

*Curriculum Vitae*  
Dr. William C. Kimler

Department of History  
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North Carolina State University  
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**Current Position:**

Associate Professor of History  
Alumni Distinguished Undergraduate Professor.  
(Interim) Associate Head, History  
Director of Undergraduate Programs & Director of Advising, History  
Director, Jefferson Scholars Program

**Education:**

Ph.D., Evolutionary Biology, Cornell University, 1983.  
M.S., Ecology & Evolutionary Biology, Cornell University, 1979.  
B.A., Biology, Rice University, 1973.

**Publications:**

- Modern evolutionary synthesis. In James Trefil, ed., *Discoveries in Modern Science: Exploration, Invention, Technology*, pp. 710-23. Farmington Hills, Michigan: Macmillan, 2015.
- The Origin of Species*. In James Trefil, ed., *Discoveries in Modern Science: Exploration, Invention, Technology*, pp. 831-33. Farmington Hills, Michigan: Macmillan, 2015.
- Reaction to *The Origin of Species*. In James Trefil, ed., *Discoveries in Modern Science: Exploration, Invention, Technology*, pp. 833-37. Farmington Hills, Michigan: Macmillan, 2015.
- Kimler, William C. and Michael Ruse. 2013. Mimicry and Camouflage. In M. Ruse (ed.), *Darwin and Evolutionary Thought*, pp. 139-56. Cambridge: Cambridge University Press.
2009. Henry Walter Bates. In Michael Ruse & James Travis (ed.), *Evolution: The First Four Billion Years*, pp. 444-47. Cambridge, MA: Harvard University Press.
2000. Reading Morgan's Canon: Reduction and unification in forging a science of the mind.

*American Zoologist* 40: 853-61.

- Jackson, James R. and William C. Kimler. 1999. Taxonomy and the personal equation: The historical fates of Charles Girard and Louis Agassiz. *Journal of the History of Biology* 32: 509-555.
1998. Ecology: Disciplinary history. *Sciences of the Earth: An Encyclopedia of Events, People, & Phenomena*, pp. 219-25. [Garland Encyclopedias in the History of Science]. New York: Garland Publishing.
1998. Evolution and the geosciences. *Sciences of the Earth: An Encyclopedia of Events, People, & Phenomena*, pp. 238-43. [Garland Encyclopedias in the History of Science]. New York: Garland Publishing.
1990. Warder Clyde Allee. *Dictionary of Scientific Biography (Supplement II)* 17: 16-18. New York: Charles Scribner's Sons.
1990. Marston Bates. *Dictionary of Scientific Biography (Supplement II)* 17: 51-53. New York: Charles Scribner's Sons.
1990. Rachel Carson. *Dictionary of Scientific Biography (Supplement II)* 17: 142-43. New York: Charles Scribner's Sons.
1990. Waldo Lee McAtee. *Dictionary of Scientific Biography (Supplement II)* 18: 580-81. New York: Charles Scribner's Sons.
1990. Edward Bagnall Poulton. *Dictionary of Scientific Biography (Supplement II)* 18: 721-27. New York: Charles Scribner's Sons.
1990. Victor Ernest Shelford. *Dictionary of Scientific Biography (Supplement II)* 18: 811-13. New York: Charles Scribner's Sons.
1988. Edward O. Wilson. *McGraw-Hill Encyclopedia of World Biography*. 15: 559-60. Palatine, Illinois: Jack Heraty & Associates.
1987. Julian Huxley. *McGraw-Hill Encyclopedia of World Biography* 14: 208-209. Palatine, Illinois: Jack Heraty & Associates.
1987. Ernst Mayr. *McGraw-Hill Encyclopedia of World Biography* 14: 467-68. Palatine, Illinois: Jack Heraty & Associates.
1986. Advantage, adaptiveness, and evolutionary ecology. *Journal of the History of Biology* 19: 215-33.

1983. Mimicry: Views of naturalists and ecologists before the Modern Synthesis. In Marjorie Grene (ed.), *Dimensions of Darwinism*, pp. 97-127. Cambridge and New York: Cambridge University Press.

### **Selected Reviews:**

2014. Review of Peter Bowler, *Darwin Deleted: Imagining a World without Darwin*, Chicago: University of Chicago Press, 2013. *Reports of the National Center for Science Education*, in press.

2012. Essay Review: Case Studies, Controversy and the 'Fieldworker's Regress'. *Annals of Science* 69: 127-132.

2010. Review of Iain McCalman, *Darwin's Armada: Four Voyages and the Battle for the Theory of Evolution*, New York: W. W. Norton, 2009. *Journal of World History* 21:158-60.

2008. Review of *Origins: Selected Letters of Charles Darwin, 1822–1859*, Anniversary ed., Frederick Burkhardt, ed, New York: Cambridge University Press, 2008; and *Evolution: Selected Letters of Charles Darwin, 1860–1870*, Frederick Burkhardt, Samantha Evans, and Alison M. Pearn, eds., New York: Cambridge University Press, 2008. *Integrative and Comparative Biology* 48 (2008): 874-75.

2005. Review of Carl von Linné [Linnaeus], *Nemesis Divina*. Edited and translated with explanatory notes by M. J. Petry. (Archives Internationales d'Histoire des Idées, 177; Dordrecht, Boston and London: Kluwer Academic Publishers, 2001), *British Journal for the History of Science* 38: 227-28.

2004. Review of John A. Moore, *From Genesis to Genetics: The Case of Evolution and Creationism* (Berkeley: The University of California Press, 2002), *Isis* 95:337-38.

2003. Rebanar la sexualidad con una hoja darwiniana. *El Mercurio* (Santiago de Chile), 2 March 2003: E14-15.

2003. Review of Ernst Mayr, *What Evolution Is* (New York: Basic Books, 2001). *Configurations* 11: 272-74.

2003. Review of Margaret Martin, *A Long Look at Nature: The North Carolina State Museum of Natural Sciences* (Chapel Hill: University of North Carolina Press, 2001). *The North Carolina Historical Review* 80: 119-20.

2002. Review of Gail Fishman, *Journeys through Paradise: Pioneering Naturalists in the Southeast* (Gainesville: University Press of Florida, 2001). *North Carolina Historical Review* 79: 109-110.

2001. Review of Michael A. Salmon, *The Aurelian Legacy: British Butterflies and their Collectors, with additional material by Peter Marren and Basil Harley* (Berkeley: University of California Press, 2000). *Journal of the History of Biology* 34: 595-96.
2000. Review of Lester D. Stephens, *Science, Race, and Religion in the American South: John Bachman and the Charleston Circle of Naturalists, 1815-1895* (Chapel Hill: University of North Carolina Press, 2000). *North Carolina Historical Review* 77: 389-90.
1999. *Ever Since Adam and Eve* slices human sexuality with a Darwinian blade [essay review of Malcolm Potts and Roger Short, *Ever Since Adam and Eve* (Cambridge: Cambridge University Press, 1999)]. *American Scientist* 87: 362-66.
1997. Tracing evolutionary biology's intellectual phylogeny [a review of Peter J. Bowler, *Life's Splendid Drama: Evolutionary Biology and the Reconstruction of Life's Ancestry, 1860-1940* (Chicago: University of Chicago Press, 1996)]. *American Scientist* 85: 177-78.
1995. Review of Mark Adams (ed.), *The Evolution of Theodosius Dobzhansky: Essays on his life and thought in Russia and America* (Princeton: Princeton University Press, 1994). *Metascience* 6.
1995. Review of John A. Moore, *Science as a Way of Knowing: The foundations of modern biology* (Cambridge: Harvard University Press, 1993). *Metascience* 6.
1995. Review of Ronald Numbers, *The Creationists* (New York: Alfred A. Knopf, 1992). *Bulletin of the History of Medicine* 69: 319-21.
1994. Review of Peter J. Bowler, *Darwinism* (New York: Twayne Publishers, 1993). *Isis* 85: 713.
1993. Provocative pluralism [Review of John Dupré, *The Disorder of Things: Metaphysical Foundations of the Disunity of Science* (Harvard University Press, 1993)]. *Metascience* 4 [n.s.]: 84-6.
1993. Keys to science [Review of Evelyn Fox Keller and Elisabeth A. Lloyd (eds.), *Keywords in Evolutionary Biology*, Cambridge, Massachusetts: Harvard University Press, 1992], in *Metascience* 3 [n.s.]: 143-45.
1991. Darwin's life and thought [Review of *The Correspondence of Charles Darwin*, Cambridge University Press, 1991]. *American Scientist* 79: 457-59.

#### **Grants, Awards, Fellowships:**

Stiffel Teaching Fellow, Shoals Marine Laboratory, Cornell University, 2003 and 2004.

National Science Foundation. Co-investigator on SUCCEED project, "Integrating the Humanities with Engineering", NCSU, 1995-96.

American Philosophical Society. Travel to Archives stipend, 1990.

Faculty Research and Professional Development Award, North Carolina State University, 1987-88.

National Endowment for the Humanities, Travel to Collections Grant, 1985.

NATO Postdoctoral Fellowship, History & Philosophy of Science, 1983-84.

### **Recent Honors:**

NC State University Alumni Distinguished Undergraduate Professor, 2006-.

Nominated and inducted as Full Member of Sigma Xi, the Scientific Research Society.

Member, NC State Academy of Outstanding Teachers, 2001- .

NC State Outstanding Teacher for 2000-01.

NC State College of Humanities & Social Sciences Outstanding Teacher, 2000-01.

### **Previous Positions Held:**

Assistant Professor, Department of History, North Carolina State University, 1986-92.

Acting Assistant Professor, Department of History and Program on Science, Technology and Society, Cornell University, 1985.

NATO Postdoctoral Fellow (History and Philosophy of Science), The University of Leeds, Leeds, England, 1983-84.

Adjunct Faculty, Humanities, Rochester Institute of Technology, 1981-82.

Lecturer, Department of History, Cornell University, 1980-81.

Part-time Lecturer, Department of History, Cornell University, 1979-80.

Biologist, Grade 24, Texas Instruments Incorporated: Ecological Services branch, 1973-75.

### **Courses Taught:**

History of the Life Sciences

Darwinism in Science and Society

New Technologies in Social and Cultural Contexts  
Evolution and the Meaning of Humanity (Master of Liberal Studies seminar)  
Perspectives in Agricultural History (Jefferson Scholars Freshman Seminar)  
Biology in History (graduate seminar)  
Reading Darwin (Zoology graduate seminar)  
The Body in History (History Senior Seminar)  
Food and Drugs in American History (History Senior Seminar)  
History of Modern Biology  
The History of Behavioral Biology  
The Rise of Modern Science  
Ancient and Medieval Science  
Scientific Revolutions, from Newton to Molecular Biology  
History of Science, 1600 - Present  
Introduction to Western Civilization (Discussion/Writing Section)  
Ecology of Animal Behavior  
General Ecology (Discussion Section)  
Introductory Biology - Laboratory

**Professional Organization Memberships:**

History of Science Society  
British Society for the History of Science  
International Society for the History, Philosophy & Social Studies of Biology  
Interdisciplinary Nineteenth-Century Studies  
Ecological Society of America  
Sigma Xi, the Scientific Research Society

**Professional Activities:**

Research Faculty, Genetic Engineering in Society IGERT program, NC State University, 2011 - .  
Research Faculty, W. M. Keck Center for Behavioral Biology, NC State University, 2005-.  
Associate Faculty, Duke University History and Philosophy of Science, Technology, and  
Medicine graduate certificate, 2005-.  
Jefferson Scholars Director and Faculty Mentor, North Carolina State University, 1992-.  
Review Panel, National Research Council, Associateship and Fellowship Programs, 1988.  
Book review selection adviser to *American Scientist* (Sigma Xi), 1997-2007.  
Honors Program Director, Department of History, North Carolina State University, 1988-92;  
1997-98.

Member, Historical Records Committee of the Ecological Society of America, 1987-95.

Co-organizer, Symposium on the History of Ecology: Motivations for Ecological Research, Ecological Society of America 75th Anniversary Meeting, July, 1990.

### **Recent Invited Seminars and Conferences:**

Zahner Conservation Lecture, Highlands Biological Station, August 2014, Topic: Amazonian Naturalists, Artists, and the Idea of the Tropics.

Science, Technology & Society Seminar, NC State, January 2015, Topic: Parables and Reputations: What the Shifting Images of Alfred Russel Wallace and Charles Darwin Can Tell Us about Scientific Practice.

National Association of Biology Teachers, “NESCENT/BEACON Evolution Symposium: Wallace, Islands, and Biogeography 100 Years Later,” November 2013, Topic: Alfred Russel Wallace and the Limits of Natural Selection.

Keynote Speaker, 25<sup>th</sup> Annual Graduate History Forum, UNC-Charlotte, April 2013. Topic: In the Footsteps of Humboldt: Art, Travel, and Tropical Ecology.

Genetics Department, NC State University, November 2012. Topic: Mimetic Butterflies and Darwin's Explanation of Adaptation.

Florida State University Program in History & Philosophy of Science, October 2011. Topic: Mimicry and the Debates over Natural Selection.

International Society for the History, Philosophy, and Social Studies of Biology, July 2011. Topic: Narratives and Visual Representations in a Persistent Vision of Tropical Abundance.

“Visualizing Narrative; Narrativizing the Visual” Conference, NC State, March, 2010. Topic: Envisioning the Tropics: Domesticating the Exotic through 19th-century Popular Natural History.

Freshman Focus Seminar (The Power of Ideas), Duke University, December, 2009. Topic: Interdisciplinarity, Scientific Reasoning, and the Accomplishment of Charles Darwin.

History of Science Society, November, 2009. Topic: Commentary: Popularizing and Policing ‘Darwinism’.

Division of Biological Sciences, Clemson University, August, 2008. Topic: What Science Studies Has to Say about the Creationism-Evolution Debate.

Darwin Day, Zoology Department & Keck Center for Behavioral Biology, NC State, February, 2007. Topic: Charles Darwin and the Image of ‘Genius’.

History of Science Society, November, 2006. Topic: “Commentary: Discipline Formation in the Plant Sciences.”

Darwin Day, Clemson University, February, 2006. Topic: Darwin and the Reception of Darwinism in Historical Context.

International Society for the History, Philosophy, and Social Studies of Biology, University of Guelph, Canada, July, 2005. Topic: The Hope Entomological Collection as an Ecological Tool.

Keck Center for Behavioral Biology, October, 2004. Topic: Darwinism Now and Then.  
Entomology Department, North Carolina State University, April, 2004. Topic: Insects, Design, and Darwin.  
Zoology Department, Duke University, October, 2002. Topic: Darwin as Image and Symbol.  
Interdisciplinary Nineteenth-Century Studies 17th Annual Conference: Nineteenth-Century Knowledges, George Mason University, April, 2002. Topic: Popular Natural History and Visions of Tropical Ecology.  
Biology Department, Western Carolina University, September, 2001. Topic: Mimicry and Early Debates over Natural Selection.  
British Society for the History of Science, Symposium on Edwardian Science, Oxford, May, 2001. Topic: The Domestication of Exotic Entomology: The Hope Museum, 1893-1913.  
Zoology & Genetics Departments, North Carolina State University, February, 2001. Topic: Morgan's Canon and the Question of Animal Mind.

### **Recent Public Lectures:**

Guest on Tom Kearney Show, WPTF Radio, February and April 2015. Topic: The Discovery of Evolution & The Nature of Scientific Controversy.  
Darwin Day Lecture, NC Museum of Natural Science, February, 2013. Topic: The Life of Darwin: Fact and Myth.  
NC State University/NC Museum of Natural Science "Pint o' Science" program, February 2013. Topic: Darwin's Legacy.  
Guest on Tom Kearney Show, WPTF Radio, February, 2013. Topic: Darwinian Impacts.  
Darwin Day Lecture, NC Museum of Natural Science, February, 2012. Topic: The Discovery of Evolution.  
Guest on Tom Kearney Show, WPTF Radio, February, 2012. Topic: Darwinian Controversies.  
English Speaking Union tour, Fall, 2012. Topic: Darwin and Empire.  
PopMED Seminar, NC State Veterinary College / UNC-CH Medical School, March, 2011. Topic: Natural History, Lab Science, and the Study of Animal Mind.  
Darwin Day Lecture, NC Museum of Natural Science, February, 2011. Topic: Genius or Lucky Fellow? Darwin's Discovery of Natural Selection.  
Session paper, American Historical Association, January, 2011. Topic: Envisioning the Tropics: Domesticating Exotic Places through Nineteenth-century Popular Natural History.  
American Scientist podcast, October, 2010. Topic: Images of Darwin and the Nature of Science.  
Conference paper for "Visualizing Narrative; Narrativizing the Visual," NC State, March, 2010. Topic: Envisioning the Tropics: Domesticating the Exotic through 19th-century Popular Natural History.  
Science Café, NC Museum of Natural Sciences, March, 2010. Topic: Darwin and the Path to Discovery.  
Faculty Current Research, NCSU Librarians Association, December 2010. Topic: Charles Darwin and the Image of Genius, Then and Now.  
Panelist, University Theatre, November, 2009. Topic: Comments on "Re: Design" by Craig Baxter.



Friends of the Arboretum Lecture, JC Raulston Arboretum, May, 2009. Topic: The Genius of Charles Darwin: From Natural History to a New Biology.

Guest on Tom Kearney Show, WPTF Radio, February, 2009. Topic: Darwin on His 200<sup>th</sup> Birthday.

North Carolina Botanical Garden, Darwin Day, February, 2008. Topic: Darwin the Botanist.

Workshop presenter for Darwin Day, Clemson University, February, 2006.

Governor's School of North Carolina, Meredith College, June, 2004. Topic: Scale & Context: An Ecological Metaphor for History.

Governor's School of North Carolina, Meredith College, June, 2003. Topic: Evolutionism as a Model for History.

Thomas Jefferson Scholars Program, North Carolina State University, January, 2003, Topic: Behavior and the Mind: A History of Animal-Human Comparisons.

Botany Club, North Carolina State University, September, 2002. Topic: Tropical Naturalists and Visions of Tropical Ecology.

Governor's School of North Carolina, Meredith College, June 2002. Topic: Evolutionism as a Model for History.

Career Day, Smithfield-Selma High School, February, 2002. Topic: The Historian.

Friends of the Library, North Carolina State University, September, 2001. Opening Lecture for the Special Collections Bug-O-Rama exhibit. Topic: Tropical Passions: European Explorers and Bug Collectors.

Lecture for the Phi Alpha Theta Induction Ceremony, NC State, May, 2001. Topic: The Attractions of Bad History.

Career Day, Smithfield-Selma High School, February, 2001. Topic: The Historian.

Friends of the Library, North Carolina State University, September, 2000. Opening Lecture for the Special Collections exhibit 'A Victorian Renaissance Man: John Obadiah Westwood'. Topic: The Dilemmas of J. O. Westwood — God, Nature, and Oxford in the Age of Darwinism.

Friends of the Library, North Carolina State University, September, 2000. Panel Member for 'Bug-o-Rama' film-showing event. Topic: Insects and the Imagination.