

Piers J. Hale

Deisenroth Presidential Professor
Department of the History of Science
University of Oklahoma
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AREAS OF SPECIALISATION

Evolution and Society
History of Modern Science
Biomedical and Environmental Ethics
Intellectual, Social, and Cultural History of Modern Britain

PROFESSIONAL QUALIFICATIONS

Ph.D. Department of History, Lancaster University, England, 2003.
M.A. (Distinction), Department of History, Lancaster University, England, 1995.
B.A. (Hons.) (First Class), History, School of Humanities and Social Sciences, University of Glamorgan, Wales, 1993.

EMPLOYMENT, HONOURARY APPOINTMENTS & SOCIETY FELLOWSHIPS & MEMBERSHIPS

Current employment:

2017- Deisenroth Presidential Professor, University of Oklahoma, United States.
2014- *Associate Professor in the History of Modern Science*, Department of the History of Science, University of Oklahoma, Norman Oklahoma, United States.

Honorary appointments:

2010- *Fellow of Furness College*, Lancaster University, England.
2003- *Honourary Research Fellow*, Department of Science and Technology Studies, University College London, England.

Fellowships and Memberships of Professional Societies:

2010- : Fellow of the Linnean Society of London.
2010- : Fellow of the Geological Society of London.
Member of the Royal Historical Society
Member of the International Society for the History, Philosophy & Social Studies of Biology.
Member of the History of Science Society.

Research fellowships:

2021-2022 Senior Fellow, Hanse-Wissenschaftskolleg, Delmenhorst, Germany.

2017-2018 EURIAS Senior Fellow, Hanse-Wissenschaftskolleg, Delmenhorst, Germany.

Previous Employment:

2007-2014 *Assistant Professor in the History of Modern Science*, Department of the History of Science, University of Oklahoma, Norman Oklahoma, United States.

2005-2007: *Visiting Assistant Professor in Science Technology and Society*. Science, Technology and Society Program, Colby College, Maine, United States.

2003-2005: *Postdoctoral Research Fellow in the History of Science*. Department of Philosophy and Interdisciplinary Studies Graduate Program, University of British Columbia, Canada.

2003: *Temporary Lecturer*. Department of Science and Technology Studies, University College London, England.

2002: *Temporary Lecturer in the History of Science*. Institute of Technology, University of Minnesota, United States.

PUBLICATIONS

Series Editor: Co-General Editor, with Meegan Kennedy, Routledge Historical Resources, History of Science, Technology, & Medicine. (2023-). 200+ volume series on the history of science, technology, and medicine in nineteenth century Britain. The first volumes of this series are now in print.

Books:

Caden C. Testa and Piers J. Hale, (eds). *Evolution Before Darwin*. Vol. 1 in a series, Routledge Historical Sources, London: Routledge, 2025. ISBN 9781032791128 (Publication date September 2024).

Piers J. Hale, Nathan Kapoor, Elizabeth Neswald, and Michael Barton (eds.), *The Correspondence of John Tyndall, Volume 8, (1861-1865)* (Pittsburgh: Pittsburgh University Press 2021).

Political Descent: Malthus, Mutualism and the Politics of Evolution in Victorian England. (Chicago: University of Chicago Press, 2014). (Nominated for the North American Victorian Studies Association award for ‘best book of 2014’)

Piers J. Hale & Jonathan Smith, (eds.) *Negotiating Boundaries*. Vol.1 in the series *Victorian Science and Literature*, series editors, Bernard Lightman & Gowan Dawson. (London: Pickering and Chatto, 2011.

In progress:

Piers J. Hale and John H. Beatty, *Evolution as Parable. Charles Kingsley, Water Babies and the science of a religious life* (under contract with University of Chicago Press).

Darwin in History. Evolution, Science, and Society (under contract with Cambridge University Press).

The science of mind and morals in Victorian England. (in progress).

Articles and Book Chapters:

(peer reviewed = *)

Published:

Plön, S., Andra, K., Auditore, L., Gegout, C., Hale, P., Hampe, O., Henry, M. R., Holm, P., Jaigirdar, A. M., Klein, L.¹, Maewashe, K., Müssig, J., Ramsarup, N., Roussouw, N.¹, Sabin, R., Shongwe, T., Tuddenham, P, “Marine mammals as indicators of Anthropocene Ocean Health” *npj Biodiversity*, (accepted July 2024), in press.*

“H.G. Wells and the Politics of Evolution,” in *The Oxford Handbook of H.G. Wells*, (eds.) Duncan Bell and Sarah Cole, Oxford University Press, 2024.*

Caden C. Testa and Piers J. Hale, “Evolution in Victorian Britain,” – series introduction, in Caden C. Testa and Piers J. Hale, (eds). *Evolution Before Darwin*. Vol. 1 in a series, Routledge Historical Sources (London: Routledge, 2025).

Caden C. Testa and Piers J. Hale, “Mapping Evolutionary Ideas in Britain in the First Half of the Nineteenth Century,” in Caden C. Testa and Piers J. Hale, (eds). *Evolution Before Darwin*. Vol. 1 in a series, Routledge Historical Sources (London: Routledge, 2025).

“The Politics of the Darwinian Revolution,” in *Imagining the Darwinian Revolution: The Place of History in Science*, (ed.) Ian Hesketh, (Pittsburgh: Pittsburgh University Press, 2022), pp.103–120.*

“Charles Darwin, sexual selection and the evolution of other-regarding ethics,” *BJHS Themes*, (2021), 6, pp.157–177.*

“Charles Kingsley and the evolution of man and morals in *Water-Babies*” in J.M.I. Klaver and J. Conlin (eds.), *Charles Kingsley. Faith, Flesh and Fantasy* (London: Routledge, 2021), pp.159–183. *

“Darwin, Design, and the Honey Bee”, *American Bee Journal*, vol. 160, No.9, (September 2020): 985–89.

“Darwin, Design, and the Honey Bee. The Ethics of the Hive,” *American Bee Journal*, vol. 160, No.10, (October 2020): 1003–1007.

“Between intuition and empiricism: William Benjamin Carpenter on man, mind and moral responsibility”, in Bernard Lightman, Richard England and Catherine Marshall (eds.), *The Metaphysical Society* (Oxford: Oxford University Press, 2019): 204–227.*

“Finding a Place for the Anti-Malthusian Tradition in the Victorian Evolution Debates” in Robert Mayhew (ed.), *New Perspectives on Malthus* (Cambridge: Cambridge University Press, 2016), pp. 182–207.*

“Rejecting the Myth of the Non-Darwinian Revolution”, *Victorian Review*, 41, 2, (2015):13–19.*

“Monkeys into Men and Men into Monkeys: Chance and Contingency in the Evolution of Man, Mind and Morals in Charles Kingsley’s *Water Babies*,” *Journal of the History of Biology*, 46 (2013): 551–597.* DOI: 10.1007/s10739-012-9345-5.

“Debating waste, nature, and justice in nineteenth-century England: Herbert Spencer, Thomas Huxley, and William Morris,” in (eds.) John Scanlon & John Clark, *Aesthetic Fatigue. Modernity and the language of waste*. (Newcastle: Cambridge Scholars Press, 2013): 81–98.* ISBN: (10): 1-4438-4912-X

“Darwin’s Other Bulldog: Charles Kingsley and the popularization of evolution in Victorian England,” *Science & Education*, Vol.21, No.7, (July 2012): 977–1014.* DOI: 10.1007/s11191-011-9414-8

“William Morris, Human Nature and the Biology of Utopia”. In Bennett P. & Miles R., (eds), *William Morris in the Twenty-First Century*, Oxford: Peter Lang, (2010):107–28.* ISBN: 978-3-03430-106-0

“Of Mice and Men: Evolution and the Socialist Utopia. H.G. Wells, William Morris and George Bernard Shaw,” *Journal of the History of Biology*. 43, 1, (2010): 17–66.*

“*Water Babies*: An Evolutionary Fairy Tale”, with John Beatty, *Endeavour*, Vol. 32, No.4, (2008): 141–46.

“The Search for Purpose in a Post-Darwinian Universe: George Bernard Shaw, ‘Creative Evolution’, and Shavian Eugenics: ‘The Dark Side of the Force,’ ” *History and Philosophy of the Life Sciences*, 28, 2, (2006): 191–214.*

“Labor and the human relationship with nature: The naturalization of politics in the work of Thomas Henry Huxley, Herbert George Wells, and William Morris,” *Journal of the History of Biology*, 36, 2, (2003): 249–284.*

Encyclopedia and dictionary entries:

“Clarke, Louisa” in *Dictionary of Nineteenth Century British Scientists*. Ed. Bernard Lightman. Bristol: Thoemmes Continuum Press, 2004, vol. 1, 436–7.

“Veitch, James” v. 4, 2068–9

“Wilson, William” v. 4, 2178–9.

Book Reviews:

White, Hodge, and Raddick, *Darwin’s Argument by Analogy. From Artificial to Natural Selection*, in *ISIS*, (June 2023), 114(2):441–2.

Alison Bashford, *The Huxleys. An Intimate History of Evolution*, in *Science*.

Essay review: “The making of a man of science: Darwin’s development in a transformative time.” Essay review of Alasdair Sponsel, *Darwin’s Evolving Identity* and Louis B. Rosenblatt, *Buckets from an English Sea*, *ISIS* (2020).

Erika Dyck and Larry Stewart (eds.) *The Uses of Human Experiment. Perspectives from the Seventeenth to the Twentieth Century*, in *MetaScience*, published online February 2019. 10.1007/s11016-019-00398-x

Michael Boulter, *Bloomsbury Scientists. Science and Art in the Wake of Darwin* in *ISIS*, 110 (1), 2019: 191-2.

Bernard Lightman (ed.), *Global Spencerism. The Communication and Appropriation of a British Evolutionist*, in *Annals of Science*, (2017).

Tania Munz, *The Dancing Bees, Karl von Frisch and the Discovery of the Honeybee Language*, in *Journal of the History of Biology*, (2017), 50: 681-83.

Matthew Stanley, *Huxley's Church and Maxwell's Demon*, in *Journal of British Studies*, (2015).

Bernard Lightman and Bennett Zon, (eds.). *Evolution in Victorian Culture*, in *ISIS*, (2015).

Peter Bowler, *Darwin Deleted*, in *ISIS*, 105 (2), 2014: 450-1.

David Sloan Wilson, *The Neighborhood Project*, in *Quarterly Review of Biology*, Vol. 87, No. 2, June 2012, pp.129-34. (lead essay review).

Lee Dugatkin, *Prince of Evolution*, in *Journal of the History of Biology*, (2012), 45(2): 365-6
DOI: 10.1007/s10739-012-9323-y.

Ian Hesketh, *Of Apes and Ancestors*, in *Victorian Review*, 37:1, 2012, pp.210-12.

David Sloan Wilson, *The Neighborhood Project*, in *Journal of the History of Biology*, (2012), 45(1): 171-3, DOI: 10.1007/s10739-011-9315-3.

William Brown & Andrew C. Fabian, *Darwin*, in *Quarterly Review of Biology*, 86(4), (December), 2011:334-5.

Mark E. Borrello, *Evolutionary Restraints*, in *History and Philosophy of the Life Sciences*, 33, 3, (2011): 418-21.

David N. Reznick, *The Origin Then and Now. An Interpretive Guide to the Origin of Species*. In *Reports of the National Center for Science Education*, 31.2, 6.2, (Mar-Apr 2011).

Krishna Dronamraju, (ed.), *What I Require from Life. Writings on Science and Life from J.B.S. Haldane*. in *Journal of the History of Biology*, Vol.42, No.2, May 2009. pp. 381-385.

Keith Thomson, *The Young Charles Darwin* in *Quarterly Review of Biology*, 84(3), 2009:281-2.

Michael W. Taylor, *The Philosophy of Herbert Spencer*. in *History and Philosophy of the Life Sciences*, 30, 2008, 109-10.

John Glandening, *The Evolutionary Imagination in Late-Victorian Novels. An Entangled Bank*. in *Journal of the History of Biology*, 2008, 41, 2,: 394-8.

Maxine Schwartz, *How the Cows Turned Mad*, in *Journal of the History of Biology*, 2006, 39: 407-424.

Spencer R. Weart, *The Discovery of Global Warming*, in *British Journal for the History of Science*. March 2006, 39, 1: 149-50.

Douglas R. Weiner, *Models of Nature: Ecology, Conservation and Cultural Revolution in Soviet Russia*, in *British Journal for the History of Science*, June 2004, 37, 2: 219-20.

Stuart McCook, *States of Nature: Science, Agriculture, and Environment in the Spanish Caribbean, 1760-1940*, in *British Journal for the History of Science*, June 2004, 37, 2: 215-16

Pedar Anker, *Imperial Ecology: Environmental Order in the British Empire, 1895-1945*, in *British Journal for the History of Science*, June 2003, 36, 2: 248-50

Charles Elton, *Animal Ecology*, in *British Journal for the History of Science*, 2002, 35, 3: 373-4.

INVITED KEYNOTE / PLENARY ADDRESS

“Charles Kingsley and the Science of Water Babies,” Address to the Kingsley Bicentennial Kingsley Meetings, Eversley, England, June 15th 2019.

“Charles Kingsley and the evolution of Man, Mind and Morals”, Charles Kingsley Conference, Hawarden, Wales, 2017.

“Political Descent: Evolution, Man and Society, from Victorian England to the post war world”, Plenary Address, International Society for the History, Philosophy, and Social Studies of Biology, University of Utah, July 11th 2011.

“A Liberal Descent: Charles Darwin and the Politics of Evolution”. Keynote Address, 3rd Annual Undergraduate Conference in the Humanities and Social Sciences, Clarkson University, New York, April 14th 2011.

“Charles Kingsley, Thomas Huxley and *Water Babies*”. Stuart Pierson Memorial Lecture. 53rd Midwest Junto for the History of Science. University of Oklahoma, 27 March 2010.

INVITED COLLOQUIA

“The Making of the Darwinian Revolution,” University of Queensland, Institute for Advanced Study, workshop: Re-imagining the Darwinian Revolution, 7th June, 2019.

“Charles Kingsley and his evolutionary parable: *Water Babies*,” University of Queensland Institute for Advanced Study, Brisbane, Australia, May 30th 2019.

“John Tyndall on conceiving force in Nineteenth-century physics,” Workshop II on Conceptual Knowledge and Conceptual Change, Hanse-Wissenschaftskolleg, Delmenhorst, Germany, 2019.

“Charles Darwin, sexual selection and the evolution of other-regarding ethics,” Hanse-Wissenschaftskolleg Fellow Lecture, Delmenhorst, Germany, 2018.

“Charles Darwin, sexual selection and the evolution of other-regarding ethics,” Princeton Workshop, ‘Descent of Darwin,’ Princeton University, February 2018.

“Charles Kingsley, Thomas Huxley and the Evolution of man, mind and morals in *Water Babies*,” Hanse-Wissenschaftskolleg Fellow Lecture, Delmenhorst, Germany, February 2018.

“William Benjamin Carpenter and the science of mind at the Metaphysical Society,” Workshop I on Conceptual Knowledge and Conceptual Change, Hanse-Wissenschaftskolleg, Delmenhorst, Germany, February 2018.

“Political Descent. Malthus, Mutualism and the Politics of Evolution in Victorian England”, Peking University, Beijing, China, September 2014.

“Post Darwinian Natural Theologies in England and America: Charles Kingsley and Asa Gray”, Center for Philosophy and History of Science, Boston University, April 24th 2009.

“Post Darwinian Natural Theologies in England and America: Charles Kingsley and Asa Gray”, Center for Philosophy and History of Science, Oregon State University, February 20th 2009.

“Post-Darwinian Natural Theologies in England and America: Charles Kingsley and Asa Gray”, Biology Department, Austin College, Texas, September 24th 2008.

“Charles Darwin, Evolution and Religion in England and America”, Alumni College, Colby College, June, 2008.

“Darwin’s Other Bulldog: Charles Kingsley, and the popularization of Darwinism in Victorian England” Zoology Department, University of Oklahoma, United States, January 2008.

“Darwin’s Other Bulldog: Charles Kingsley, Thomas Huxley and the debate over post-Darwinian Natural Theology”, History of Science Department, University of Oklahoma, United States, December 2006.

“Darwin’s Other Bulldog: Charles Kingsley, Evolution and Education in Victorian Britain”, Science, Technology, and Society Program, Colby College, United States, October 2006.

“The Bread and the Roses: Justice and Nature in Environmental Thought”, Environmental Studies Program, Colby College, United States, October, 2006.

“Charles Kingsley’s *Water Babies*, Embryology and Education”, Interdisciplinary Nineteenth-Century Studies Group Colloquium, University of British Columbia, Canada, November 16th, 2005.

“Charles Kingsley, *The Water Babies* and Evolutionary Biology”, Humanities 101 Community Program, University of British Columbia, Canada, April 2005.

“Evolution in Fiction: H.G. Wells’ *Time Machine*”, Science, Technology and Society Colloquium, Colby College, Maine, United States, February 2005.

“Of Mice and Men: Evolution and Utopia in the Work of Herbert George Wells and George Bernard Shaw”. Interdisciplinary 19th Century Studies Group Colloquium, University of British Columbia, Canada, March 2004.

“Evolution and the Eclipse of Utopia: British Socialism, 1883-1900”, History Department Colloquium, University of British Columbia, Canada, October 2003.

“Evolution and the Eclipse of Utopia: British Socialism, 1883-1900”, Colloquium in the History of Science & Technology, University of Minnesota, United States, September 2003.

“Waste, justice, and the environment in late-nineteenth century socialism”, AHRB Research Centre for Environmental History inaugural workshop: *The Languages of Waste*, University of St. Andrews, Scotland, September 2003.

CONFERENCE PAPERS

“ ‘The saddest doctrine of all’ : the evolution of ethics and the case of Darwin’s bees,” ASU/MBL History of Biology Seminar, Wood Hole MBL, 2024.

“ ‘The saddest doctrine of all’ : the evolution of ethics and the case of Darwin’s bees,” ASU/MBL History of Biology Seminar, Wood Hole MBL, 2023.

“Charles Darwin, Sexual Selection, and the Evolution of Ethics”, Columbia History of Science Group, Friday Harbor, WA., March 2020.

“Between intuition and empiricism: William Benjamin Carpenter in man, mind and moral responsibility at the Metaphysical Society,” Columbia History of Science Group, Friday Harbor, WA., March 2019.

“Between intuition and empiricism: William Benjamin Carpenter in man, mind and moral responsibility at the Metaphysical Society,” North American Victorian Studies Association, Florida, October 2018.

“Charles Kingsley: An Excellent Darwinian”. A Paper in a panel presentation on “Darwinism and Evolution in Literature.” History of Science Society Meeting, San Francisco, November 2015.

“Collaborative Teaching in the Classroom and in the Field: Teaching Evolution and Its History from the Rainforest to the Galapagos”. A paper in the panel presentation: “Linking the Past and the Present: A Discussion of Collaboration Between Historians and Practitioners in the Classroom, the Field and the Laboratory (Committee on Education sponsored roundtable). Panel includes: Piers Hale*, Mark Borrello, Jamie Elwick and David Sepkoski. History of Science Society annual meeting, Cleveland, Ohio, November 4th 2011.
(*panel organizer)

“Charles Kingsley and the popularization of evolution in England.” A paper in the panel presentation: “Defining Darwin: The Policing and Popularizing of ‘Darwinism’ in the first quarter-century after *Origin*.” Panel includes: Piers Hale*, John Lynch, T. Russell Hunter, Bernard Lightman. History of Science Society annual meeting, Phoenix Arizona, November 2009.
(*panel organizer)

“Monkeys into Men and Men into Monkeys: Caprice and Contingency in Charles Kingsley’s *Water Babies*.” A paper in a panel presentation: “Thus From the War of Nature: Caprice, Contingency and the Dreadfulness of It All.” Panel includes: Staffan Müller-Willie*, John Beatty, Piers Hale. International Society for the History, Philosophy and Social Studies of Biology, Brisbane, Australia, June 2009.

(*panel organizer)

“Environment and Justice: William Morris on labour and the evolution of socialism”, at *Chasing Eden: nature, health, and the politics of the environment*. Eden Project, Cornwall, United Kingdom, September 4th & 5th 2008.

“Post Darwinian Natural Theologies in England and America: Charles Kingsley and Asa Gray”, Columbia History of Science Group, Friday Harbor, United States, March 2008.

“George Bernard Shaw, “Creative Evolution” and Shavian eugenics”, a paper in a panel presentation: “The Dark Side of Lamarckism.” Panel includes: Piers Hale*, Kevin Francis, Jamie Elwick. History of Science Society, Minneapolis, United States, November 2005.

(*panel organizer)

“William Morris and the Biology of Utopia”, 50th Anniversary William Morris Society Conference “Morris in the 21st Century”, University of London, England, July 2005.

“Charles Kingsley, Thomas Henry Huxley and the *Water Babies*”, Columbia History of Science Group, Friday Harbor, United States, March 2005.

“A Fairy-Tale of Transformation: Charles Kingsley, *The Water Babies* and the History of Science”, Canadian Society for the History and Philosophy of Science, University of Manitoba, Winnipeg, Canada, 2004.

“The Woman Question, Socialism, and the Body in Victorian England”, Wellcome Unit for the History of Medicine, Glasgow University, Scotland, 2002.

“Ecology, Socialism and Feminism: William Morris, Robert Blatchford, and Edward Carpenter”, Centre for Science Studies, Lancaster University, England, 2001.

“Political-Ecology, Socialism and Feminism: Biology and Society in Britain at the Turn of the Century”, Postgraduate conference, Lancaster University, England, 2001.

“Socialism and Environmentalism in Britain at the Turn of the Century. An Analysis of the Utopian Fiction of William Morris and H.G. Wells”, Columbia History of Science Group, Friday Harbor, United States, 2000.

PUBLIC LECTURES

“Rethinking Darwinian Ethics: from the *Origin of Species* to the *Descent of Man*”, Darwin Day Lecture, February 12th 2012, Sam Noble Oklahoma Museum of Natural History, Norman, OK.

GRANTS & AWARDS

2022–2023	University of Oklahoma Research Council Award (Norman Campus) in support of <i>Evolution in Victorian Britain</i> primary sources collection. Research studentship.
2021–2022	Senior Fellow. Hanse-Wissenschaftskolleg Institute for Advanced Study, Delmenhorst, Germany. (EU 50,000).
2017–2018	EURIAS Senior Fellow. Hanse-Wissenschaftskolleg Institute for Advanced Study, Delmenhorst, Germany. (EU 40,000).
2017	University of Oklahoma Faculty Senate Ed. Cline Faculty Development Award.
2016	Senior Faculty Summer Research Stipend. College of Arts and Sciences, University of Oklahoma.
2012–2013	University of Oklahoma Research Council Award in support of the Charles Kingsley Correspondence Project. \$12,111 in support of graduate and undergraduate research studentships.
2010	University of Oklahoma 2010 General Education Teaching Award.
Oct 2009–Dec 2011	National Science Foundation Award no: SES-0924426: Principal Investigator: Dr. Michael Reidy, Montana State University. Hale is senior personal on ‘John Tyndall Correspondence Project.’ \$9000.00 for graduate support over two years.
2009	University of Oklahoma, “Summer Stipend Grant,” College of Arts and Sciences Support for Junior Faculty.
2008	University of Oklahoma, “Faculty Enrichment Grant,” College of Arts and Sciences Support of Teaching and Research Committee.
2008	University of Oklahoma “Presidential Dreamcourse” award of \$20,000 for teaching “The Darwinian Revolution” in the Spring semester of 2009.
2005-2006	Joseph R. Dunlap Memorial Fellowship, awarded by the William Morris Society in recognition of and support of scholarship on the socialist writer, artist and craftsman William Morris.
2005	Travel grant and stipend to attend the Dibner Seminar in the History of Biology, Marine Biological Laboratory, Woods Hole, Massachusetts.
2003	Travel grant and stipend to attend the inaugural workshop of the AHRB Research Centre for Environmental History, St. Andrews, Scotland.
2003	Travel grant and stipend to attend the Dibner Seminar in the History of Biology, Marine Biological Laboratory, Woods Hole, Massachusetts.
2002	Travel grant and stipend to attend the Dibner Seminar in the History of Biology, Marine Biological Laboratory, Woods Hole, Massachusetts.
2000	Travel grant and stipend to attend the Dibner Seminar in the History of Biology, Marine Biological Laboratory, Woods Hole, Massachusetts.
2000	Research and Travel Grant, Arts and Humanities Research Board of the British Academy.
1997-2001	Postgraduate Fellowship, Arts and Humanities Research Board of the British Academy.
1994-1995	Iredell Postgraduate Scholarship, Lancaster University.

TEACHING

Graduate students:

Current Masters students:

- Emily Laiben, “Evolutionary Degeneration in the Victorian Novel” (ongoing)

Current Ph.D. students:

- William P. Munsell, “The History of third part liability and workers’ compensation.”
- Camille Testa, “Sensation, will, and internal sentiment in the work of Jean Baptiste Lamarck. Evolving ideas of self in post-revolutionary France.”
- Goutham Sukumaran, “Evolution and Degeneration in Indian Nationalist Politics, c. 1910-1930.”

Completed Masters degrees:

- Goutham Sukumaran, “Illusions of Progress and Decline in Colonial India: Evolution and Degeneration in the Works of Pramatha Nath Bose, c. 1910-1930.” University of Oklahoma, (2024).
- Millie Milburn, “Masculine Methods. Travel Narratives and Scientific Authority in Early Victorian Britain.” University of Oklahoma, (2022).
- Caden Camille Testa, “Species Transformation and Social Reform: The Role of the Will in Jean-Baptiste Lamarck’s Transformist Theory.” University of Oklahoma, (2021).
- William P. Munsell, “Technology on Trial: The Social Premise of Safe Design”, University of Oklahoma, University of Oklahoma, (2015).
- Jared Neumann, “William Whewell, Augustus De Morgan, and the meaning of Victorian Philosophy,” University of Oklahoma, University of Oklahoma, (2014).
- Ashley McCray, “Money, Science and Radical Politics: The Patronage of Harriet Martineau's Political Economy”, University of Oklahoma, (2014).
- T. Russell Hunter, “Re-thinking Asa Gray's ‘Natural selection not inconsistent with natural theology’”, University of Oklahoma, (2009).

Student sole-author publications:

- Caden Camille Testa, “Species Transformation and Social Reform: The Role of the Will in Jean-Baptiste Lamarck’s Transformist Theory.” *Journal of the History of Biology*, (Dec. 2022).
- W.P. Munsell Jr., “Technology on Trial. The Social Framework of Safe Design.” *ASME International Mechanical Engineering Congress and Exposition*, (2019).
- Jordan Larsen, “The Evolving Spirit: Morals and Mutualism in Arabella Buckley’s Evolutionary Epic” *Notes and Records of the Royal Society*, (2017), DOI:10.1098/rsnr.2016.0056
- T. Russell Hunter, “Making a Theist out of Darwin: Asa Gray’s Post-Darwinian Natural Theology,” *Science and Education*, (2011), DOI: 10.1007/s11191-011-9388-6

Courses taught:

Undergraduate courses:

HSCI 1003 “Science, Nature and Society”

HSCI 2213 “The Darwinian Revolution”

HSCI 2423 “Social and Ethical Issues in Science, Technology and Medicine”

HSCI 3023 “History of Science since the Seventeenth Century”

HSCI 3413 “Biomedical Ethics”

HSCI 3473 “History of Ecology and Environmentalism”

Graduate seminars:

HSTM 5960 “Evolution and Degeneration”
 HSTM 5533 “The Darwinian Revolution”
 HSCI 5533 “Victorian Science and Society”
 HSCI 5533 “Biology and Utopia”
 HSCI 5533 “The Evolution of Man, Morals and Culture”
 HSCI 5970 “Gender and sex in the history of science”
 HSCI 5970 “Research, Criticism and Analysis”

Study Abroad Programs:

July-August 2010: “Charles Darwin in Galapagos: Solving the Mystery of Mysteries.”
 University of Oklahoma & University of San Francisco, Ecuador. Taught in Quito, Tiputini
 Biodiversity Station in Yasuni National Park, and the Galapagos Islands.

Invited Teaching:

- 2020: University of Oldenburg, Germany. Evolution in Victorian Literature, MA intensive 2-week seminar, co-taught in their ‘Fiction Meets Science’ group (online collaboration).
- 2020: Harvard University, United States. “Charles Kingsley and the Popularization of Evolution in Victorian England,” invited guest lecture.
- 2018: University of Oldenburg, Germany, “Charles Kingsley and Water Babies,” a part of the course *Victorian Literature and Science*.
- September 2009: “In Discussion with Darwin” Public Seminar Series, Sam Noble Oklahoma Museum of Natural History: Seminar title: “Difficulties on Theory.”
- February 2009: OSLEP (Oklahoma Scholar-Leadership Enrichment Program): “Darwin” Lead instructor was John Lynch from Arizona State University. Piers Hale acted as the OU faculty liaison.
- October 2008: OLLI (Osher Life-Long Learning Initiative): “Darwin & Design” A six-lecture class on the historical and philosophical relationship between Darwinian evolution and the argument from design. Students are over the age of 50 from the Norman community.
- September 24th-26th 2008: Austin College, Sherman, Texas. Guest lecturer in Austin College’s “Darwin 200 Celebrations”. Taught classes in ENG “Post-Darwinian conceptions of the human relationship with nature”; PHIL “The Philosophy of Science in Darwin’s *Origin of Species*”; BIO: “Scientific and Religious Objections to Evolution: Reasons to Read *Origin of Species*”

SERVICE**Current/ongoing service:**

2022-2024 ‘Committee A’, Department of the History of Science, Technology, & Medicine.
 University of Oklahoma.
 2021-2024 Faculty Appeals Board, University of Oklahoma.
 2017- Expert reviewer, EURIAS Fellowship Programme, RFIEA Foundation, Paris.

Referee work:

Pittsburgh University Press; Cambridge University Press; Broadview Press; Oxford University Press; Routledge; Bloomsbury Publishing; *Journal of the History of Biology*; *Victorian Studies*;

ISIS; Historical Studies in Natural Sciences; History and Philosophy of the Life Sciences; Labour History.

Past service:

- 2021-2024 Faculty Appeals Board, University of Oklahoma.
- 2019-2021 Chair, Research Council, University of Oklahoma.
- 2019-2021 Member of Research Council, University of Oklahoma.
- 2015-2018 Member: Faculty Advising Council for Undergraduate Research, University of Oklahoma.
- 2015-2018 Member: Arts & Humanities Faculty Fellowship selection committee, University of Oklahoma.
- 2013-2021 Chair: Undergraduate Studies Committee, Department of the History of Science, University of Oklahoma.
- 2010-2017 Member of the Editorial Board of the *Journal of the History of Biology*.
- 2007- Member: Undergraduate Studies Committee, Department of the History of Science, University of Oklahoma.
- 2005-2011 Education Committee Member, International Society for the History, Philosophy and Social Studies of Biology.
- 2008-2012 Committee on Education, History of Science Society. (Chair, 2012; Sec. 2011)
- 2010-2011 Committee Member for the 2011 University of Oklahoma School of International and Area Studies Symposium: "International Ethics for the Twenty-first Century."
- 2008-2009 Co-Chair: Darwin 2009 Events Steering Committee, University of Oklahoma.
- 2007-2009 Member: Darwin 2009 Events Steering Committee, University of Oklahoma.
- 2008-2009 Chair: Darwin 2009 Education Outreach Sub-Committee, University of Oklahoma.
- 2006-2007 Institutional Animal Care and Use Committee, Colby College.
- 2005-2007 Science, Technology & Society Steering Committee, Colby College.
- 2006 Search Committee Member, Department of Biology, Colby College.
- 2004-2005 Member: Steering Committee for the Interdisciplinary Nineteenth Century Studies Group, University of British Columbia, Canada.
- 2002-2005 Member of Lancaster University Court, Lancaster University, England.
- 2000-2002 Assistant Dean, Furness College, Lancaster University, England.
- 1999-2002 Member of Furness College "Senior College" administrative and executive body, Lancaster University, England.
- 1998-2002 Student Mentor and Personal Tutor, Furness College, Lancaster University, England.