

## GREGG A. MITMAN

### ADDRESS

Department of Medical History and Bioethics  
1415 Medical Sciences Center  
University of Wisconsin-Madison  
1300 University Avenue  
Madison, Wisconsin 53706  
Phone: (608) 262-9140  
Email: gmitman@med.wisc.edu  
Website: gmitman.com

### 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  
Vilas Research and William Coleman Professor of History of Science, Medical History, History, and  
Environmental Studies, 2011– .  
Professor, Department of History, 2012– .  
Interim Director, Nelson Institute for Environmental Studies, 2008–2012.  
Affiliate Faculty, Department of Population Health Sciences, 2009– .  
Director, Center for Culture, History, and Environment, 2007–2008, 2013– 2014.  
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– .
- Rachel Carson Center for Environment and Society, Ludwig Maximilian University-Munich, Carson Fellow,  
2016–2017.
- Sydney Environmental Institute, University of Sydney, Visiting Professor, 2015.  
Charles Warren Center for Studies in American History, Harvard University, Visiting Fellow, 2012.  
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, 1991–1995.  
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

Andrew W. Carnegie Fellowship, 2017-2018.  
Carson Fellowship, Rachel Carson Center for Environment and Society, 2016–2017.  
Honored Instructor Award, University of Wisconsin, 2015.  
International FOCAL Award, 2014.  
Wisconsin Without Borders Achievement of Excellence in Global Engaged Scholarship, 2014.  
William H. Welch Medal from the American Association for the History of Medicine, 2012.  
Ralph Gomory Prize, Business History Conference, 2012.  
Charles Warren Center for Studies in American History Fellowship, Harvard University, 2012.  
Vilas Research Professorship, University of Wisconsin-Madison, 2011– .  
WARF Named Professorship, University of Wisconsin-Madison, 2009–2014.  
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.

### GRANTS

#### EXTERNAL

Australian Research Council Discovery Project, 2016–2017. “Understanding Australia in The Age of Humans: Localising the Anthropocene.” Co-Principal Investigator. With Iain McCalman, Libby Robin, Kirsten Wehner, Josh Wodak, Caitilin de Bérigny, Martha Sear, Jennifer Newell, and Jan Zalsiewicz. A\$431,150.  
Henry Luce Foundation, 2015. “Tales from Planet Earth Film Festival.” \$40,000.  
Brookby Foundation, 2015. “Tales from Planet Earth Film Festival.” \$5,000.  
William F. Vilas Trust, 2014. “A Film Never Made.” \$154,000.  
National Science Foundation, 2013. “Where Blood and Latex Flow: History, Science, and Memory in Liberia.” \$277,104.  
Chicken and Egg Pictures, 2013. “CHE/Chicken and Egg Innovation Lab.” \$5,000.  
Bradshaw-Knight Foundation, 2013. “Tales from Planet Earth Film Festival.” \$10,000.  
Andrew W. Mellon Foundation, 2010. “Plants and their Collectors: A Mapping Tool for the JSTOR Plants Database and the History of Botany.” \$17,336.  
Bradshaw-Knight Foundation, 2009. “Tales from Planet Earth Film Festival.” \$35,000.  
Evjue Foundation, 2009. “Tales from Planet Earth Film Festival.” \$10,000.  
Wisconsin Humanities Council, 2009. “Tales from Planet Earth Film Festival.” \$10,000.  
Dane County Cultural Affairs Commission, 2009. “Tales from Planet Earth Film Festival.” \$4,500.  
Madison Arts Commission, 2009. “Tales from Planet Earth Film Festival.” \$1,000.  
Bradshaw-Knight Foundation, 2007. “Tales from Planet Earth Film Festival.” \$10,000.  
Evjue Foundation, 2007. “Tales from Planet Earth Film Festival.” \$7,000.  
Dane County Cultural Affairs Commission, 2007. “Tales from Planet Earth Film Festival.” \$6,000.

Madison Arts Commission, 2007. "Tales from Planet Earth Film Festival." \$2,500.

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 Anonymous Fund, 2015. "Tales from Planet Earth Film Festival." \$6,000.

University of Wisconsin Center for German and European Studies, 2013–2016. "Environmental Futures." \$72,000.

University of Wisconsin, Wisconsin Energy Institute, 2013. "Tales from Planet Earth Film Festival." \$7,000.

University of Wisconsin, Arts Institute, Artist Residency Program, 2013. \$68,460.

Ira and Ineva Reilly Baldwin Wisconsin Idea Endowment, 2009–2010. "Tales from Planet Earth Film Festival." \$70,000.

University of Wisconsin Brittingham Fund, 2009. "Tales from Planet Earth Film Festival." \$10,000.

University of Wisconsin Anonymous Fund, 2009. "Tales from Planet Earth Film Festival." \$5,000.

University of Wisconsin, Arts Institute, Artist Residency Program, 2007. \$78,050.

University of Wisconsin Anonymous Fund, 2007. "Tales from Planet Earth Film Festival." \$7,000.

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 Anonymous 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 Research Council Grant, 1993. \$2,500.  
University of Oklahoma Junior Faculty Summer Research Fellowship, 1992. \$5,000.

## PROFESSIONAL ADVISORY POSITIONS

Convener, North American Observatory, Humanities for the Environment, 2016– .  
Medical-Scientific Council, Asthma and Allergy Foundation of America, 2015– .  
*Arcadia*, Editorial Board, 2013–.  
*Resilience: A Journal of the Environmental Humanities*, Advisory Board, 2013– .  
*Environmental Justice*, Editorial Board, 2008– .  
*Cultural Geographies*, Editorial Advisory Board, 2000– .  
Nominator, MacArthur Fellows Program, 2015, 2005.  
National Science Foundation Review Panel, Science and Technology Studies Program, 2011–2012, 1997–1999.  
*Environmental History*, Editorial Board, 2002–2010.  
National Endowment for the Humanities, “History of Science, Religion, Philosophy” Panel, 2010.  
Advisory Committee Member, Centre for Medical History, University of Exeter, 2003–2008.  
External Evaluator, Ontario Council on Graduate Studies, York University Graduate Programme in the Humanities, June 2007.  
*Journal of the History of Biology*, Associate Editor, 2001–2007.  
American Council of Learned Societies Evaluator, 2005–2006.  
*Isis*, Editorial Advisory Board, 2004–2006.  
NEH Panel member for evaluating 1995 Summer Stipend Research Awards.

## PUBLICATIONS

### BOOKS

*The World that Firestone Built: Capitalism, American Empire, and the Forgotten Promise of Liberia* (New York: The New Press, under contract).

*Breathing Space: How Allergies Shape Our Lives and Landscapes*. New Haven: Yale University Press, 2007. Winner of the 2012 William H. Welch Medal from the American Association for the History of Medicine and 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: 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 Marco Armiero and Rob Emmett. *Future Remains: A Cabinet of Curiosities for the Anthropocene* Chicago: University of Chicago Press, 2017.

Co-editor. With Kelley Wilder. *Documenting the World: Film, Photography, and the Scientific Record*. Chicago: University of Chicago Press, 2016.

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).

## FILMS

*The Land Beneath Our Feet*. (60 min., 2016). Director/Producer, with Sarita Siegel. Available through Passion River Films. <http://thelandbeneathourfeet.com>. Winner of a Global Insights Award, 2017 Black Maria Film Festival; Honorable Mention, Houston Black Film Festival. Trailer won the 2014 International FOCAL Award for best use of archival footage in a short production.

Select screenings: Stories of the Anthropocene Festival, Stockholm (10/29/2016); Leeds International Film Festival (World Premiere, 11/14/2016); University of California-Santa Cruz (01/09/2017); Tallinn University (1/23/2017); Denton Black Film Festival (1/29/2017); Black Maria Film Festival (Touring, 2017); University of Oslo (2/8/2017); Smithsonian Museum of Natural History/DC Environmental Film Festival (2/28/2017); American Society for Environmental History Meeting (3/30/2017); Royal Anthropological Institute Film Festival (3/30/2017); Princeton Environmental Film Festival (3/31/2017); University of Rochester (4/4/2017); American Association of Geographers Meeting (4/6-9/2017); Harvard University (4/7/2017); Dartmouth University (4/10/2017); San Diego Black Film Festival (4/30/2017); DOK.Fest Munich (05/12/17); European Society for Environmental History Meeting (06/29/2017).

*In the Shadow of Ebola* (23 min, 2015). Director/Producer, with Sarita Siegel. A co-production with Alchemy Films and the Independent Television Service (ITVS) with funding provided by the Corporation for Public Broadcasting. <http://www.pbs.org/independentlens/in-the-shadow-of-ebola/>

Select screenings: Wisconsin Film Festival (4/11/2015); National Museum of Australia (5/12/2015); Sheffield Doc/Fest Videotheque (6/5–6/10, 2015); Centers for Disease Control and Prevention (7/22/2015); Global Public Health Film Festival, American Public Health Association (11/4/2015); Society for Visual Anthropology Film Festival, American Anthropological Association (11/19/2014); African Studies Association Meeting (11/20/2015).

## WEBSITES

*A Liberian Journey: History, Memory, and the Making of a Nation*. <http://liberianhistory.org>. Launched March 21, 2016. Highlighted by *Slate* magazine as one of the ten most compelling digital history websites for 2016.

## ARTICLES/BOOK CHAPTERS

With Marco Armiero and Rob Emmett, “Preface.” In *Future Remains: A Cabinet of Curiosities for the Anthropocene*, edited by Gregg Mitman, Marco Armiero and Rob Emmett. Chicago: University of Chicago Press, 2017.

“Hubris or Humility? Genealogies of the Anthropocene.” In *Future Remains: A Cabinet of Curiosities for the Anthropocene*, edited by Gregg Mitman, Marco Armiero and Rob Emmett. Chicago: University of Chicago Press, 2017.

“Forgotten Paths of Empire: Ecology, Disease, and Commerce in the Making of Liberia’s Plantation Economy.” *Environmental History* 22 (2017): 1–22.

With Kelley Wilder. “Introduction.” In *Documenting the World: Film, Photography, and the Scientific Record*, edited by Gregg Mitman and Kelley Wilder, pp. 1–22. Chicago: University of Chicago Press, 2016.

“A Journey without Maps: Film, Expeditionary Science, and the Growth of Development.” In *Documenting the World: Film, Photography, and the Scientific Record*, edited by Gregg Mitman and Kelley Wilder, pp. 124–149. Chicago: University of Chicago Press, 2016.

“Ebola in a Stew of Fear.” *New England Journal of Medicine* 371 (November 6, 2014): 1763–1765.

With Rob Nixon. “A Dialogue on Form, Knowledge, and Representation.” In *Minding the Gap: Working Across Disciplines in Environmental Studies*, edited by Robert Emmett and Frank Zelko. Rachel Carson Center Perspectives (2014) 2: 61–67.

“Living in a Material World.” *Journal of American History* 100 (2013): 128–130.

“The Color of Money: Campaigning for Health in Black and White America.” In *Imagining Illness: Public Health and Visual Culture*, edited by David Serlin, pp. 40–61. Minneapolis: University of Minnesota Press, 2011.

With Paul Erickson. “Latex and Blood: Science, Markets, and American Empire.” *Radical History Review* 107 (2010): 45–73. Winner of the 2012 Ralph Gomory Prize from the Business History Conference.

“Wildlife Films.” In *The Palgrave Dictionary of Transnational History*, edited by Pierre-Yves Saunier and Akira Iriye. Houndmills, Basingstoke, Hampshire: Palgrave MacMillan, 2009.

“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. Translated and republished as “Em busca de saúde: paisagem e doença na história ambiental americana.” *Revista de História Regional* 20 (2015): 460–496.

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 Sensuous 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.

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 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 Orié L. Loucks, pp. 123–144. Madison: Wisconsin Academy of Arts and Sciences, 1993.

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 Françoise 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: 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.

## DIGITAL BLOGS/ESSAYS

"A Liberian Journey," *Edge Effects*, 17 May 2016. <http://edgeeffects.net/liberian-journey/>

"We must see digitally creative projects as essential to scholarship and teaching in the 21st century," *Ant, Spider, Bee*, 31 March 2015. <http://www.antspiderbee.net/2015/03/31/we-must-see-digitally-creative-projects-as-essential-to-scholarship-and-teaching-in-the-21st-century/>

"Alex Rivera: Trickster at the Border." Fall 2013. <https://artsinstitute.wisc.edu/iarp/rivera/about.html>

## ESSAY REVIEWS

"Life in the Ruins." *BioSocieties* 11 (2016): 396–400.

"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

"The End Times of Cold War Ecology." Review of Jacob Hamblin, *Arming Mother Nature: The Birth of Cold War Environmentalism*. *Science* 341 (2013): 614–615.

"The Many Lives of Whales." Review of D. Graham Burnett, *The Sounding of the Whale: Science and Cetaceans in the Twentieth Century*. *Science* 335 (2012): 920–921.

Andrew Kirk, *Counterculture Green: The Whole Earth Catalog and American Environmentalism*. *Western Historical Quarterly* 40 (2009): 93.

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* 95 (2008): 584.

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 Labs: 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.

## INTERVIEWS

“The Land Beneath Our Feet.” An interview with Gregg Mitman by David Serlin. *Radical History Review* 127 (2017): 187-196.

## INVITED LECTURES

2017 “Parasites of Capital: Tales of Ecology, Disease, and Landscape in a Neoliberal Age.” History, Theory, and Criticism of Art and Architecture Forum, Massachusetts Institute of Technology, 5 April.

“In the Shadow of Ebola.” Inaugural Lecture, Schyve Center for Bioethics, University of Rochester, 5 April.

“Parasites of Capital: Tales of Ecology and Disease in a Neoliberal Age.” Humanities Center, University of Rochester, 4 April.

“Parasites of Capital: Tales of Ecology and Disease in a Neoliberal Age.” New Natures, Entangled Cultures: Perspectives in Environmental Humanities, Sixth Winter School of the Estonian Graduate School of Culture, Studies, and Arts, Tallinn University, 23-27 January.

AURA Slow Seminar on “The Anthropocene and Climate Change with The Great Derangement.” A series of workshops and a film screening focused on recent work. Institute for Humanities Research, UC-Santa Cruz & Aarhus University, Denmark. 9 January.

2016 “Parasites of Capital: Tales of Ecology and Disease in a Neoliberal Age.” Deutsches Museum, 14 November. “Forgotten Paths of Empire.” The 2016 Alfred E. Golz Memorial Lecture, Bowdoin College, 7 November.

“A Liberian Journey: Notes from the Field on History of Science and Engagement.” 2016 Elizabeth Paris Public Engagement Event, History of Science Society Meetings, Atlanta, Georgia, 5 November.

“A Liberian Journey: Notes from the Field on History, Film, and Engagement.” Leicester University, 24 October.

“A Liberian Journey.” Politics Through the Archives of Photography, Film, and Art, Cambridge Festival of Ideas, Cambridge University, 22 October.

“A Liberian Journey: Notes from the Field on Environmental Humanities and Engagement.” Penn Program in the Environmental Humanities, University of Pennsylvania, 14 April.

“Forgotten Paths of Empire.” John Hope Franklin Humanities Institute, Duke University, 26 February.

“Building the Environmental Humanities: Reflections from CHE.” University of Oregon, 22 January.

- 2015 “Viral Ecologies.” Climate Change and the Scales of Environment, Graduate School of Architecture, Planning, and Preservation, Columbia University, 4 December.
- “Forgotten Paths of Empire.” Department of Science and Technology Studies. Cornell University, 19–20 October.
- “Parasites of Capital.” Engineered Worlds Conference, Neubauer Collegium for Culture and Society, University of Chicago, 2–3 October.
- “Forgotten Paths of Empire.” Centre for Environmental History, Australia National University, 14 May.
- “Forgotten Paths of Empire.” Sydney Environmental Institute, University of Sydney, 7 May.
- “Forgotten Paths of Empire.” Wesleyan University, 21 April.
- “Hubris or Humility?: Genealogies of the Anthropocene.” Keynote Lecture, Humanities Center Altman Symposium, Miami University, 9 April.
- “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” Edwin Way Teale Lecture, University of Connecticut, 26 March.
- “Forgotten Paths of Empire.” Presidential Address, American Society for Environmental History, Washington, DC, 19 March.
- 2014 “A Film Never Made: History, Science, and Memory in Liberia.” Annual History, Philosophy, and Social Studies of Science and Medicine Lecture, University of Chicago, 14 May.
- “Ecological Imperialism Revisited: Entanglements of Bodies, Knowledge, and Commerce in a Global World.” Keynote Lecture, IRPH-Mellon Symposium: Ecological Bodies, University of Illinois at Urbana-Champaign, 1 May.
- With Peter Boger. “Digital Storytelling in Action: A Behind-the-Scenes Look at the *Tales from Planet Earth* Project.” *Tales from Planet Earth*, KTH Royal Institute of Technology, 9–12 April.
- “A Film Never Made: History, Science, and Memory in Liberia.” Program in History of Science, Technology, and Medicine, University of Minnesota, 28 March.
- “Where Blood and Latex Flow: Expeditionary Science and the Making of Firestone Plantations Company in Liberia.” STS Lecture Series in Science and Capitalism, Brown University, 6 March.
- “A Film Never Made: History, Science, and Memory in Liberia.” Rachel Carson Center for Environment and Society, 27 February.
- “Cinematic Journeys: The Many Lives of an Expedition Film Never Made.” Situating Science Series, York University, 13 February.
- 2013 “A Film Never Made: History, Science, and Memory in Liberia.” Africa at Noon, African Studies Program, University of Wisconsin-Madison, 4 December.
- “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” Globalizing Histories of Science, Technology, and Medicine, NYU-Abu Dhabi, 19–21 May.
- “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” Ohio State University, 12 April.

- “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” New York Academy of Medicine, 4 March.
- “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” Focus on the Humanities: Distinguished Faculty Lecture, Center for the Humanities, University of Wisconsin-Madison, 13 February.
- 2012 “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” Department of Geography, University of North Carolina, 30 November.
- “Where Blood and Latex Flow: Health as Diplomacy in US-Liberia Relations.” ASA Program Committee: Dimensions of Empire and Resistance: Global Health, American Studies Association Meeting, San Juan, Puerto Rico, 14–18 November.
- “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” Program in History of Science, Princeton University, 20 September.
- “Ecological Imperialism Revisited: Entanglements of Disease, Commerce, and Knowledge in a Global World.” Keynote Lecture, Rachel Carson Center/Science Museum Conference on “Science, Space, and the Environment,” 17–18 July.
- “Documenting the World: Film, Photography, and the Scientific Record.” STS Circle, Harvard University, 9 April.
- “A Journey Without Maps: Film, Expeditionary Science, and the Growth of Development.” Department of History of Science, Harvard University, 3 April.
- “Where Blood and Latex Flow: Expeditionary Science and the Growth of Development in Liberia.” Charles Warren Center for Studies in American History, Harvard University, 19 March.
- “Commentator: Graham Burnett, *The Sounding of the Whale*. STS Colloquia Series, Program in Science, Technology, and Society,” Massachusetts Institute of Technology, 12 March.
- 2011 “A Journey Without Maps: Film, Expeditionary Science, and the Growth of Development.” Distinguished Faculty Lecture, Gallatin College, NYU, 8 December.
- “The Matter of Ideas: Knowledge and Agency at the Borders of Environmental History and the History of Science.” International Workshop on Environmental History: Disasters and Sustainability & GIS Day, Florianópolis, Santa Catarina, Brazil, 15–19 November.
- “A Journey Without Maps: Film, Expeditionary Science, and the Growth of Development.” University of Southern California, 22 September.
- “The New Green Wave: Media Landscapes of Human-Animal Relations.” Rachel Carson Center for Environment and Society, Munich, Germany, 15 June.
- “A Journey without Maps: Film and the Cartography of Subjectivity.” Rachel Carson Center for Environment and Society, Munich, Germany, 15 June.
- “America’s Rubber Empire: Ecology, Disease, and Commerce in the Making of Firestone Plantations Company.” Department of History, Columbia University, 2 March.
- 2010 “Latex and Blood: Science, Markets, and American Empire.” UCSD Science Studies Program Colloquium Series, University of California-San Diego, 20 May.

- “Ecology, Justice, and the Value of Community.” Earth Day at 40, Madison, Wisconsin, 20–21 April.
- Commentator: “Human Science, Human Subjects.” Max Planck-University of Chicago Workshop, University of Chicago, 2–3 April.
- “The New Green Wave: Media Landscapes of Human-Animal Relations.” Science a Moving Image, Harvey Mudd College, 18–20 February.
- “Latex and Blood: Science, Markets, and American Empire.” Lawrence Badash Distinguished Lecture, University of California–Santa Barbara, 22 February.
- “Latex and Blood: Science, Markets, and American Empire.” Klopsted Seminar Series in Science in Human Culture, Northwestern University, 8 February.
- 2009 “The Inner Life of Animals.” Choices and Challenges, Virginia Tech University, 5 November.
- “The New Green Wave: Media Landscapes of Human-Animal Relations.” Keynote Lecture, Queen City Colloquium, University of Cincinnati, 5 June.
- “The New Green Wave: Media Landscapes of Human-Animal Relations.” Visualizing Animals, Pennsylvania State University, 30 April–1 May.
- “Latex and Blood: Toward a Visual Economy of Science, Commerce, and American Empire.” Program in Science, Technology, and Society, University of Michigan, 9 February.
- 2008 “Latex and Blood: Toward a Visual Economy of Science, Commerce, and American Empire.” Yi Fu Tuan Lecture, Department of Geography, University of Wisconsin-Madison, 21 November.
- “Glamorous Species.” National Conservation Training Center, U.S. Fish and Wildlife Service, 5 November.
- “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, 16 April.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America,” J. Paul Taylor Symposium on Social Justice, New Mexico State University, 30 March.

- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America,” Science, Technology, & Society Seminar Series, Columbia University, 22 February.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Morris Fishbein Center/CHSS, University of Chicago, 26 January.
- 2006 “Breathing Space: An Ecological History of Allergy in America.” Department of Biology, Florida State University, 1 December.
- “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, 27 May.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Department of History of Science, Medicine, and Technology, Johns Hopkins University, 9 March.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Simpson Center for the Humanities, University of Washington, 3 March.
- “The Last Resorts: Allergy and Landscape on the Western Frontier.” Department of History, University of Washington, 2 March.
- “Breathing Space: An Ecological History of Allergy in America.” Hamilton College, 20 February.
- “Glamorous Species.” Hamilton College, 19 February.
- 2005 “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Department of History, UCLA, 6 June.
- “Pachyderm Personalities: The Media of Science, Politics, and Conservation.” Program in Natural History Filmmaking and Communication, University of Otago, New Zealand, 3 May.
- “Breathing Space: An Ecological History of Allergy in America.” Open Lecture, University of Otago, New Zealand, 2 May.
- “Glamorous Species.” WildSouth International Film Festival, Wanaka, New Zealand, 27 April.
- “Cockroaches, Housing, and Race: A History of Asthma and Urban Ecology in America.” Department of Medical Humanities, East Carolina University, 22 April.
- “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, 23 March.
- “In Search of Health: Landscape and Disease in American Environmental History.” Department of Geography, University of North Carolina, 28 January.
- “The Last Resorts: Allergy and Landscape on the Western Frontier.” National Humanities Center, 13 January.
- 2004 “In Search of Health: Landscape and Disease in American Environmental History.” Modern Times, Rural Places series, Massachusetts Institute of Technology, 10 December.
- “Geographies of Hope: Mining the Frontiers of Health in Denver and Beyond, 1870–1965.” Global Health Studies Program, University of Iowa, 30 March.

- “Campaigning for Health: Visual Languages of Disease and Race in America, 1935–1965.” Department of History, University of Georgia, 27 February.
- “Pachyderm Personalities: The Media of Science, Politics, and Conservation.” Institute of Ecology, University of Georgia, 27 February.
- “Campaigning for Health: Visual Languages of Disease and Race in America, 1935–1965.” Program in Science and Human Culture, Northwestern University, 16 January.
- 2003 “Childhood Asthma: The Public Response in Historical Terms.” Conference on Childhood Asthma and the Community, Sarah Lawrence College, 3 December.
- “Campaigning for Health: Visual Languages of Disease and Race in America, 1935–1965.” Conference on Visual Culture and Public Health, National Library of Medicine, 16–17 October.
- 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, 5–7 June.
- “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, 26 April.
- “The Jungle is Fraught with Danger—The Role of Narrative in Natural History Film.” Featured panel, International Wildlife Film Festival, Missoula, Montana, 19–26 April.
- 2002 “Hay Fever Holiday: Health, Leisure, and Place in Gilded-Age America.” Milwaukee Academy of Medicine, 19 November.
- “Producing and Consuming Natures.” Plenary Speaker, American Society for Environmental History Meetings, Denver, Colorado, 20–24 March.
- “Pachyderm Personalities: The Media of Science, Politics, and Conservation.” Princeton Workshop in the History of Science, 23 February.
- “Pachyderm Personalities: The Media of Science, Politics, and Conservation.” University of Oslo, 20 February.
- 2001 “Pachyderm Personalities: When Numbers Don’t Count.” Max Planck Institute for the History of Science, Berlin, Germany, 11 May.
- “Hay Fever Holiday: Health, Leisure, and Place in Gilded-Age America.” Department of Geography, University of Wisconsin-Madison, 2 November.
- “Hay Fever Holiday: Health, Leisure, and Place in Gilded-Age America.” Department of History, University of Washington, 5 March.
- “When Pollen Became Poison: A Cultural Geography of Ragweed in America.” Keynote Address, Columbia History of Science Meeting, Friday Harbor, Washington, 2–4 March.
- 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, 12–14 October.
- “Sex, Science, and Environmental Politics: The Making of a Dolphin Star.” Program in the History of Science and Technology, University of Minnesota, 15 September.

- “Hay Fever Holiday: Health, Leisure, and the Persistence of Place.” Department of History and Philosophy of Science, Cambridge University, 7 March.
- 1999 “Sex, Science, and Environmental Politics: The Making of a Hollywood Pet Star.” Lawrence University, 10 November.
- “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, 19 March.
- 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.
- “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, 9 April.
- 1997 “True-Life Adventures: Disney’s Nature in Cold War American Culture.” Department of the History of Science, Harvard University, 2 December.
- “Social Organisms and Selfish Genes: Evolutionary Thought in Twentieth-Century American Culture.” Evolution and Population Biology Graduate Program Student Seminar, Washington University, 5 November.
- “The Limits of the Earth: Cold War Visions of Conservation and Containment in the Developing World.” Ecology Program, University of Missouri-St. Louis, 4 November.
- “Hunting with the Camera: Artifice and Authenticity on the Silent Screen.” Department of History and Sociology of Science, University of Pennsylvania, 22 September.
- “High Over the Borders: Visions of International Conservation from Pan-Americanism to the Arusha Conference.” Nature’s Histories: International Summer Academy in the History of Science, Max-Planck Institute für Wissenschaftsgeschichte, Berlin, Germany, 25–29 August.
- “True-Life Adventures: The Nature of Popular Culture in 1950’s America.” Science Studies Program, University of California-San Diego, 14 April.
- 1996 “Hunting With the Camera: Cinema, Wildlife, and the Science of Ethology.” Departments of History and Zoology, Oklahoma State University, 11 October.
- “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.
- “Life in the Field: The Nature of Popular Culture in 1950’s America.” Wenner-Gren Conference on Changing Images of Primate Societies: The Role of Theory, Method, and Gender; Hotel Rosa dos Ventos, Teresópolis, Brazil, 15–23 June.
- “Environmental and Conservation Issues.” NSF Workshop on Biology and Law, Arizona State University, 31 May–1 June.
- 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, 8 November.
- “Ecology and the Surveillance of Nature: Peering Outside the Keyhole of Laboratory ‘Life.’” Fifth Annual Mellon Workshop, Massachusetts Institute of Technology, 6 May.

- “Environmental and Conservation Issues.” NSF Workshop on Biology and Law, Arizona State University, 24–25 March.
- “When Nature *is* the Zoo: Vision and Power in the Art and Science of Natural History.” Department of History, University of Washington, 30 January.
- “When Nature *is* the Zoo: Vision and Power in the Art and Science of Natural History.” Department of History, Oregon State University, 27 January.
- 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, 15–17 April.
- 1993 “When Nature *is* the Zoo: Scientific and Popular Spectacle at Jackson Hole, Wyoming.” Phi Beta Kappa lecture, University of Oklahoma, 29 October.
- “Changing Conceptions of the ‘Natural’ and Normative in Twentieth-Century Ecology.” Conference on “The Notion of Sustainability and Its Normative Implications,” Senter for Vitskapsteori, Universitetet I Bergen, Norway, 4–6 June.
- “Cinematic Nature: Hollywood Technology, Popular Culture, and the Science of Animal Behavior.” Princeton University Workshop in the History of Science, 2–3 April.
- 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, 22–24 June.
- “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, 5–6 March.
- “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, 22 January.
- 1991 “From Museums to Movies to Marineland: Hollywood Technology, Popular Culture, and the Science of Behavior, 1930–1960.” Department of Ecology and Behavioral Biology, University of Minnesota, 18 April.
- “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, 15 February.
- “Dominance, Leadership, and Aggression: Animal Behavior Studies During the Second World War.” Program in History and Philosophy of Science, University of California-Davis, 1 March.
- “Dominance, Leadership, and Aggression: Animal Behavior Studies During the Second World War.” Department of History, University of California, Santa Barbara, 23 January.
- 1990 “The Human Place in Nature.” Session commentator, University of Oklahoma Centennial Conference of the History of Science, 6–8 September.
- “Dominance, Leadership, and Aggression: Animal Behavior Studies During the Second World War.” Program in History of Science and Technology, University of Minnesota, February.
- 1989 “W. C. Allee, G. K. Noble, and the Search for a Comparative Sociology.” Animal Behavior Society Meeting, University of Northern Kentucky, 11–17 June.
- “Dominance, Leadership, and Aggression: Animal Behavior Studies During the Second World War.” Michigan State University, Lyman Briggs School, February.



## PRESENTED PAPERS

“Other Tools, Other Narratives” Roundtable. European Society for Environmental History Meeting, Versailles, France, 30 June–3 July 2015.

“A Film Never Made: History, Science, and Memory in Liberia.” History of Science Society Meeting, Chicago, Illinois, 6–9 November 2014.

With Gabriela Soto Laveaga. “Plantation Ecologies and Imagined Pasts: Geography and Race in the Disease Narratives of Ecological Imperialism.” Second World Congress in Environmental History, Guimaraes, Portugal, 8–12 July 2014.

“Author Meets Critics: Hugh Raffles, *Insectopedia*,” Society for the Social Studies of Science, San Diego, California, 9–12 October 2013.

Global Health Film Soiree, American Association for the History of Medicine, Atlanta, Georgia, 16 May 2013.  
“America’s Rubber Empire: Ecology, Disease, and Commerce in the Making of Firestone Plantations Company.” History of Science Society Meeting, 4–7 November 2010.

“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, British Columbia, 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.” Second 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.” Ecological Society of America Meeting, 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.

With Anne Fausto-Sterling. “Whatever Happened to Planaria?” 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, WORKSHOPS, AND SESSIONS ORGANIZED

Workshop, “Visualising Environmental Humanities and History,” Sydney Environmental Institute, University of Sydney, 4–8 May 2015. With Iain McCalman and Tom Griffiths.

Conference, “The Anthropocene Slam: A Cabinet of Curiosities.” University of Wisconsin-Madison, 8–10 November 2014. In collaboration with the Rachel Carson Center for Environment and Society, Munich and the Environmental Humanities Laboratory, Stockholm.

Workshop, “Where Media Practice Meets STS: A Collaborative Workshop in Visual Science & Technology Studies.” University of Wisconsin-Madison, 31 October–1 November 2013. With Peter Galison.

Conference, “Documenting the World: Photographic Media and the Scientific Record.” Max Planck Institute for the History of Science, 7–10 January 2010. With Kelley Wilder.

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, “Other Tools, Other Narratives,” European Society for Environmental History Meeting, 30 June–3 July 2015. With Marco Armeiro.

Session, “Thinking through History with John Sayles,” American Historical Association Meeting, New Orleans, Louisiana, 3–6 January 2013.

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**

### **UNDERGRADUATE**

Community Engagement through Film  
Conceiving the Commons: An Interdisciplinary Approach to Environmental Literacy  
Culture, Wildlife, and Sovereignty  
Environmental Filmmaking Workshop  
Environment and Health in Global Perspective  
Green Screen: Environmental Perspectives through Film  
History of Ecology and Environmentalism  
History of Modern Biology  
History of Science Since the Seventeenth Century  
Science in American Culture  
The Making of Modern Science  
Twentieth-Century Science

### **GRADUATE**

Darwin and the Social Context of Evolution  
Geographies of Science, Technology, and Medicine  
Historical and Contemporary Perspectives on Ecology and Disease  
Historical and Cultural Methods in Environmental Research  
Historiography, Research, and Methods  
History of Animal Behavior Studies  
Metaphor in Science  
Science and Popular Culture  
Scientific Expeditions  
The Nature of Natural History

## **THESES ADVISED AND DIRECTED**

Peter Boger, “The Nature of Celebrity and the Celebrity of Nature: Digital Adaptation and Wildlife in the Age of the Anthropocene.” (Doctoral Dissertation, University of Wisconsin-Madison, 2015), Director.

Andrew Stuhl, “Empires on Ice: Science, Nature, and the Making of the Modern Arctic” (Doctoral Dissertation, University of Wisconsin-Madison, 2013), Director. Winner of the 2014 Rachel Carson Prize from the American Society for Environmental History. Winner of the 2017 Young Scholar Prize of the International Union of the History and Philosophy of Science.

Anna Zeide, “In Cans We Trust: Food, Consumers, and Scientific Expertise in Twentieth-Century America” (Doctoral Dissertation, University of Wisconsin, 2013), Director.

Megan Raby, “Making Biology Tropical: American Science in the Caribbean, 1898–1963” (Doctoral Dissertation, University of Wisconsin-Madison, 2012), Director.

Amrys Williams, “Cultivating Modern America: 4-H Clubs and Rural Development in the Twentieth Century” (Doctoral Dissertation, University of Wisconsin-Madison, 2012), Director.

Michitake Aso, “Forest Without Birds: Ecology and Health on the Rubber Plantations of French Colonial Vietnam, 1890–1954” (Doctoral Dissertation, University of Wisconsin-Madison, 2011), Co-director  
Winner of the 2013 Young Scholar Prize of the International Union of the History and Philosophy of Science.

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.

Erika Milam, “Looking for a Few Good Males: The History of Female Choice in Evolutionary Biology, 1915–1975” (Doctoral Dissertation, University of Wisconsin-Madison, 2007), Co-director.

Paul Erickson, “The Politics of Game Theory: Mathematics and Cold War Culture, 1944–1984” (Doctoral Dissertation, University of Wisconsin-Madison, 2006), Director. Winner of the 2009 Young Scholar Prize of the International Union of the History and Philosophy of Science.

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.

## SERVICE

### PROFESSIONAL

American Society for Environmental History, President, 2013–2015.

American Society for Environmental History, Executive Committee, 2009– .

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.

### INSTITUTIONAL—UNIVERSITY OF WISCONSIN

Director, Nelson Institute Center for Culture, History, and Environment, 2007–2008, 2013–2014.

Interim Director, Nelson Institute for Environmental Studies, 2008–2012.

Graduate Council, Department of History, 2014–2016.

Chair, Sustainability Task Force, 2009.

University of Wisconsin Leadership Council, 2008–2012.

University of Wisconsin Press Committee, 2006–2008, 2015–2106.

Arts & Humanities Divisional Committee, 2006–2008.

Nelson Institute for Environmental Studies, Personnel Committee, 2007.

Dean’s Committee on Graduate Student Support, 2006–2007.

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

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

Faculty Senate, 2001–2002.

Gaylord Nelson Institute for Environmental Studies, Governance Faculty, 2001– ; Academic Planning Council, 2002–2004.

Robert E. and Jean E. Holtz Center for Science & Technology 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.

## MEDIA/PUBLIC OUTREACH

National History Center, Congressional Briefing on Ebola and the African Health Crisis in Historical Perspective, Washington, D.C., 17 November 2014.  
Central Time, Wisconsin Public Radio, “Fear of Ebola and Its Impact on U.S. and West African Culture,” 13 October 2014.  
To the Best of Our Knowledge, Wisconsin Public Radio, “The Role of History and Mistrust in West Africa’s Ebola Crisis,” 24 September 2014.  
Tales from Planet Earth Film Festival, Director, 2007, 2009, 2012, 2013, 2015.  
Wisconsin Life, Wisconsin Public Radio, “Ragweed,” 5 August 2011.  
“Jobs Grow in a Healthy Environment,” *Milwaukee Journal Sentinel*, 21 April 2011.  
University of the Air, Wisconsin Public Radio, “Gaylord Nelson and Earth Day,” 18 April 2010.  
“Earth Day, 40 years later: Environment redefined,” *Milwaukee Journal Sentinel*, 17 April 2010.  
With Judith Helfand, “Tales from Planet Earth is more than a film fest,” *Capital Times*, 1 November 2009.  
Veronica Rueckert Show, Wisconsin Public Radio, 6 November 2009.  
“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, National Public Radio, 26 June 2007.  
Weekend Edition, National Public Radio, “The Myths and Men Behind ‘King Kong,’” 11 December 2005.  
Here on Earth, Wisconsin Public Radio, “The March of the Penguins,” 4 September 2005.  
Science Friday, National Public Radio, “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 County Library, 25 February 2001.

## PROFESSIONAL SOCIETIES

American Historical Association, 2013– .  
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 the Social Studies of Science, 2006– .