

Abraham Hill Gibson

Department of History
University of Texas at San Antonio
abraham.gibson@utsa.edu | (540) 420-5451
abegibson.com | @AbrahamHGibson

EMPLOYMENT

University of Texas at San Antonio

Assistant Professor, Department of History, 2021-present

Arizona State University

Lecturer, School of Life Sciences, 2020-2021

Postdoctoral Fellow, School of Life Sciences, 2017-2019

Lecturer, School of Historical, Philosophical and Religious Studies, 2016-2017

University of Pennsylvania

Lecturer, Department of History and Sociology of Science, 2015-2016

Consortium for History of Science, Technology, and Medicine

Postdoctoral Fellow, 2014-2015

PUBLICATIONS

Books

Abraham Gibson, *Feral Animals in the American South: An Evolutionary History* (Cambridge University Press, 2016; paperback issued September 2018).

Special Issues

Abraham Gibson, Manfred Laubichler, and Jane Maienschein (eds.), "Focus Section: Computational History and Philosophy of Science," *Isis* 110 (September 2019): 497-566.

Journal Articles and Book Chapters

Abraham Gibson, "Digital Humanities in the Deepfake Era," in *Debates in the Digital Humanities 2022*, edited by Matthew K. Gold and Lauren F. Klein (University of Minnesota Press, 2022).

Julia Damerow, Abraham Gibson, and Manfred Laubichler, "Of Coding and Quality: A Tale about Computational Humanities," in *Computational Humanities*, edited by Jessica Marie Johnson, David Mimno, and Lauren Tilton (University of Minnesota Press, 2021).

Abraham Gibson, "War Horses: Equine Perspectives on the Confederacy," in *Animal Histories of the Civil War Era*, edited by E. J. Hess (LSU Press, 2020).

Abraham Gibson, "Feral Pigs and the Engineering Ideal," in *Nature Remade: Engineering Life from Gene Drives to Gaia*, edited by Luis Campos, Michael R. Dietrich, Tiago Saraiva, and Chris Young (University of Chicago Press, 2020).

Abraham Gibson and Cindy Ermus, "The History of Science and the Science of History: Computational Methods, Algorithms, and the Future of the Field," *Isis* 110 (September 2019): 555-566.

Abraham Gibson, Manfred Laubichler, and Jane Maienschein, "Introduction: Computational History and Philosophy of Science," *Isis* 110 (September 2019): 497-501.

Abraham Gibson, "The Moonshine Capital of the World: A Visual History of Untaxed Whiskey in Franklin County, Virginia," *Environmental History* 24 (July 2019): 584-596.

Abraham Gibson, "Biology in the Marvel Cinematic Universe," *Journal of the History of Biology* 52 (June 2019): 365-369.

Abraham Gibson, Christina Kwapich, and Martha Lang, "Roots of Multilevel Selection: Concepts of Biological Individuality in the Early Twentieth Century," in *The Historical and Conceptual Place of Multilevel Selection in Evolution*, edited by Ciprian Jeler (Macmillan, 2018), 13-45.

Abraham Gibson and Cindy Ermus, "Swamp Things: Invasive Species as Environmental Disasters," in *Environmental Disaster in the Gulf South: Two Centuries of Catastrophe, Risk, and Resilience*, edited by Cindy Ermus (LSU Press, 2018), 103-130.

Abraham Gibson, "Path to the Present," in *A Handbook of Evolutionary Ethics*, edited by Michael Ruse and Robert J. Richards (Cambridge University Press, 2017), 72-85.

Abraham Gibson, "Beasts of Burden: Feral Burros in the American West," in *The Historical Animal*, edited by Susan Nance (Syracuse University Press, 2015), 38-53.

Abraham Gibson and Michael Ruse, "Sociobiology and Evolutionary Psychology," in *A Companion to the History of American Science*, edited by Georgina Montgomery and Mark Largent (Wiley, 2015), 252-262.

Abraham Gibson, Christina Kwapich, and Martha Lang, "Roots of Multilevel Selection: Concepts of Biological Individuality in the Early Twentieth Century," *History and Philosophy of the Life Sciences* 35 (December 2013): 505-532.

Abraham Gibson, "Edward O. Wilson and the Organicist Tradition," *Journal of the History of Biology* 46 (November 2013): 599-630.

Abraham Gibson, "American Gibraltar: Key West during World War II," *Florida Historical Quarterly* (Spring 2012): 393-425.

Digital Publications

Abraham Gibson, "[Keeping It Real: Historians in the Deepfake Era](#)," *AHA Perspectives Daily* (May 17, 2021).

Abraham Gibson, "[Data Science and the 3-point Revolution](#)," *Age of Revolutions* (February 25, 2019).

Abraham Gibson, "[Sounding the Old Wolf Cry](#)," *The Bigger Picture* (November 14, 2013).

Abraham Gibson, "[Dog Days at the Zoo, part 2](#)," *The Bigger Picture* (September 18, 2012).

Abraham Gibson, "[Dog Days at the Zoo, part 1](#)," *The Bigger Picture* (September 18, 2012).

Book Reviews

Abraham Gibson, "*The Herds Shot Round the World: Native Breeds and the British Empire, 1800-1900*, by Rebecca J. H. Woods," *H-Environment Review* (forthcoming).

Abraham Gibson, "*The Re-Origin of Species: A Second Chance for Extinct Animals*, by Torill Kornfeldt," *Quarterly Review of Biology* 94 (December 2019): 446.

Abraham Gibson, "*Wild by Heart: North American Animals Confront Colonization*, by Andrea L. Smalley," *Journal of Southern History* 84 (2018): 704-706.

Abraham Gibson, "*Fascist Pigs: Technoscientific Organisms and the History of Fascism*, by Tiago Saraiva," *Journal of the History of Biology* 51 (2018): 183-185.

Abraham Gibson, "*The Runes of Evolution: How the Universe became Self-Aware*, by Simon Conway Morris," *Quarterly Review of Biology* 92 (September 2017): 321.

Abraham Gibson, "*Animals as Food: (Re)connecting Production, Processing, Consumption, and Impacts*, by Amy Fitzgerald," *Agricultural History* 91 (2017): 133-134.

Abraham Gibson, "*The Readable Darwin: The Origin of Species*, edited by Jan A. Pechenik," *Quarterly Review of Biology* 90 (June 2015): 217.

Abraham Gibson, "*On the Frontier of Science: An American Rhetoric of Exploration and Exploitation*, by Leah Ceccarelli," *Quarterly Review of Biology* 90 (March 2015): 78-79.

GRANTS and FELLOWSHIPS

National Science Foundation, 2021-2022 (*submitted and under review*)

Multi-year grant to study how the Covid pandemic has influenced the scientific enterprise

National Science Foundation, 2018-2019

Supplemental Grant to develop educational materials on data-driven computational history

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National Science Foundation, 2017-2019

Postdoctoral Fellowship to learn and apply computational methods to second book project on the history of cooperation science in the 1920s and 1930s

Consortium for History of Science, Technology, and Medicine, 2014-2015

Postdoctoral Fellowship to support research for second book manuscript on the history of cooperation science in the 1920s and 1930s

Smithsonian Institution, 2012-2013

Predocctoral Fellowship to support research for dissertation and first book manuscript on the coevolution of humans and domestic animals

National Science Foundation, 2010-2011

Predocctoral Fellowship to provide integrated training in Biology and the Humanities

Walbolt Fellowship, 2008-2013

Predocctoral Fellowship to support five years of doctoral training

TEACHING EXPERIENCE

Graduate Courses

“Evolution of Cooperation,” Arizona State University.

“History of Science and Technology,” Arizona State University.

Undergraduate Courses

“History and the Public,” University of Texas at San Antonio.

“Technology and Modern Society,” University of Texas at San Antonio.

“U.S. History, 1865-present,” University of Texas at San Antonio.

“Environmental History,” Arizona State University.

“History of Engineering,” Arizona State University.

“History of Science, Ancient Greece to 1700,” Arizona State University.

“History of Science, 1700 to the Present,” Arizona State University.

“Science and Technology in Social Context,” University of Pennsylvania.

“Environmental History,” Virginia Tech.

“History of Disease, Medicine, and Health,” Virginia Tech.

“History of Science,” Florida State University.

Teaching Awards

Joe Richardson Award for Excellence in Teaching, Florida State University, 2013-2014.

Joe Richardson Award for Excellence in Teaching, Florida State University, 2012-2013.

EDUCATION

Ph.D., History, Florida State University, 2013

M.A., History, Virginia Tech, 2008

B.A., English, James Madison University, 2005

PRESENTATIONS

Invited Lectures

“Rise of the Superorganism: The Science and Politics of Cooperation, 1919-1939,” Research presentation to the Cooperation Science Network, Arizona State University, April 28, 2021.

“An Introduction to Computational History of Science,” Brown Bag Lecture at the Consortium for the History of Science, Technology, and Medicine, Philadelphia, Pennsylvania, May 14, 2020.

“The History of Science and the Science of History: Computational Methods, Algorithms, and the Future of the Field.” Joint Atlantic Seminar for the History of Biology (JAS-Bio), Marine Biological Laboratory, Woods Hole, Massachusetts, March 30, 2019.

“Animals in the Confederate Arsenal: Horses, Pigs, and the American Civil War,” Invited Lecture at the Library of Virginia, Richmond, Virginia, September 18, 2018.

“Desert Canaries: A History of Feral Burros in the American West,” Return to Freedom American Wild Horse Sanctuary, Lompoc, California, June 26, 2018.

“Beasts of Burden: Mining Burros in the American West,” Ralph L. Hennebach Lecture at the Colorado School of Mines, Golden, Colorado, March 22, 2018.

“Feral Animals in the American South,” Virginia Festival of the Book, Virginia Foundation for the Humanities, Charlottesville, Virginia, March 24, 2017.

“The Assault on Fertility,” Earth and Environmental Sciences Working Group, Consortium for the History of Science, Technology and Medicine, Philadelphia, Pennsylvania, October 5, 2016.

“Feral Animals in the American South,” Invited Lecture at the University of Lethbridge, Lethbridge, Alberta, Canada. September 23, 2016.

“Origin of the Social Impulse: E.O. Wilson’s Recent Decision to Reject Kin Selection,” Ethics in Science Invited Lecture Series, University of Houston, Houston, Texas, December 4, 2015.

Conference Papers

“Automation and the Historian of Tomorrow,” History of Science Society Annual Meeting, New Orleans, Louisiana, November 18-21, 2021 (accepted).

“Rise of the Global Organism: The Science and Politics of Holism in the Interwar Era,” International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB), Cold Spring Harbor Laboratory, Long Island, New York, July 13, 2021.

“Getting Back to Nature: Feral Animals in the History of the Life Sciences,” Feral: A Nearly Carbon-Neutral Conference, Association of Social Anthropologists of Aotearoa / New Zealand, November 20, 2018.

“The Science of Cooperation between World Wars: Lessons from Invertebrate Zoology,” Joint Atlantic Seminar for the History of Biology, Princeton, New Jersey, April 7, 2018.

“The Moonshine Capital of the World: Documenting Agricultural, Technological, and Social Change in Franklin County, Virginia,” American Society for Environmental History Annual Meeting, Riverside, California, March 15, 2018.

“Neither Wild nor Tame: Feral Animals in the History of Biology,” History of Science Society Annual Meeting, Toronto, Ontario, November 9, 2017.

“Beasts of the Southern Wild: Feral Swine in Southern History,” Southern Historical Association Annual Meeting, Trade Winds Island Resort, St. Petersburg, Florida, November 4, 2016.

“Counting the Animals: Insights from the 2012 Agricultural Census,” Agricultural History Society Annual Meeting, Lexington, Kentucky, June 6, 2015.

“The Science of Cooperation after World War I,” Southern History of Science and Technology Conference, Virginia Commonwealth University, Richmond, Virginia, April 10, 2015.

“The Path to the Present,” Evolution and Ethics Conference, Florida State University, Tallahassee, Florida, March 28, 2015.

“Feral Burros in the American West: The Environmental Legacy of Nineteenth-Century Mining Booms,” American Society for Environmental History Annual Meeting, Washington, DC, March 21, 2015.

“The Science of Cooperation between World Wars,” Introductory Symposium, Philadelphia Area Center for the History of Science, Philadelphia, Pennsylvania, September 18, 2014.

“The Hunt for Hogzilla: Feral Swine in Southern History and Culture,” American Society for Environmental History Annual Meeting, San Francisco, California, March 15, 2014.

“The Evolutionary History of Domestic Animals in the American South,” Tuesday Colloquium series, National Museum of American History, Smithsonian Institution, August 20, 2013.

“Dogs and People in the Prehistoric Southeast,” History Graduate Student Association Conference, Florida State University, Tallahassee, Florida, March 23, 2013.

“Feral Animals in the American South: Science and Culture of Broken Symbioses,” American Historical Association Annual Meeting, New Orleans, Louisiana, January 4, 2013.

“Lost in the Desert: Feral Animals in American History,” HGSA Conference, Florida State University, Tallahassee, Florida, April 3, 2010.

“Mining Burros of the Southwest,” Florida Conference of Historians, Wakulla Spring State Park, Wakulla, Florida, February 19, 2010.

“Crossing the Species Divide,” Dialogues Conference: Crossing Borders, Florida State University, Tallahassee, Florida, March 27, 2009.

“Common Descent and the Anthropocentric Response,” Darwin’s Reach: Celebrating Darwin’s Legacy Across the Disciplines, Hofstra University, Hempstead, New York, March 12, 2009.

“Religious Identity, Educational Standards, and the Florida Evolution Debate,” Graduate Student Symposium in Religious Studies, Florida State University, Tallahassee, Florida, February 21, 2009.

“Simian Sodas: Science and Religion in the 1920s South,” Evolution and Religion Conference: Towards a History of an Evolving Relationship, Clemson University, Clemson, South Carolina, February 14, 2009.

“Confronting the Tree of Life,” Conference on Information Fluency, Critical Thinking and Ethics, University of Central Florida, Orlando, Florida, January 27, 2009.

Panels Organized

Panel Organizer, “Digital Futures in the History of Science,” History of Science Society Annual Meeting, New Orleans, Louisiana, November 18-21, 2021 (accepted).

Panel Organizer, “Pests, Friends, Trophies and Meat: Examining Domestic Animals in Environmental History,” American Society for Environmental History Annual Meeting, San Francisco, California, March 15, 2014.

Panel Organizer, “Evolutionary History: How Biology Can Help Us Understand History,” American Historical Association Annual Meeting, New Orleans, Louisiana, January 4, 2013.

Panels Chaired

Chair, “Digital Futures in the History of Science,” History of Science Society Annual Meeting, New Orleans, Louisiana, November 18-21, 2021 (accepted).

Chair, “Rethinking the Historiography of Biology,” History of Science Society Annual Meeting, Seattle, Washington, November 2, 2018.

Chair, “Improving Early Modern and Modern Agriculture through Science,” History of Science Society Annual Meeting, Toronto, Ontario, November 10, 2017.

Roundtables

“Roundtable on the Future of Digital Humanities in the History of Science,” History of Science Society Annual Meeting, New Orleans, Louisiana, October 9, 2020.

“Roundtable on Animals and the Environment in the Early Republic,” Society for Historians of the Early American Republic Annual Meeting, Philadelphia, Pennsylvania, July 16-20, 2020 (postponed until 2021 because of pandemic).

Seminars

Participant, “A Century of Engineering Life: Populations and Ecosystems,” ASU-MBL History of Biology Seminar at the Marine Biological Laboratory, Woods Hole, Massachusetts, May 17-22, 2018.

Podcasts

“Interview with Abraham Gibson, author of *Feral Animals in the American South*” Consortium for the History of Science, Technology, and Medicine, April 30, 2021.

SELECTED PROFESSIONAL ACTIVITIES

Co-founded and co-convened the monthly Digital History workshop at the Consortium for the History of Science, Technology, and Medicine, 2021.

Reviewed manuscripts for *Age of Revolutions* digital journal, 2021.

Reviewed manuscripts for *History and Philosophy of the Life Sciences*, 2020.

Developed an NSF-funded training workshop on computational history, 2019.

Developed an NSF-funded training manual on computational history, 2019.

Reviewed manuscripts for *Isis*, 2019.

Reviewed manuscripts for *Environmental History*, 2019.

Reviewed manuscripts for *Journal of the History of Biology*, 2019.

Reviewed manuscripts for *Journal of the History of Biology*, 2018.

Reviewed fellowship applications for the Consortium for History of Science, Technology, and Medicine, 2017.

PROFESSIONAL REFERENCES

Available upon request.