

## Denise Phillips

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### EDUCATION

Ph.D. in History of Science, Harvard University, 2004

Advisor: Everett Mendelsohn; Dissertation: "Building a Natural Scientific Age: Science and Public Culture in Germany, 1770-1850"

Fulbright Student Fellow, Humboldt University, Germany, 1996-97  
Coursework in biology and history

B.A. *summa cum laude* with Distinction in History, Duke University, 1996  
Major: History; Minor: German Literature

### PROFESSIONAL APPOINTMENTS

Associate Professor, Department of History, University of Tennessee  
2012–Present

Assistant Professor, Department of History, University of Tennessee  
2004–2012

### PUBLICATIONS

#### Books

Denise Phillips and Sharon Kingsland, eds. *New Perspectives on the History of Life Sciences and Agriculture*. Berlin: Springer, 2015.

*Acolytes of Nature: Defining Natural Science in Germany, 1770-1850*. Chicago: University of Chicago Press, 2012.

#### Articles

"Bacon among the Germans: Stories from when 'Science' meant '*Wissenschaft*'." In "Languages of Science," edited by Michael Gordin and Konstantinos Tampakis. Special issue, *History of Science*, in press.

"Academies and Societies." *Blackwell Companion for the History of Science*, edited by

Bernard Lightman. London: Wiley-Blackwell, in press.

“Trading Epistemological Insults: ‘Positive Knowledge’ and Natural Science in Germany, 1800-1850.” In *Positivism, Power and Enlightenment: the Politicization of the Scientific Worldview*, edited by Franz L. Fillafer and Jan Surman. New York: Palgrave, forthcoming.

“Plants and Places: Agricultural Knowledge and Plant Geography in Germany, 1750 to 1810.” *New Perspectives on the History of Life Sciences and Agriculture*, edited by Denise Phillips and Sharon Kingsland, 9-28. Berlin: Springer, 2015.

“Reconsidering the *Sonderweg* of German Science: Biology and Culture in the Nineteenth Century [Essay Review].” *Historical Studies in the Natural Sciences* 40, no. 1 (2010): 136-147.

“Epistemological Distinctions and Cultural Politics: Educational Reform and the *Naturwissenschaft/ Geisteswissenschaft* Distinction in Nineteenth-Century Germany.” In *Historical Perspectives on Erklären and Verstehen*, edited by Uljana Feest, 15-35. Berlin: Springer, 2010.

“Science, Myth and Eastern Souls: J. S. C. Schweigger and the Society for the Spread of Natural Knowledge and Higher Truth.” In “Global Science and Comparative History: Jesuits, Science, and Philology in China and Europe, 1550-1850.” Special issue, *East Asian Science, Technology and Medicine* 26 (2007): 40-67.

“Friends of Nature: Urban Sociability and Regional Natural History in Dresden, 1800-1850.” *Osiris* 18 (2003): 43-59.

“Building Humboldt’s Legacy: the Humboldt Memorials of 1869 in Germany.” In “Proceedings: Alexander von Humboldt’s Natural Historical Legacy and its Relevance for Today.” *Northeastern Naturalist*. Suppl. no. 1 (2001): 21-32.

## **Reviews**

Review of *Hans Christian Ørsted: Reading Nature’s Mind*, by Dan Ch. Christensen. *International Studies in the Philosophy of Science* 28, no. 3 (2014):1-3.

Review of *Wissen, Arbeit, Freundschaft. Ökonomien und soziale Beziehungen an den Akademien in London, Paris und Berlin um 1700*, by Sebastian Kühn. *Centaurus* 54, no. 3 (2012): 256.

“The Private Life of Public Ideas.” Review of *Vienna in the Age of Uncertainty* by Deborah Coen. *Endeavor* 33, no. 3 (2009): 82.

Review of *Beiträge zur Geschichte der Martin-Luther-Universität*, edited by Hermann-J. Rupieper. *Isis: An International Review Devoted to the History of Science and its*

*Cultural Influences* 95, no. 4 (2004): 684-685.

Review of *Animals in the Third Reich*, by Boria Sax. *Journal of Interdisciplinary History* 33, no. 3 (2002): 479-480.

### **ACADEMIC HONORS AND FELLOWSHIPS**

Franklin Research Award, American Philosophical Society (2015)

David and Kathryn White Teaching Award, History Department, University of Tennessee (2015)

Professional Development Award, University of Tennessee (Summer 2006; Summer 2011, declined; Summer 2015)

Leroy P. Graf Award for Faculty Excellence, History Department, University of Tennessee (2013-2014)

Chancellor's Research Award for Grant Preparation, University of Tennessee (Spring 2014)

Fulbright Scholar Award (Spring and Summer 2012)

German Academic Exchange Service Research Visit Grant (Fall 2011)

Herzog Ernst Fellowship of the Fritz Thyssen Foundation (August-September 2011)

American Philosophical Society Franklin Research Travel Award (Summer 2011, declined)

Chancellor's Research Award for Grant Preparation, University of Tennessee (Fall 2008)

National Science Foundation Graduate Fellowship (1998-2003)

Predocorral Fellowship, Dibner Institute for the History of Science, Cambridge, MA, (2001-2002)

Summer Research Grant, Center for European Studies, Harvard University (Summer 2001)

Harvard Graduate School of Arts and Sciences Merit Fellowship (2000-2001)

Bertram J. and Barbara B. Cohn Dissertation Fellowship for Environmental Studies (2000-2001)

Dissertation Research Grant, German Academic Exchange Service (Summer and Fall 2000)

Visiting Student Fellow at the Max Planck Institute for the History of Science, Berlin, Germany (Fall 2000)

Mellon Fellowship in the Humanities (1997-98)

Fulbright Student Fellowship, Humboldt University, Berlin, Germany (1996-1997)

Phi Beta Kappa, Duke University

### **INVITED LECTURES**

"The Enlightenment's Most Famous Peasant: Kleinjogg, Moral Philosophy and Agricultural Improvement in the 1760s." Department of History, **Vanderbilt University**, November 2015.

“Bacon among the Germans: Stories from when ‘Science’ meant ‘*Wissenschaft*’.” Fung Global Fellows Program Lecture Series, **Princeton University**, March 2014.

“Defining Natural Science: Expertise and Cultural Authority in Germany, 1770-1850.” Department of History, **University of Notre Dame**, February 2013.

“Acolytes of Nature: Defining Natural Science in Germany, 1770-1850.” Department of History, **Sewanee, the University of the South**, February 2013.

“Quantification, Commerce, and the Science of Farming in Germany, 1790-1870.” Workshop on the Mathematization of Nature, Center for Interdisciplinary Research, **University of Bielefeld**, Bielefeld, Germany, August 2012.

“Serving the State, Recasting Nature: Agricultural Expertise, Citizenship, and Political Power in Germany, 1750-1850.” Department of the History of Science, Medicine and Technology, **University of Wisconsin-Madison**, December 2011.

“The Philosophical Farmer: Expertise and Agricultural Productivity in Enlightenment Germany.” **University of Erfurt**, Research Center for Cultural and Social Scientific Studies in Gotha, Gotha, Germany, September 2011.

“Bacon among the Germans, Fichte among the Brits: ‘Science’ and ‘*Wissenschaft*’ in Comparative Perspective.” Department for the History of Science and Technology, **The Johns Hopkins University**, November 2010.

“Science, Myth and Eastern Souls: J. S. C. Schweigger and the Society for the Spread of Natural Knowledge and Higher Truth.” Workshop at **Princeton University**, Science Across the Seas: Global Science and Comparative History, December 2002.

“Citizenship and Natural Science: German Civic Scientific Societies and the Revolution of 1848.” Graduate Seminar on “Experts and Expertise in Modern Industrial Culture,” **University of Wisconsin-Madison**, Fall 2001.

## **CONFERENCE AND WORKSHOP PRESENTATIONS**

“Advertising and Enlightenment: Commercial Communication and the Practical Sciences in Eighteenth- and Early Nineteenth-Century Germany.” [Panel organizer: "Producing Knowledge, Promoting Products: Advertising, Commercial Communication and the Practical Sciences in Comparative Global Perspective, 1750-1950".] **History of Science Society**, San Francisco, November 2015.

"Rural Children and the Wisdom of the Countryside: Kleinjogg's Family as an Exemplar in the Enlightenment." Invited workshop presentation at **Sewanee, the University of the South**, “Pedagogy, Place and the Nature(s) of Childhood, c. 1700 – 1900,” October 2015.

“Enlightened Debates about Fruit and Vegetable Gardening in Germany, 1750-1800.” **World Congress for Environmental History**, Guimaraes, Portugal, July 2014.

“God and the Countryside: Agricultural Science, Faith and Reform in German-Speaking Lands, 1780-1840.” Invited workshop presentation at **Notre Dame University**, “Faith, Reason, and Science Before Darwin,” March 2014.

“Agricultural Science as an Academic Project: Epistemic Authority, the Universities, and the Market in Germany, 1800-1860.” **Social Science History Association Annual Meeting**, Chicago, November 2013.

“Pomona’s Gifts: Enlightened Debates about Fruit and Vegetable Gardening, 1750-1800.” **Conference of the European Society for Environmental History**, Munich, Germany, August 2013.

“The Science of People, Plants and Places: Agricultural Knowledge and Plant Geography in Germany, 1750 to 1810.” Workshop presentation at **Johns Hopkins University**, “Life Sciences, Environment and Agriculture,” June 2013 [conference co-organizer].

“Natural History and Agriculture in the German Enlightenment.” Invited workshop presentation at the **University of South Carolina**, “Nature Observed: the History of Natural History,” April 2013.

“Natural Historical Knowledge and Agricultural Experimentation: Theory and Practice in the German Enlightenment.” **History of Science Society Annual Meeting**, San Diego, CA, November 2012.

“In the Clover: Luxury, Expertise and Agricultural Productivity in Germany, 1750-1800.” **History of Science Society Annual Meeting**, Cleveland, OH, November 2011.

“The Natural History of the German People: The Descriptive Sciences and the German Nation, 1750-1850.” **German Studies Association Annual Meeting**, Washington, DC, October 2009.

“Positive Knowledge: the History of a Category in *Vormärz* Intellectual Culture.” Workshop presentation at the **Austrian Academy of Sciences**, “Positivismus/ Macht/ Aufklärung: Zur Politisierung der naturwissenschaftlichen Weltauffassung,” September 2009.

“Breaking Up Paradigms: Science Studies and the History of the Senses.” **Southeast German Studies Workshop**, University of South Carolina, March 2009.

“Science, Passion and Intimacy in the Eighteenth and Early Nineteenth Century.” **Southeast German Studies Workshop**, University of South Carolina, March 2008.

“Science and Liberalism in Germany, 1820-1850.” **American Historical Association Annual Meeting**, Atlanta, GA, January 2007.

“Epistemological Distinctions and Cultural Politics: Educational Reform and the

*Naturwissenschaft/ Geisteswissenschaft* Distinction in Mid-Nineteenth-Century Germany.” Workshop presentation at the **Max Planck Institute for the History of Science**, Berlin, “Historical Perspectives on Erklären and Verstehen,” June 2006.

“The Countryside through Urban Eyes: Natural History, Taste and Regional Tourism in Germany.” **History of Science Society Annual Meeting**, Minneapolis, MN, November 2005.

“*Freunde and Naturforscher*: Emotion, Intimacy, and Rational Communication in Late Eighteenth- and Early Nineteenth-Century German Natural Science.” **German Studies Association Annual Meeting**, Milwaukee, WI, October 2005.

“Regional Tourism and the Saxon Countryside: Science, Taste, and Perceptions of Nature, 1770-1830.” **Conference of the European Society for Environmental History**, Florence, Italy, February 2005; also presented at the **German Studies Association Annual Meeting**, Washington, DC, October 2004.

“Cosmopolitan Exchange and Local Spaces: Printed Text and Spoken Word in Late Eighteenth and Early Nineteenth-Century German Science.” **History of Science Society Annual Meeting**, Milwaukee, WI, November 2002.

“The Public Specialist: Gender, Skill and Sensibility in Early Nineteenth-Century German Botany.” **Joint Atlantic Seminar for the History of Biology**, Harvard University, April 2002.

“The Generality of Language and the Particularity of Science: Natural History and *Bildung* in Germany, 1815-1850.” **History of Science Society Annual Meeting**, Denver, November 2001.

“*Gäa* and the State: Science, Nature and Political Identity in Germany, 1800-1850.” **German Studies Association Annual Meeting**, Washington, DC, October 2001.

“Citizenship and Science: German Civic Scientific Societies and the Revolutions of 1848.” **History of Science Society Annual Meeting**, Vancouver, November 2000.

“Being *Wissenschaftlich*: Natural Science in the German *Verein*, 1820-1840.” **Joint Atlantic Seminar for the History of Biology**, Princeton University, March 2000.

## **TEACHING AND ADVISING**

### **Department of History, University of Tennessee:**

#### **Undergraduate Courses:**

History 242: Western Civilization from 1715

History 307: Honors Research Methods

History 334: History of Germany to 1815

History 373: The Scientific Revolution  
History 431: Modern European Intellectual History  
History 499: Science and Religion in Modern Europe

**Graduate Courses:**

History 510: Foundations of Graduate Study in History  
History 532: Readings in Modern German History, 1648-1848  
History 533: The History of Civil Society: Public Life in Europe, 1750-1950  
History 533: Knowledge, Economics and the Environment in Europe, 1600-1900  
History 632: Research Seminar on Knowledge in Modern Europe

**Graduate Advising:**

Doctoral Committee Work: As a committee member: Michael McConnell (2015), Jordan Kuck (2013), Tracey Hayes Norrell (2010)

MA Committee Work: As primary adviser: Wynne Channel (2011), Meghan Jackson (2010), Kara Fromke (2007)

**Department of the History of Science, Harvard University**

“Collecting Nature: Natural History in Western Culture, 1200-2000”  
(Junior Seminar, Spring Semester, 2001)

Served as a Teaching Fellow for the History of Science Sophomore Tutorial, (Fall and Spring Semester, 2003 – 2004) and for the an upper-division course on the history of modern biology (Fall Semester, 1999)

**PROFESSIONAL SERVICE**

**University of Tennessee**

Director of Graduate Studies, Department of History, 2014-present  
Dean’s Advisory Committee, College of Arts and Sciences, 2012-2015  
Chair, Graduate Committee, Department of History, 2012-2013, 2013-2014  
Chair, Ad-Hoc Committee on History 510 (Introduction to Historical Methods),  
Fall 2010  
Chair, History Department Ad-Hoc Committee on Mentoring, Fall 2007  
Faculty Advisory Committee for the Office of External Scholarships, 2007-2008  
UT Internal Review Board, 2007-2008  
Core Faculty, German Studies Research Group, University of Tennessee, 2004-2013  
Core Faculty, University Colloquium in the History and Philosophy of Science,  
University of Tennessee, 2004-2010.  
Core Faculty, Transatlantic Enlightenment Workshop, University of Tennessee, Spring  
2006; 2014-present.

**Harvard University**

Coordinator, Life Sciences Working Group, Department of the History of Science,

Harvard University, 1998-1999; participant, 1997-2004.  
Coordinator and participant, Dissertation Writing Group, 2000-2004

**Disciplinary Service**

External reviewer for *Agricultural History*, *History of Political Economy*, *Science in Context*, Pickering and Chatto Press, the Northern Illinois University Press, and Oxford University Press

Reviewed summer course proposal for the Central European University, Budapest, Hungary