

ERIKA LORRAINE MILAM

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ACADEMIC APPOINTMENTS

- 2012 – Princeton University, History Department & Program in the History of Science
2021 - *Charles C. and Emily R. Gillispie Professor in the History of Science*
2017 - *Professor*
2012 - 2017 *Associate Professor*
- 2020 Spring *Fellow*, Garden & Landscape Studies, Director Thäisa Way, Dumbarton Oaks
Research Library and Collection, Harvard University, Washington DC
- 2015 - 2016 *Visiting Scholar*, Dept. II: Ideals & Practices of Rationality, Director Lorraine
Daston, Max Planck Institute for the History of Science, Berlin, Germany
- 2008 - 2012 University of Maryland, Department of History, College Park, MD
2011 - 2012 *Associate Professor*
2008 - 2011 *Assistant Professor*
- 2007 - 2008 *Postdoctoral Fellow*, Dept. II: Ideals & Practices of Rationality, Director Lorraine
Daston, Max Planck Institute for the History of Science, Berlin, Germany
- 2006 - 2007 *Lecturer*, Clemson University, Department of Biological Sciences &
Program in Science and Technology in Society, Clemson, SC

EDUCATION

- 2006 Ph.D. History of Science, University of Wisconsin - Madison
Thesis: "Looking for a Few Good Males: Female Choice in Evolutionary
Biology, 1915-1975," co-Chairs: Gregg Mitman and Lynn Nyhart
- 2002 M.A. History of Science, University of Wisconsin - Madison
- 1999 M.S. (Ecology & Evolutionary) Biology, University of Michigan - Ann Arbor
- 1996 B.A. Biology, *cum laude*, Carleton College, Northfield, MN

RESEARCH PUBLICATIONS & SCHOLARLY ACTIVITIES
MONOGRAPHS

2019 *Creatures of Cain: The Hunt for Human Nature in Cold War America* (Princeton, NJ: Princeton University Press).

Awarded the 2020 Suzanne J. Levinson Prize, *History of Science Society*
Short-listed for the 2020 John Pickstone Prize, *British Society for the History of Science*
Finalist for the 2021 Cheiron Book Prize, *Cheiron*

Interviews & Podcasts

Interview: “Roundtable with Erika Milam, 2020 Levinson Prize Winner,” with Matthew Goodrum, Georgina Montgomery, & Marga Vicedo, *HSS Newsletter* (July 2021): [link](#).

Interview: *New Book Forum: Science, Medicine, Environment*, with Nils Güttler and Niki Rhyner (3 March 2021): [link](#).

Podcast: *In Theory: The Journal of the History of Ideas Podcast*, with Disha Karnad Jani (9 September 2020): [link](#).

Podcast: “Planet of the Killer Apes,” Science Friday’s *Undiscovered* with Annie Minoff and Elah Feder (27 November 2019): [link](#).

“Human Nature in a Pickup Truck,” *History of Anthropology Newsletter* (8 August 2019): [link](#).

Podcast: *Time to Eat the Dogs* with Michael Robinson (8 April 2019): [link](#).

Rebroadcast on *New Books Network* (4 October 2019): [link](#).

Podcast: Q & A with Valerie Thompson, *Science*, “Books, et al.” (25 January 2019): [link](#).

“The Hunt for Human Nature,” *Aeon* (8 November 2018): [aeon.co](#).

2010 *Looking for a Few Good Males: Female Choice in Evolutionary Biology*, series: Animals, History, Culture (Baltimore, MD: Johns Hopkins University Press).

Outstanding Academic Title, *Choice Magazine* (January 2011)

Translations

Forthcoming translation into Simplified Chinese (Shenyang: Liáoníng Science & Technology Publishing House, ~2023).

Translated into Slovak as *Zopár Správnych Chlapov: Ženský výber v evolučnej biológii*, trans. Daniel Levický Archleb (Bratislava: Hadart Publishing, 2019).

Interviews & Radio

Interview with Daniel Levický Archleb, “Rozhovor: Erika L. Milam - Zopár správnych chlapov,” *SME Kultúra* (22 January 2020): [link](#). [Slovak]

“Appealing Choice,” *The Scientist* 25/1 (January 2011): 64.

Radio Interview, *Midday with Dan Rodricks*, 88.1 WYPR Baltimore (26 May 2010, rebroadcast 10 December 2010), 49 min.

EDITED COLLECTIONS & SPECIAL ISSUES

- 2021 *co-edited* with Suman Seth, *Descent of Darwin: Sex, Race, and Human Nature*, for *BJHS Themes* Vol. 6 (2021), featuring an introduction and eleven articles.
- 2020 *edited* “Looking Backward, Looking Forward: HSNS at 50,” a Special Issue of *Historical Studies in the Natural Sciences* 50 (1-2), featuring eleven short retrospectives.
- 2016 *co-edited* with Debbie Weinstein, “Science in the Public Eye,” *Endeavour* 40 (4): 223-267, contributions by Erika Milam, Jason Oakes, Myrna Perez Sheldon, Debbie Weinstein.
- 2015 *co-edited* with Robert A. Nye, *Scientific Masculinities, Osiris* Vol. 30 (Chicago: University of Chicago Press), 302 pp., featuring an introduction and twelve articles.
- 2014 *edited* “Focus Section: The Peculiar Persistence of the Naturalistic Fallacy,” *Isis* 105 (3): 564-616, contributions by Warwick Anderson, Lorraine Daston, Brooke Holmes, Erika Milam, and Matthew Stanley.
- 2012 *co-edited* with Michael Gordin, “Fifty Years of *The Structure of Scientific Revolutions*,” *Historical Studies in the Natural Sciences* 42(5): 476-580, featuring twenty very short essays.

PUBLIC-FACING SCHOLARLY WEBSITE

- 2015 *co-edited* with Joanna Radin, designed and built by Frederick Gibbs, *Histories of the Future*, a conference and collaborative website: histscifi.com.

ESSAYS: ARTICLES, CHAPTERS, & INTRODUCTIONS

- Forthcoming*, “Secular Grace in the Age of Environmentalism,” in Myrna Perez Sheldon, Ahmed Ragab, and Terence Keel, eds. *Critical Approaches to Science and Religion* (Columbia University Press, 2023), 207-229.
- 2022 “The Rise of Darwinian Literalism,” in Ian Hesketh, ed. *Beyond the Darwinian Revolution: Historicizing Evolution from the Past to the Present* (University of Pittsburgh Press, 2022), 235-250, notes 302-308.
- 2022 “Landscapes of Time: Building Long-Term Perspectives in Animal Behavior,” in Sophia Gräfe and Cora Stuhmann, eds. “Historicizing Ethology: Methods, Sites, and Dynamics of an Unbound Discipline,” *Berichte zur Wissenschaftsgeschichte* 45/1-2 (2022): 164-188.
- 2022 “Making Place in the Field,” [Focus: *Fields*] ed. Etienne Benson and Cameron Brintzer, *Isis* 113/1 (2022): 121-127.
- 2021 *co-authored* with Suman Seth, “Introduction: Descent of Darwin: Sex, Race, and Human Nature,” in Erika Milam and Suman Seth, eds. *Descent of Darwin: Race, Sex, and Human Nature*, *BJHS Themes* 6 (2021): 1-8.
- 2021 “The Evolution of Darwinian Sexualities,” in Erika Milam and Suman Seth, eds. *Descent of Darwin: Race, Sex, and Human Nature*, *BJHS Themes* 6 (2021): 133-155.
- 2021 “Theorizing the Inhumanity of Human Nature, 1955-1985,” in Maria Kronfeldner, ed. *Routledge Handbook of Dehumanization* (Routledge, 2021), 112-124.
- 2020 “Temporal Horizons; Introduction to Special Issue: Looking Backward, Looking Forward: HSNS at Fifty,” *Historical Studies in the Natural Sciences* 50 (1-2): 1-4.

- 2019 “Stigmata of Ancestry: Reinvigorating the Conflict Thesis in the American 1970s,” in Bernard Lightman, ed. *Rethinking History, Science, and Religion: An Exploration of Conflict and the Complexity Principle* (University of Pittsburgh Press), 19-36, notes 244-50.
- 2019 “Old Woman and the Sea: Evolution and the Feminine Aquatic,” Iwan Morus and Amanda Rees, eds. *Presenting Past Futures: Science Fiction & the History of Science*, *Osiris* 34 (University of Chicago Press), 198-215.
- 2018 “Frankenstein and the Scientific Self,” in *Frankenstein at 200*, ed. Corinna Treitel, *The Common Reader* 3 (2): 23-35.
- 2016 “The Ascent of Man and the Politics of Humanity’s Evolutionary Future,” *Endeavour* 40 (4): 225-237.
- 2016 *co-authored* with Deborah Weinstein, “Introduction: Science in the Public Eye,” *Endeavour* 40 (4): 223-224.
- 2016 “Science of the Sexy Beast: Biological Masculinities and the *Playboy* Lifestyle,” in *Groovy Science: Knowledge, Innovation, and American Counterculture*, ed. David Kaiser and W. Patrick McCray (University of Chicago Press), 270-302.
- 2015 *co-authored* with Robert A. Nye, “An Introduction to Scientific Masculinities,” in *Scientific Masculinities*, ed. Milam and Nye, *Osiris* Vol. 30 (University of Chicago Press), 1-14.
- 2015 “Men in Groups: Anthropology & Aggression, 1965-1984,” in *Scientific Masculinities*, ed. Milam and Nye, *Osiris* Vol. 30 (University of Chicago Press), 66-88.
- 2015 “Myth 14: That After Darwin (1871), Sexual Selection was Largely Ignored until Robert Trivers (1972) Resurrected the Theory,” in *Newton’s Apple and Other Myths About Science*, ed. Ronald Numbers and Kostas Kampourakis (Harvard University Press), 113-118, notes 246-249.
- 2014 “Introduction” [Focus: *Peculiar Persistence of the Naturalistic Fallacy*], *Isis* 105(3): 564-568.
- 2014 “A Field Study of Con Games” [Focus: *Peculiar Persistence of the Naturalistic Fallacy*], *Isis* 105(3): 596-605.
- 2013 “Dunking the Tarzanists: Elaine Morgan and the Aquatic Ape Theory,” in *Outsider Scientists: Routes to Innovation in Biology*, ed. Oren Harman and Michael R. Dietrich (University of Chicago Press), 223-247.
- 2021 Adaptation published as “Tarzan Wasn’t for Her,” Special Issue: “Outsiders, Chapter Four: Writers,” *Nautilus* (2 June 2021): [link](#).
- 2013 “Public Science of the Savage Mind: Contesting Cultural Anthropology in the Cold War Classroom,” *Journal for the History of the Behavioral Sciences* 49 (3): 306-330.
- 2012 *co-authored* with Michael Gordin, “A Repository for More than Anecdote: Fifty Years of *The Structure of Scientific Revolutions*,” *Historical Studies in the Natural Sciences* 42 (5): 476-478.
- 2012 “Making Males Aggressive and Females Coy: Gender Across the Animal-Human Boundary,” *Signs: Journal of Women in Culture and Society* 37 (4): 935-959.
- 2021 Translated into Hebrew, Special Issue, “What is the History of Biology For?” ed. Snait Gissis and Nurit Kirsh, *Zmanim: A Historical Quarterly* (no. 145): 90-107.
- 2020 Reprinted in *The History of Science, Vol. 6: The Modern Life and Earth Sciences*, ed. Massimo Mazzotti (Routledge).

- 2014 Reprinted in *Women, Science, and Technology: A Reader in Feminist Science Studies*, 3rd edition, ed. Mary Wyer, Mary Barbercheck, Donna Cookmeyer, Hatice Örün Öztürk, and Marta Wayne (Routledge), 206-222.
- 2011 “Salmon, Gulls, and Baboons? Oh My” [Object Lesson], *The Journal of the History of Childhood and Youth* 4 (3): 361-367.
- 2010 “The Equally Wonderful Field: Ernst Mayr and Organismic Biology,” *Historical Studies in the Natural Sciences* 40 (3): 279-317.
- 2010 “Beauty and the Beast: Conceptualizing Sex in Evolutionary Narratives,” in *Biology and Ideology: From Descartes to Dawkins*, ed. Denis Alexander and Ronald Numbers (University of Chicago Press), 276-301.
- 2009 “‘The Experimental Animal from the Naturalist’s Point of View’: Evolution & Behavior at the AMNH, 1928-1954,” in *Descended from Darwin: Insights into American Evolutionary Studies, 1900-1970*, ed. Joe Cain and Michael Ruse (American Philosophical Society, *Transactions of the American Philosophical Society*, Vol. 99, Part 1), 157-178.

BOOK REVIEWS

- 2021 “Darwin and Human Evolution,” review of Jeremy M. DeSilva, ed. *A Most Interesting Problem: What Darwin’s Descent of Man Got Right and Wrong About Human Evolution* (Princeton University Press, 2021), *Science* 371 (6527): 353.
- 2020 Review of Robert E. Kohler, *Inside Science: Stories from the Field in Human and Animal Science* (University of Chicago Press, 2019), *American Historical Review* 125 (3): 989-990.
- 2020 “The Will to Act,” Review of Nathaniel Rich, *Losing Earth: A Recent History* (Farrar, Straus and Giroux, 2019), *Science* 368 (6494): 956.
- 2019 “Masculinity Molecule, Debunked,” review of Rebecca M. Jordan-Young and Katrina Karkazis, *Testosterone: An Unauthorized Biography* (Harvard University Press, 2019), *Science* 366 (6465): 579.
- 2020 Translated into French as “Les stéréotypes ont la vie dure,” trans. Alexandre Lévy, *Books* no. 105 (March): 19-21.
- 2018 “The Aesthetics of Evolution,” with Kimberly Hamlin, Theirry Hoquet, and Evelleen Richards, a symposium review of Evelleen Richards, *Darwin and the Making of Sexual Selection* (University of Chicago Press, 2017), *Metascience* 27 (3): 389-420.
- 2017 “Idiosyncratic Desires,” review of Richard O. Prum, *The Evolution of Beauty: How Darwin’s Forgotten Theory of Mate Choice Shapes the Animal World—and Us* (Doubleday, 2017), *Science* 356 (6341): 915.
- 2015 “Understanding Our Origins,” review of Ian Tattersall, *The Strange Case of the Ricketty Cossack: and Other Cautionary Tales from Human Evolution* (Palgrave Macmillan, 2015), *Science* 348 (6239): 1098.
- 2014 Review of Liv Emma Thorsen, Karen A. Rader, Adam Dodds, eds. *Animals on Display: The Creaturely in Museums, Zoos, and Natural History* (Pennsylvania State University Press, 2013), *Isis* 105 (4): 835-836.

- 2014 Review of Sarah Richardson, *Sex Itself: The Search for Male and Female in the Human Genome* (University of Chicago Press, 2013), *Journal of the History of Biology* 47 (2): 329-331.
- 2013 “Pluralistic Paradigms,” review of Helen E. Longino, *Studying Human Behavior: How Scientists Investigate Aggression and Sexuality* (University of Chicago Press, 2013), *Science* 340 (6129): 146.
- 2012 Review of Heather M. Prescott, *The Morning After: A History of Emergency Contraception in the United States* (Rutgers University Press, 2011), *Isis* 103 (3): 620-621.
- 2012 Review of Bernd Heinrich, *The Nesting Season: Cuckoos, Cuckolds, and the Invention of Monogamy* (The Belknap Press of Harvard University Press, 2010), *Journal of the History of Biology* 45 (2): 361-363.
- 2012 “On Playing Well with Others,” essay review of Frans de Waal, *Age of Empathy: Nature’s Lessons for a Kinder Society* (New York: Harmony Books, 2009) and Michael Tomasello, *Why We Cooperate* (MIT Press, 2009), *BioSocieties* 7 (1): 93-97.
- 2011 “Sex and Sensibility: The Role of Social Selection,” with Angela Potochnik, Roberta Millstein, and Joan Roughgarden, a symposium review of Joan Roughgarden, *The Genial Gene: Deconstructing Darwinian Selfishness* (University of California Press, 2009), *Metascience* 20 (2): 253-277.
- 2011 Review of Rebecca Jordan-Young, *Brain Storm: The Flaws in the Science of Sex Differences* (Harvard University Press, 2010), *Journal of the History of Biology* 44 (1): 163-165.
- 2010 Review of Brian Boyd, *On the Origins of Stories: Evolution, Cognition, and Fiction* (Harvard University Press, 2009), *History and Philosophy of the Life Sciences* 32 (1): 135-136.
- 2008 Review of Miriam Reumann, *American Sexual Character: Sex, Gender, and National Identity in the Kinsey Reports* (University of California Press, 2005), *Journal of the History of Biology* 41 (1): 197-199.
- 2007 Review of Charlotte Sleigh, *Six Legs Better: A Cultural History of Myrmecology* (Johns Hopkins University Press, 2006), *Journal of the History of Biology* 40 (4): 770-772.
- 2006 “Sometimes an Orgasm is Just an Orgasm,” with Gillian Brown, Stefan Lindquist, Steve Fuller, and Elisabeth Lloyd, a symposium review of Elisabeth A. Lloyd, *The Case of the Female Orgasm: Bias in the Science of Evolution* (Harvard University Press, 2005), *Metascience* 15 (3): 399-435.
- 2006 Review of Ron Amundson, *The Changing Role of the Embryo in Evolutionary Thought: Roots of Evo-Devo* (Cambridge Studies in Philosophy and Biology, 2005), *Journal of the History of Biology* 39 (3): 630-632.

MISCELLANEOUS: NEWSPAPERS, NEWSLETTERS, & ENCYCLOPEDIA ENTRIES

- 2016 co-authored with Fred Gibbs and Joanna Radin, “How Do We Make the Future?” *History of Science Society Newsletter* (July 2016).
- 2013 Obituary for Elaine Morgan, *The Guardian* (29 July 2013): theguardian.com/books/2013/jul/29/elaine-morgan.
- 2013 “Elaine Morgan and the Aquatic Ape,” blog post for “The H Word,” hosted by *The Guardian* (13 May 2013): guardian.co.uk/science/the-h-word/2013/may/13/aquatic-ape-elaine-morgan-history-science.

- 2012 “Conference Report: Masculinities in Science / Sciences of Masculinity,” for the Philadelphia Area Center for the History of Science newsletter (24 June 2012).
- 2008 “Historians of Science and Technology Who Focus on Feminism,” in Sue V. Rosser, ed. *Gender Myths and Beliefs and Scientific Research* (ABC-CLIO Encyclopedia): 347-356.
- 2006 “Genetics at the University of Wisconsin-Madison: A Guide to Some Historical Resources,” *Mendel Newsletter*, new series 15: 19-22.

CONFERENCE/WORKSHOP ORGANIZATION

- Upcoming 2023*, co-organizing with Banu Subramaniam (UMass-Amherst), *Abundance and Loss: Narratives of Diversity across the Natural and Human Sciences*. Sponsored by the History of Science Program and the High Meadows Environmental Institute, Princeton University, 3-4 February 2023.
- 2019 co-organized with Stefanos Geroulanos (New York University), NYU-Paris, *Reconstructing the Past: Human History and the Naturalization of the Present*. Sponsored by NYU Global Research Initiative, 12-14 September 2019.
- 2018 co-organized with Kathryn Maxson and Angela Creager, 53rd Annual Meeting of the *Joint Atlantic Seminar for the History of Biology*. Sponsored by the Princeton Center for Collaborative History and the History of Science Program, Princeton University, 7 April 2018.
- 2018 co-organized with Suman Seth (Cornell University), *Descent of Darwin: Sex, Race, and Human Nature*. Sponsored by the History of Science Program, the Center for Collaborative History, the Center for Human Values, and the Program in Gender and Sexuality Studies, Princeton University, 9-10 February 2018.
- 2015 co-organized with Frederick Gibbs (University of New Mexico) and Joanna Radin (Yale University), *Histories of the Future*. Sponsored by the History of Science Program and the David A. Gardner '69 Magic Project, Princeton University, 6-7 February 2015.
- 2012 co-organized with Robert A. Nye (Oregon State University), *Masculinities in Science / Sciences of Masculinity*. Sponsored by the Philadelphia Area Center for History of Science, held at the Chemical Heritage Foundation, Philadelphia, PA, 31 May - 1 June 2012.
- 2008 *Animal Cultures-Human Natures*, sponsored by Department II: Ideals and Practices of Rationality, Max Planck Institute for the History of Science, Berlin, Germany, 13- 15 November 2008.

ACADEMIC TALKS & PRESENTATIONS (last 5 years)

2022

- June-July 2022, *Ischia Summer School on the History of the Life Sciences*, Stazione Zoologica Anton Dohrn, Ischia, Italy (in-person and continued via Zoom):
- *Lecture*: “Drawing Connections: Maps, Pictures, and Graphs of Relatedness in Twentieth-Century Evolution.”
 - *Seminar*: “Marking Time: Creative Strategies for Visualizing History.”

June 2022, *Meanings of Science in the Modern World Symposium*, Marginalia Review of Books, Oxford University, Harris Manchester College, UK, “The Jane Goodalls” (pre-circulated paper).

March 2022, *Princeton Plasma Physics Laboratory*, Women’s History Month Colloquium Series, “From Fringe to Focus: A History of Women in Science and Engineering” (via Zoom).

January 2022, *Minnesota Colloquium for the History and Philosophy of Science, Technology, and Medicine*, University of Minnesota, Minneapolis, MN, “Philosopher Kings of the Rocky Mountains: Marmots, Time, and Animal Behavior” (via Zoom).

January 2022, *Biology Interest Group*, University of Minnesota, Minneapolis, MN, “Evolution of Darwinian Sexualities” (via Zoom, pre-circulated paper).

January 2022, *Science, Capitalism, and Knowledge Commodities Working Group*, Consortium for the History of Science, Technology, and Medicine, Philadelphia, PA, “Making Place in the Field: Science, Capitalism, Knowledge” (via Zoom).

2021

November 2021, *HPS Seminar Series*, Centre for History and Philosophy of Science, University of Leeds, “Philosopher Kings of the Rocky Mountains: Marmots, Time, and Animal Behaviour” (via MS Teams).

November 2021, *History of Science Society Annual Meeting*, New Orleans, LA, Commentator on session: “Histories of Evolutionary Thinking about Social Things,” organized by Cameron Britzner (via Cadence/Zoom).

September 2021, Jahrestagung der Gesellschaft für Technikgeschichte und der Gesellschaft für die Geschichte von Wissenschaft, Medizin und Technik, Commentator on session: “Scaling Behavior: German Ethology between Zoological Research and Sociobiological Interventions, ca. 1945-1980” (via Zoom).

September 2021, Conference on *Loss*, British Animal Studies Network, University of Birmingham, Keynote Speaker, “Periodical Cicadas and the Abundance of Loss” (via Zoom).

May 2021, *History of Science, Medicine, and Technology Colloquium*, Department of History, UCLA, “Afterlives in Nature: Long-term Ecological Research in the Age of COVID” (via Zoom).

April 2021, *What is a Field? Workshop*, Department of History and Sociology of Science, University of Pennsylvania, Philadelphia, PA, “Cook Shacks and Lab Tents: On the Construction of Ecological Field Camps” (via Zoom).

March 2021, *New Book Forum: Science, Medicine, Environment*, Zentrum Geschichte des Wissens, ETH Zürich, Roundtable on *Creatures of Cain: The Hunt for Human Nature in Cold War America* with Nils Güttler and Niki Rhyner (via Zoom).

February 2021, University of California, Santa Barbara, History of Science Graduate Seminar Series, “Afterlives in Nature: How Long-Term Ecological Projects Come to Untimely Ends” (via Zoom).

January 2021 [Canceled due to COVID-19 pandemic], *American Historical Association Annual Meeting*, Session co-organized with David Sepkoski, sponsored by the History of

Science Society: *Afterlives in Nature: Conceptualizing Death & Revival in Environmental Epics*,
 “Dying to Know: How Long-Term Ecological Projects Come to Untimely Ends.”

2020

- October 2020, *Thompson Science Seminar*, University of Puget Sound, Tacoma, WA,
 “Timescapes of Behavior: Adaptation and Long-Term Ecological Projects” (via
 GoogleMeet).
- October 2020, *Human Conditions Colloquium Series*, University of Michigan, Ann Arbor, MI,
 “Timescapes of Behavior: Animals and Their Scientists in Long-Term Perspective” (via
 Zoom, pre-circulated paper).
- September 2020, *Works in Progress*, History Department, Princeton University, “Timescapes
 of Behavior: The Adaptation of Long-Term Ecological Projects” (via Zoom).
- July 2020, *EEB Seminar Mini-Series: Oppressive Discourses in Ecology and Evolutionary Biology*,
 Department of Ecology and Evolutionary Biology, Princeton University, “Reckoning
 with the Historical Origins of EEB and Their Legacy for Today” (via Zoom).
- June 2020, *Timing Knowledge*, Leuphana Universität Lüneburg, “Timescapes of Behavior:
 Animals and their Scientists in Long-term Perspective” (via Zoom).
- May 2020, Archbold Distinguished Speaker Series, *Archbold Biological Station*, Venus, FL,
 “Landscapes and Seascapes of Behavioral Ecology” (via Zoom).
- May 2020, Virtual HistSTM Community, “Gender and Science” (via Zoom).
- ~~May 2020~~ [Canceled due to COVID-19 pandemic], *Berkshire Conference on the History of
 Women, Genders and Sexualities*, Johns Hopkins University, Baltimore, MD, session
 commentator for “Blood, Injections & Queer Urban Spaces: Gendered ‘Life’ in
 Internal & External Environments.”
- March 2020, *Research Reports*, Dumbarton Oaks, Harvard University, Washington DC,
 “Slow Science: Ecological Landscapes and their Organisms” (via Zoom).
- February 2020, *Program in Agrarian Studies*, Yale University, New Haven, CT, “Slow Science:
 Ecological Landscapes and their Organisms” (pre-circulated paper).

2019

- December 2019, *John J. Reilly Center for Science, Technology, and Values* and *GLOBES*,
 University of Notre Dame, South Bend, IN, “Secular Grace in the Age of
 Environmentalism.”
- October 2019, *Science and Technology Studies Colloquium Series*, Cornell University, “The Hunt
 for Human Nature in Cold War America.”
- September 2019, *Shapiro Prize Dinner*, 2019 Keynote Speaker, Princeton University,
 “Creatures of Cain: The Hunt for Human Nature in Cold War America.”
- September 2019, *Reconstructing the Past: Human History and the Naturalization of the Present*,
 NYU-Paris, “The Inhumanity of Human Nature.”
- September 2019, *Popularizing Palaeontology: Cultural and Historical Perspectives, Workshop 6:
 Media*, King’s College, London, UK, “A Colloquial History of Cold War
 Paleoanthropology.”

- August 2019, *Symposium on Critical Approaches to Science and Religion*, Ohio University, Athens, OH, “Secular Grace in the Age of Environmentalism” (pre-circulated paper).
- July 2019, *History of Science Society Annual Meeting*, Utrecht, Netherlands, [paper] “Animals as Evolutionary Models of Human Sexuality in the late-20th Century.” [roundtable chair] Politics and Methodology Between Science Studies, LGBTQ+ Studies, and ‘Area’ Studies.
- July 2019, *International Society for the History, Philosophy and Social Studies of Biology Annual Meeting*, Oslo, Norway, “The Dehumanization of Humanity and Critiques of Biological Determinism.”
- June 2019, *Imagining the Darwinian Revolution: The Place of History in Science*, Institute for Advanced Studies in the Humanities & the International Society for Intellectual History, University of Queensland, Brisbane, Australia, “The Rise of Darwinian Literalism.”
- June 2019, *Revolutions and Evolutions in Intellectual History*, Annual Meeting of the International Society for Intellectual History, University of Queensland, Brisbane, Australia, Keynote Speaker: “Hunt for Human Nature in Cold War America.”
- April 2019, *Scholarship Sewanee 25th Anniversary Speaker*, Sewanee: University of the South, Sewanee, TN, “The Hunt for Human Nature in Cold War America.”
- March 2019, *History of Science Colloquium*, Harvard University, Cambridge, MA, “The Evolution of Darwinian Sexualities.”
- February 2019, *Darwin Day Lecture*, Science, Technology, and Society Program, and the Graduate Organization of Biology Students, Virginia Commonwealth University, Richmond, VA, “Darwin and the Politics of Nature.”

2018

- December 2018, *Labyrinth Books*, Princeton, NJ, Conversation with Miguel Angel Centeno about *Creatures of Cain: The Hunt for Human Nature in Cold War America*.
- December 2018, *New York City History of Science Consortium Lecture Series*, “Creatures of Cain: The Hunt for Human Nature in Cold War America.”
- December 2018, *Harvard Museums of Science and Culture*, Harvard University, Cambridge, MA, “Creatures of Cain: The Hunt for Human Nature in Cold War America.”
- October 2018, *Environmental Humanities Colloquium*, Princeton Environmental Institute, Princeton University, “Ecological Landscapes and the Politics of Human Nature.”
- September 2018, *Shelby Cullom Davis Center*, Princeton University, commentator for Nara Milanich, “To the White Husband a Black Baby: Science, Law, and Paternity in Post-War Italy.”
- August 2018, *Animal Behavior Society Annual Meeting*, Symposium on “Animal Behavior in Historical Context: Novel Insights from Interdisciplinary Encounters,” University of Wisconsin-Milwaukee, WI, “Colloquial Science at the Intersection of Pop-Ethology and Professional Research: A Cold War History.”
- July 2018, *Colloquium zur Zeitgeschichte*, Freie Universität Berlin, Germany, “The Hunt for Human Nature in Cold War America.”

- June 2018, *Environmental Humanities Summit 2018*, Rachel Carson Center for Environment and Society, Ludwig-Maximilians-Universität München, Germany, invited participant.
- May 2018, *United Fronts: Unity, Organisation and Syntheses in Twentieth Century Life Sciences: A Workshop*, University of Cambridge, Cambridge, UK, “Sociobiology, Evolutionary Scientism, and the Conflict Thesis” (pre-circulated paper).
- May 2018, *Conversations on the Environment, Responsible Energy and Life*, Princeton Environmental Institute, “Creatures of Cain: The Hunt for Human Nature in Cold War America.”
- May 2018, *History and Philosophy of Science Departmental Seminar*, University of Cambridge, Cambridge, UK, “Creatures of Cain: The Colloquial Science of Cold War Human Nature.”
- March 2018, *Program in the History of Women and Gender Seminar Series*, New York University, NY, “Old Woman and the Sea: Evolution and the Feminine Aquatic” (pre-circulated paper).
- February 2018, *Descent of Darwin: Race, Sex, and Human Nature*, History of Science Workshop, Princeton University, Princeton, NJ, “The Evolution of Darwinian Sexualities.”

PUBLIC-FACING TALKS & COMMUNITY OUTREACH

- 2020 American Museum of Natural History Book Club, New York, NY, *Looking for a Few Good Males*, October 15, 2020 (via Zoom).
- 2018 “What Does it Mean to Be Human? Lessons from Chimpanzees and History,” Princeton International School of Mathematics & Science, Princeton NJ, 27 April 2018.
- 2012 - 2018, Guest Speaker, Princeton University Summer Journalism Program, 11 August 2012, 8 August 2013, 14 August 2016, 7 August 2017, 6 August 2018: www.princeton.edu/sjp/
- 2011 Discussant, “Women Scientists: Breaking Through the SiO₂ silica + sodium carbonate Na₂CO₃ + CaCO₃ Ceiling,” *Beyond the Stage – Photograph 51*. Theater J, Washington, DC, 10 April 2011.

AWARDS, HONORS, & FELLOWSHIPS

ACADEMIC & RESEARCH AWARDS

- 2021 *High Meadows Environmental Institute*, Biodiversity Grand Challenge, Princeton University, “Histories of Biodiversity.”
- 2020 *University Committee on Research in the Humanities and Social Sciences*, Princeton University, “Slow Science: Ecological Landscapes and Their Organisms.”
- 2019 *University Committee on Research in the Humanities and Social Sciences*, Princeton University, William Hallam Tuck ’12 Memorial Fund, “Slow Science: Ecological Landscapes and Their Organisms.”

- 2018 *Princeton Histories Fund*, Women in Science Oral History Pilot Project, co-director with Alain St. Pierre.
- 2016 *University Committee on Research in the Humanities and Social Sciences*, Princeton, “Creatures of Cain: The Hunt for Human Nature in Cold War America.”
- 2014 *David A. Gardner '69 Magic Project Grant*, Princeton University, “Histories of the Future.”
- 2012 - 2014, Behrman Faculty Fellow, *Council of the Humanities*, Princeton University.
- 2011 *National Science Foundation*, Science, Technology, and Society Program, “Scholar’s Award: A Critical Analysis of Natural and Behavioral Scientists’ Use of Animal Studies to Better Understand Human Emotional and Cognitive Processes,” (15 June 2011 to 31 May 2012) SES-1057586, PI: Erika Milam, \$112,005.
- 2009 *General Research Board Summer Award*, University of Maryland, “Barely Human: The American Search for Human Nature in the Long 1960s.”
- 2005 *Library Resident Research Fellowship*, American Philosophical Society, “Looking for a Few Good Males: Female Choice in Evolutionary Biology.”
- 2005 Participant, *Workshop: Maps, Pictures, Graphs: Scientific Images and Science*, organized by Robert Brain and Simon Schaffer. History Department, University of British Columbia, Canada.
- 2004 *National Science Foundation*, Science, Technology, and Society Program, Doctoral Dissertation Improvement Grant: “Looking for a Few Good Males: Female Choice in Evolutionary Biology, 1915-1975,” (1 January 2004 to 30 June 2005) SES-0423612, PI: Gregg Mitman, co-PI: Erika Milam, \$12,000.
- 2004 *John Neu Wisconsin Distinguished Graduate Fellowship*, Department of the History of Science, University of Wisconsin.
- 2003 Participant, *For the Record: A Workshop on Conducting Oral Histories of Science*, organized by Amy Crumpton, W. Patrick McCray, and Elizabeth Paris. History of Science Society Annual Meeting, Cambridge, MA.

TEACHING & MENTORING AWARDS

- 2019 Graduate Mentoring Award, Graduate School and the McGraw Center for Teaching and Learning, Princeton University
- 2010 Center for Teaching Excellence, University of Maryland, “Interdisciplinary Experiments: A Practical Pedagogy Retreat,” award to facilitate developing an interdisciplinary graduate seminar on the *History of Animals and People*
- 2006 Capstone Ph.D. Teaching Award, University of Wisconsin
- 2006 Department of Information Technology ENGAGE Adaptation Award for Podcasting, University of Wisconsin
- 2005 Letters & Science Teaching Fellow, University of Wisconsin
- 2001 Comm-B Teaching Fellow, Writing Across the Curriculum, University of Wisconsin

TEACHING, MENTORING, & ADVISING

COURSES TAUGHT: PRINCETON UNIVERSITY

FRS 161, "Histories of the Future, F16
 HIS 390, "History of Science, Technology, and Medicine: Ideas & Methods," S23
 HIS 392, "History of Evolution," S13, S14, S17
 HIS/ENV 394, "History of Ecology and Environmentalism," S18, S19, S22
 HIS 400, Junior Seminar, "History of Ecology and Environmentalism," F14
 HIS 400, Junior Seminar, "Scientific Animals," F12
 HIS/ENV 491, "History of Ecology and Environmentalism," F13, F16
 HIS 481, Science and Film, *under development*
 HIS 500, "Introduction to the Professional Study of History," F20, F21
 HIS 503, "Prospectus Seminar," Summer 2014
 HOS/HIS/GSS 519, "Science and Gender," S15, F17
 HOS/HIS 599, "Wrestling with Biological Determinism," F18
 HOS/HIS 599A, "Environmentalisms," S21
 HOS/HIS599A, "Collecting Natures," F22
 HIS 792/700, "History of Evolution," S13, S14

COURSES TAUGHT: UNIVERSITY OF MARYLAND AND CLEMSON UNIVERSITY

HIST 174/204, "Introduction to the History of Science," S11, S10, S09 (Maryland)
 HIST 386, "Experiential Learning" (undergraduate internship advisor), S11 (Maryland)
 HIST 404, "History of Modern Biology," F10, S09, F09 (Maryland), S07 (Clemson)
 HIST 401, "Science and Gender," F10, S10 (Maryland)
 HIST 499, "Independent Study" (for undergraduate students), S11 (Maryland)
 HIST 619A, Independent Readings in the History of Science (for graduate students), S09, S10, F10 (Maryland)
 HIST 639I, "Humans and Other Animals," S11 (Maryland)
 HONR 259A, "Imagining Science: The History of Science through Science Fiction," F09 (Maryland), S06 (Wisconsin)
 BIOSCI 200, "Biology in the News," S07, F06 (Clemson)
 ENG 314, "Technical/Science Writing for Biology Majors," S07, F06 (Clemson)

WORKSHOPS, PANELS, & PRESENTATIONS

Faculty Research Forum Roundtable on "Creating the Culture Around You," Office of the Dean of Research, Princeton University, October 2020
 Graduate School Orientation Panel, Princeton University, September 2018
 Responsible Conduct in Research, History Department, Princeton University

- “Human Subjects, Oral History, etc.,” May 2013, May 2015
 Graduate History Association Workshops, Princeton University
 “Women’s Committee Lunch Panel,” November 2018
 “Women in the Academy,” December 2017
 “Teaching Philosophy and Course Design,” March 2017
 “Women in the Archives and the Academy,” February 2017
 “Advising,” April 2015
 “Online Presence,” March 2015
 “Women’s Mixer,” April 2014
 “Syllabus Construction,” January 2013
- Co-Organizer (with Jacob Hamblin, Pam Mack, and Tom Oberdan), Science and Technology in Society Faculty Training Workshop, Clemson University, May 2007
- Co-Organizer (with David Lindberg), History of Science Graduate Student Teaching Forum, University of Wisconsin, 2004-05
- Workshop Leader, “United we win! Natural science discussion sections and peer collaboration,” College of Literature & Science TA Training, University of Wisconsin, Fall 2005
- Workshop Leader, “Teaching Argument: When *How* Students Write Matters as much as *What* They Write,” Writing Across the Curriculum Comm-B Training, University of Wisconsin, Fall 2001
- Co-Developer and Co-Instructor, Biology 800: Graduate Student Instructor Training, University of Michigan, Fall 1999, Winter 2000

ADVISING

Current Doctoral Students

- Eva Molina Flores, History of Science, “The Frozen Wild: A Natural History of British Polar Exploration.”
- Kathryn B. Carpenter, History of Science, “Chasers: A Scientific and Cultural History of Tornado Science and Severe Storm Interception in America after World War II.”
- Ingrid Lao, History & Theory of Architecture, *co-advisor with M. Christine Boyer*, “From Mud Huts to the ‘People’s Cement’: Architecture and Imaginative Rediscovery Between Ghana and the U.S. after 1968.”
- Michael McGovern, History of Science, *co-advisor with Keith Wailoo*, “Just in Numbers? Statistics, Civil Rights, and Criminality in Postwar America.”
- Jay Stone, History of Science, *co-advisor with Keith Wailoo*, “Sweet Deception: A History of the Health Politics of Sugar and Artificial Sweeteners in the United States.”

Former Doctoral Advisees

- Elaine Ayers (Ph.D. 2019, Princeton University), *co-advisor with D. Grabam Burnett*, “Strange Beauty: Botanical Collecting and Display in the Victorian Tropics.”
Current position: Assistant Professor, History of Science, NYU Gallatin.

Ingrid Ockert (Ph.D. 2018, Princeton University), “The Scientific Storytellers: How Scientists, Journalists, and Actors Brought Science to American Television, 1948-1981.”

Current position: Marketing Communications Coordinator, Workforce Development and Education, Lawrence Berkeley National Laboratory.

Emily Kern (Ph.D. 2018, Princeton University), *co-advisor with Michael Gordin*, “Out of Asia: A Global History of the Scientific Search for the Origins of Humankind, 1800-1965.”

Laureate: 2019 Dissertation Prize, International Union of the History and Philosophy of Science and Technology, Division of History of Science and Technology

Current position: Assistant Professor of History, University of Chicago.

Dissertation Committees, as reader

Princeton University – Austen Van Burns (in process)
 Constanza Dalla Porta (in process)
 Alison McManus (in process)
 Ray Thornton (in process)
 Tara Suri (2022)
 Spence Weinreich (2022)
 Charles Kollmer (2020)
 Sarah Carson (2019)
 Adrian Young (2016)

University of Maryland – Erin Wessell (2018)
 Jeffrey Brideau (2014)
 Sarah Walsh (2012)

Dissertation Committees, as external examiner / opponent

Alex Aylward, “Reading Evolution: Lives and Afterlives of R.A. Fisher’s *The Genetical Theory of Natural Selection*,” supervised by Professor Gregory Radick, School of Philosophy, Religion and History of Science, University of Leeds, UK (June 2021)

Annukka Sailo, “Hierarchies, Population Control, War—Debating Territorial Aggression in Behavioral Sciences (1965-1975),” supervised by Professor Petteri Pietikäinen, History of Science & Ideas, University of Oulu, Finland (October 2020)

Postdoctoral Fellows

Nicole Welk-Joerger, *co-mentor with Allison Carruth*, HMEI Postdoctoral Fellow, 2021-22, “Feeding Others to Feed Ourselves: Animal Nutrition and the Politics of Health, 1900-2019.”

Visiting Student Research Collaborators

Sophia Gräfe, “Behavioral Knowledge: Scenes of Writing and Observing Behavior at the Zoological Institute of the Humboldt University of Berlin (1948-1968),” funded by the Deutscher Akademischer Austauschdienst (DAAD), Spring 2021

Generals Fields*History of Modern Science*

major: Mikey McGovern (2018)

split major: Jay Stone (2017)

minor: Sarah Carson (2015), Katherine Keirns (2013), Erin Wessell (2011)

History of the Human Sciences

minor: Jonathan Baldoza (2022), Will Holub-Moorman (2022), Austen Van Burns (2022), Molly Horne (2019), and Pallavi Podapati (2018)

split minor: David Robertson (2017) and Alyssa Wang (2019)

History of Modern Life Sciences

major: Elaine Ayers (2015)

minor: Alice Hong (2022), Eva Molina (2022), and Emily Kern (2014)

Environmental History

minor: Niya Bates (2022), Michael Mandelkorn (2022), Kathryn Carpenter (2021), Jack Klempay (2021), and Alison McManus (2019)

split minor: Maia Silber (2021)

Gender and Science

minor: Ingrid Ockert (2014)

Undergraduate Senior Theses

2022-23: Jamie Feder and Theo Mitchell

2021-22: Andrew Arking

2020-21: Faith Emba and Olivia Hadley

2018-19: Allie Klimkiewicz, Rachel Linfield (Horace Wilson '25 Senior Thesis Prize), and Samuel Schultz

2017-18: Clare Jeong, Deion King, and Drew O'Connell

2016-17: George Camerlo and Alexandria Robinson

2014-15: Alexandra Gürel (Horace Wilson '25 Senior Thesis Prize) and Kristen McDonald

2013-14: Emi Alexander, Laura Eckhardt, and Allen Paltrow-Krulwich

2012-13: Caitlin Blosser and Natasha Phidd

2011-12: Nicholas Hirsh

PROFESSIONAL ACTIVITIES

EDITORIAL ACTIVITIES

Historical Studies in the Natural Sciences —

Chair of the Editorial Board, 2020 - 2024

Editorial Board, member, 2019 - 2020

Associate Editor, 2012 - 2019

Book Reviews co-Editor, with Jacob Darwin Hamblin, 2012 - 2015

Journal of the History of Biology — Editorial Board member, 2017 - 2021

Osiris — Editorial Board member, 2016 - 2020

Isis: An International Review Devoted to the History of Science and Its Cultural Influences —

Advisory Editor, 2010 - 2013

ADVISORY BOARDS

2021 - current *Visualizing the Virus Digital Project*, Sria Chatterjee: Founder and Project Lead: <https://visualizingthevirus.com>.

2016 - 2019 “STS in Science Cafes: Modeling and Assessing a Structured Adult Informal Science Education Program,” PI: Karen Rader (VCU), National Science Foundation, DRL-1611953.

SCHOLARLY ORGANIZATIONS: MEMBERSHIP & GOVERNANCE

History of Science Society —

Ad-hoc Committee on Diversity and Inclusion, 2018 - 2019

Council, 2017- 2019

Membership Committee, 2016 - 2020, Chair, 2016 - 2019

Nominating Committee, 2014 - 2015

Ad-hoc Committee on Publications and Professional Excellence, 2014

Co-Chair of the Women’s Caucus, 2010 - 2012

American Association for the Advancement of Science (AAAS), Washington DC

History and Philosophy of Science (Section L) —

Electorate Nominating Committee: Member, 2017 - 2020

Center for the History of Science, Technology, and Medicine, Philadelphia, PA

CHSTM Membership Working Group, 2019

Convener of the Human Sciences Reading Group, 2013 - 2015

PRINCETON UNIVERSITY

History Department —

Director of Graduate Studies for History of Science, 2013-15, 2017-19, 2021-23
Davis Center Executive Committee, 2021-2023
Convener, History of Science Program Seminar, Fall 2013, Fall 2016, Spring 2022

High Meadows Environmental Institute —

Associated Faculty, 2017 –
Executive Committee for Program in Environmental Studies, 2018 - 2026
Co-convener, *with Rachel Price*, Environmental Humanities Colloquium, Spring 2019

Gender and Sexuality Studies —

Associated Faculty, 2014 –
Executive Committee, 2015 - 2020

Center for Digital Humanities —

Executive Committee, 2020 - 2023

Committee on Conference and Faculty Appeal (CCFA), 2021 - 2023, chair 2022 - 2023

Council on Science and Technology (CST), 2021 - 2025

Search Committee for the Associate Dean of Finance and Administration of the Graduate School, Fall 2021

Faculty Advisory Committee on Appointments and Advancements (C3), 2020 - 2021

Council on Teaching and Learning (CTL), 2020 – 2022, chair 2021 - 2022

Prospect House Association Board, 2018 - 2021

Women in Science Oral History Pilot Project, *co-Director with Alain St. Pierre*, 2018 - 2020

Search Committee for the Assistant Provost for Space Programming & Planning, Spring 2018

Ad Hoc Committee on Calendar Reform, 2017 - 2018

Bridge Year Faculty Fellow, Senegal, 2017 - 2019

Search Committee for the Dean of the Graduate School, Fall 2017

Committee on Classrooms and Schedule, Chair, 2016 - 2019

Task Force on the Future of the Graduate School, 2014 - 2015; chair of the Academics Working Group