department of History, University of California, Santa Barbara, January 23; Program in History and Philosophy of Science, University of California-Davis, March 1.

- 1990 "The Human Place in Nature." Session commentator. University of Oklahoma Centennial Conference of the History of Science. September 6-8.

- 1989 "Dominance, Leadership, and Aggression: Animal Behavior Studies During the Second World War." Program in History of Science and Technology, University of Minnesota, February 1990. Michigan State University, Lyman Briggs School, February 1989.

"W. C. Allee, G. K. Noble, and the Search for a Comparative Sociology." Animal Behavior Society Meeting, University of Northern Kentucky, June 11-17.

PRESENTED PAPERS

"The Reel Dust Bowl: Roundtable on The Plow that Broke the Plains and the Role of Film in Environmental History." American Society for Environmental History Meeting, Boise, Idaho, 12-15 March 2008.

"The Drug that Makes Soldiers Good Sailors Will Soon Be Working for You! Antihistamines and Performance Culture in Cold-War America." Society for the Social Studies of Science Meeting, Vancouver, BC, 1-5 November 2007.

"Breathing Space: The Ecology of Allergy in America." EcoHealth One Conference, Madison, Wisconsin, 6-10 October 2006.

"Natural Knowledge: Roundtable on the Histories of Science and the Environment," American Society for Environmental History Meeting, St. Paul, Minnesota, 29 March-1 April, 2006.

"Disease Ecologies at Home and Abroad," American Society for Environmental History Meeting, St. Paul, Minnesota, 29 March-1 April, 2006.

"Where Ecology, Nature, and Politics Meet: Reclaiming *The Death of Nature*." History of Science Society Meeting, Minneapolis, Minnesota, 3-6 November 2005.

"Natural History and the Clinic: The Regional Ecology of Allergy In America," History of Science Society Meeting, Cambridge, Massachusetts, 20-23 November 2003.

"Hay Fever Holiday: Health, Leisure, and Place in Gilded-Age America," History of Science Society Meeting, Vancouver, British Columbia, 2-5 November 2000.

"From Flippy to Flipper: A Ringside Seat in the Making of an Oceanic Star." History of Science Society Meeting, San Diego, California, 6-9 November 1997.

"True-Life Adventures: Disney's Nature in Cold War American Culture," International Society for the History, Philosophy, and Social Studies of Biology Meetings, Seattle, Washington, 16-20 July 1997.

With Gregory M. Heiser, Rajeev Gowda, Zev Trachtenberg, and Linda Wallace. "Report from the Commons, or, How We Learned to Stop Worrying and Love Interdisciplinary Environmental Studies." 2nd International Interdisciplinary Conference on the Environment, Newport, Rhode Island, 16-19 June 1996.

Commentator, "Managing Nature: Science, Politics, and Environment in the West." History of Science Society Meeting, Minneapolis, Minnesota, 26-29 October 1995.

With Linda Wallace, Zev Trachtenberg, and Rajeev Gowda. "Conceiving the Commons: An Interdisciplinary Approach to Environmental Literacy." Annual Meeting of the Ecological Society of America, Snowbird, Utah, August 1995.

"High Over the Borders: Visions of Conservation from Pan-Americanism to the Arusha Conference," International Society for the History, Philosophy, and Social Studies of Biology Meetings, Leuven, Belgium, 19-23 July 1995.

"Disciplining the Eye: Vision and Power in the Re-Creation of Nature." American Society for Environmental History, Las Vegas, Nevada, 8-11 March 1995.

Commentator, "Refining Our Understanding of Eugenics." History of Science Society Meeting, New Orleans, Louisiana, 13-16 October 1994.

"When Nature is the Zoo: Scientific and Popular Spectacle at Jackson Hole, Wyoming." International Society for the History, Philosophy and Social Studies of Biology Meetings, Brandeis University, 15-18 July 1993.

"Social Origins: Chicago Biology and the Nature/Nurture Divide?" Centennial Conference on the History of Biology at the University of Chicago, Chicago, Illinois, 22 November 1991.

"Cinematic Nature: Hollywood Technology, Behavior Research, and the American Museum, 1920-1940." History of Science Society Meeting, Madison, Wisconsin, 30 October-3 November 1991.

"The New Vision of Learning: Marineland in the Golden Age of Film." International Society for the History, Philosophy, and Social Studies of Biology Meetings, Northwestern University,

11-14 July 1991.

"Whatever Happened to Planaria?" With Anne Fausto-Sterling. History of Science Society Meeting, Gainesville, Florida, 26-29 October 1989.

"From Associations to Evolution: William Patten and the Biological Basis of Cooperation, 1910-1920." Joint BSHS-HSS Conference, Manchester, England, 11-15 July 1988.

"Evolution and War: The Chicago School." History of Science Society Meeting, Pittsburgh, Pennsylvania, 23-26 October 1986.

CONFERENCES AND SESSIONS ORGANIZED

Conference, "The Educated Eye: Photography and Scientific Evidence," Max Planck Institute for the History of Science, 21-24 February 2008. With Kelley Wilder.

Conference, "EcoHealth One." University of Wisconsin-Madison, 7-10 October 2006. Steering Committee and Program Committee Member.

Conference. "Environment, Health and Place in Global Perspective." University of Wisconsin-Madison, 5-6 April, 2002. With Christopher Sellers and Michelle Murphy.

Conference. "Thinking With Animals: Anthropomorphism in Historical and Contemporary Perspective." Max Planck Institute for the History of Science, Berlin, Germany, 11-12 May 2001. With Lorraine Daston.

Conference: Dibner Seminar in the History of Biology. "Putting Humans into Ecology." Marine Biological Laboratory, Woods Hole, Massachusetts, 31 May-7 June 2000. Seminar leader.

Conference: Dibner Seminar in the History of Biology. "Ecology and Conservation Biology." Marine Biological Laboratory, Woods Hole, Massachusetts, 31 July-5 August, 1995. Seminar leader.

Conference: Dibner Seminar in the History of Biology. "Individuality: Understanding Units and Levels of Organization in Biology." Marine Biological Laboratory, Woods Hole, Massachusetts, 2-9 August 1992. With Jane Maienschein and Sandra Mitchell.

Conference: Centennial Conference on the History of Biology at the University of Chicago, Chicago, Illinois, 22 November 1991. With Adele E. Clarke and Jane Maienschein.

Session: "Getting Back to The Death of Nature, Rereading Carolyn Merchant," History of Science Society Meeting, Minneapolis, Minnesota, 3-6 November 2005. With Judy Johns Schloegel.

Session: "Natures of Healing." History of Science Society Meeting, Cambridge, Massachusetts, 20-23 November 2003. With Helen Tilley.

Session: "Spaces of Health and Illness." History of Science Society Meeting, Vancouver, British Columbia, 2-5 November 2000. With Michelle Murphy.

Session: "Ocean Science, Spectacle, and Politics: Historical Explorations into the Earth's Last Great Frontier." History of Science Society Meeting, San Diego, California, 6-9 November 1997.

With Naomi Oreskes and Ronald Rainger.

Session: "The Politics of Conservation: Coercive Conservation/Subversive Science?" International Society for the History, Philosophy, and Social Studies of Biology meetings, Leuven Belgium, 19-24 July 1995. With Ravi Rajan and Peter Taylor.

Session: "Pictures and Theories: Visual Representations in 19th and 20th-Century Geology, Biology, and Medicine." History of Science Society Meeting, Madison, Wisconsin, 30 October-3 November 1991. With Jane Camerini.

Session: "From Zoos to Museums to Marineland: Biological Science and Its Changing Public." International Society for the History, Philosophy, and Social Studies of Biology Meetings, Northwestern University, 11-14 July 1991.

Session: "Boundary Relations in the Development of Ecology and Ethology." Summer Conference on the History, Philosophy and Social Studies of Biology, Blacksburg, Virginia, June 1987. With Richard W. Burkhardt, Jr.

Session: "Changing Metaphors in Ecology and Evolutionary Biology." History of Science Society Meeting, Pittsburgh, Pennsylvania, 23-26 October 1986.

COURSES TAUGHT

Green Screen: Environmental Film in History and Action; Culture, Wildlife, and Sovereignty; Conceiving the Commons: An Interdisciplinary Approach to Environmental Literacy; Environment and Health in Global Perspective; History of Ecology and Environmentalism; History of Modern Biology; The Social Content of Biology; History of Science Since the Seventeenth Century; Science in American Culture; The Making of Modern Science; Twentieth-Century Science; Graduate Seminars: Historical and Contemporary Perspectives on Ecology and Disease; Historiography, Research, and Methods; History of Animal Behavior Studies; Metaphor in Science; Science and Popular Culture; Darwin and the Social Context of Evolution; The Nature of Natural History; Geographies of Science, Technology, and Medicine

THESES ADVISED AND DIRECTED

Camilo Quintero, *Trading in Birds: A History of Science, Economy, and Conservation in U.S.-Colombia Relations* (Doctoral Dissertation, University of Wisconsin-Madison, 2007), Director.

Paul Erickson, "The Politics of Game Theory: Mathematics and Cold War Culture, 1944-1984." (Doctoral Dissertation, University of Wisconsin-Madison, 2006). Director.

Erika Milam, "Looking for a Few Good Males: The History of Female Choice in Evolutionary Biology, 1915-1975." (Doctoral Dissertation, University of Wisconsin-Madison). Co-director.

Maureen McCormick, "Of Birds, Guano, and Man: William Vogt's *Road to Survival* (Doctoral Dissertation, University of Oklahoma, 2005). Co-director.

Gary M. Kroll, "Exploration in the *Mare Incognita*: Natural History and Conservation in Early Twentieth-Century America" (Doctoral Dissertation, University of Oklahoma, 2000). Director.

JoAnn Palmeri, "An Astronomer Beyond the Observatory: Harlow Shapley as a Prophet of Science" (Doctoral Dissertation, University of Oklahoma, 2000). Co-director.

CURRENT DOCTORAL STUDENTS

Amrys Williams, "The Fourth H: Health and the Making of the Modern Rural American."

Director.

Michitake Aso, "Colonial Ecologies: Environment, Health, and Politics in French Indochina, 1890-1940." Co-Director.

Megan Raby

Peter Boger

Andrew Stuhl

Current committee member for Andrew Case (History), Maya Golden-Krasner (History), Jen Martin (History), Abby Neely (Geography), Kelly Roark (History) Christine Vatovec (Land Resources, NIES).

SERVICE

INSTITUTIONAL—UNIVERSITY OF WISCONSIN

University of Wisconsin Press Committee, 2006-2008.

Arts & Humanities Divisional Committee, 2006-2009; Chair, 2008-2009.

Gaylord Nelson Institute for Environmental Studies, Personnel Committee, 2007.

Dean's Committee on Graduate Student Support, 2006-.

Interim Chair, Department of History of Science, 2003-2004.

Gaylord Nelson Institute for Environmental Studies Director Search and Screen Committee, 2002-2003.

Faculty Senate, 2001-2002 .

Gaylord Nelson Institute for Environmental Studies, IES Governance Faculty, 2001-; APC, 2002-2004.

Program in Science Studies Steering Committee, 2001- .

Campus Natural Areas Committee, 2001-2002.

Visual Cultures Advisory Search Committee, 2001.

INSTITUTIONAL—UNIVERSITY OF OKLAHOMA

Committee A Member, Department of the History of Science, 1996-1997, 1998-1999.

History of Science Club Advisor, Department of the History of Science, 1998-1999.

Department of the History of Science Liaison, Honors College Search, Fall 1998.

Affiliate Faculty Member, International Programs, 1998-2000.

Adjunct Faculty Member, Film and Video Studies Program, 1996-2000.

Steering Committee, Interdisciplinary Perspectives on the Environment Program, 1997-2000.

Colloquium Coordinator, Department of the History of Science, 1992-1994.

Research Display Judge, Graduate Student Research Day, April 1992.

Oklahoma Scholarship, Leadership, Enrichment Program, Faculty Resource Person, "The Battlefields of Science Revisited: Science and Religion in American History," November 1992.

Adopt-A-Faculty Member Program, Housing Program, 1992-1993.

University of Oklahoma, College of Arts and Science, Committee on Conservation Biology Program, 1991.

PROFESSIONAL

History of Science Society Program Co-Chair, 2002.

History of Science Society Committee on Meetings and Programs, 2002-2004.

History of Science Society Nominating Committee, Chair, 2001.

North American Committee, Dibner Visiting History of Science Program, History of Science Society, 1999-2003

History of Science Society Council, 1998-2000.

International Society for the History, Philosophy, and Social Studies of Biology Council, 1999-2003.

American Society for Environmental History 1997 Program Committee.

American Association for the Advancement of Science, History Committee, 1996-1997.
 History of Science Society Committee on Diversity. Member, 1993-1995; Chair, 1994-1995.
 Referee for American Council of Learned Societies, Biology and Philosophy, BioScience, British Journal for the History of Science, Bulletin of the History of Medicine, Configurations, EcoHealth, Environmental History, Frontiers in Ecology and the Environment, Harvard University Press, Isis, Journal of the History of Biology, Medical History, MIT Press, National Science Foundation, National Endowment for the Humanities, National Humanities Center, Perspectives on Science, Princeton University Press, Public Understanding of Science, Science, Technology, and Human Values, Social Studies of Science, University of Chicago Press, University of California Press, University of North Carolina Press, University of Virginia Press, University of Wisconsin Press, Wellcome Trust.

MEDIA/PUBLIC OUTREACH

Organizer and curator of *Tales from Planet Earth* film festival, 2-4 November 2007.
 “Asthma and Allergies Take Root in the New West,” Denver Post, 22 August 2007.
 “A Place-Based Malady,” Orion Magazine, May/June 2007.
 Conversations with Joy Cardin, Wisconsin Public Radio, 28 June 2007.
 Focus 580, Illinois Public Radio, 28 June 2007.
 Diane Rehm Show, NPR, 26 June 2007.
Boston Globe, “Our Allergies, Our Selves,” by Drake Bennett, May 7, 2006.
 NPR, “King Kong,” 9 December 2005.
 WPR, *Here on Earth*, “The March of the Penguins,” 4 September 2005.
 NPR, *Science Friday*, “Science and Nature Filmmaking,” 28 February 2003.
 Scholar Facilitator, *The Research Revolution: Science and the Shaping of Modern Life*, L. D. Fargo Public Library, Lake Mills, Wisconsin, March-April 2003.
 Scholar Facilitator, *Fast Forward: Science, Technology, and the Communications Revolution* Hennepin Country Library, 25 February 2001.

PROFESSIONAL SOCIETIES

American Society for Environmental History (1996-).
 History of Science Society (1984-).
 International Society for the History, Philosophy, and Social Studies of Biology (1987-).
 Organization of American Historians (2005-).
 Society for Literature and Science (1993- 1999).
 Society for the Social Studies of Science (2006-).