

## Curriculum Vitae of WILLIAM T. LYNCH

Interdisciplinary Studies Program  
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### Current Position

Assistant Professor, Interdisciplinary Studies Program, Wayne State University, Detroit, Michigan

### Recent Position

Postdoctoral Research Fellow, Max Planck Institute for the History of Science, Berlin, Germany, January-August, 1999

### Education

Cornell University, Ithaca, New York  
Ph.D., Science and Technology Studies, May 1996  
M.A., Science and Technology Studies, May 1993

Virginia Polytechnic Institute and State University,  
Blacksburg, Virginia  
M.S., Science and Technology Studies, December 1989

Rensselaer Polytechnic Institute, Troy, New York  
B.S., Physics, August 1987

### Books

**Solomon's Child: Baconian Method in the Early Royal Society of London**, Stanford University Press, Writing Science series, 2001.

### Books, Edited

Thomas Brante, Steve Fuller, and William Lynch, eds., **Controversial Science: From Content to Contention**, Albany: State University of New York Press, 1993.

### Publications

"The Ghost of Wittgenstein: Forms of Life, Scientific Method, and Cultural Critique," **Philosophy of the Social Sciences**, forthcoming.

"Beyond Cold War Paradigms for Science and Democracy" (review essay of Steve Fuller, **Thomas Kuhn: A Philosophical History for Our Times**), **Minerva**, 2003, 41 (2), in press.

"Engineering Practice and Engineering Ethics," **Science, Technology & Human Values** (with Ronald Kline), 25 (2), 2000, 195-224.

"Teaching Engineering Ethics in the United States," **IEEE Technology & Society Magazine**, 16 (4), 1997-98, 27-36.

"Ideology and the Sociology of Scientific Knowledge," **Social Studies of Science**, 24 (2), 1994, 197-227.

"What Does the Double Hermeneutic Explain/Justify?," **Social Epistemology**, 7 (2), 1993, 193-204.

"Reply to Harbers and De Vries," **Social Epistemology**, 7 (2), 1993, 209-211.

"Ethnomethodology as Technocratic Ideology: Policing Epistemic Boundaries," **Science, Technology & Human Values**, (with Ellsworth Fuhrman), 17 (2), 1992, 234-36.

"Politics in Hobbes' Mechanics: The Social as Enabling," **Studies in History and Philosophy of Science**, 22 (2), 1991, 295-320.

"Recovering and Expanding the Normative: Marx and the New Sociology of Scientific Knowledge," **Science, Technology & Human Values**, (with Ellsworth Fuhrman), 16 (2), 1991, 233-48.

"Arguments for a Non-Whiggish Hindsight: Counterfactuals and the Sociology of Knowledge," **Social Epistemology**, 3 (4), 1989, 361-65.

### **Book Reviews**

Barbara J. Shapiro, **A Culture of Fact: England, 1550 – 1720**. Reviewed in **Metascience**, forthcoming.

R. C. Olby, G. N. Cantor, J. R. R. Christie, and M. J. S. Hodge, eds., **Companion to the History of Modern Science**. Reviewed in **The Eighteenth Century**, forthcoming.

Stephen H. Cutcliffe and Carl Mitcham, eds., **Visions of STS: Counterpoints in Science, Technology, and Society Studies**. Reviewed in **Science, Technology & Human Values**, 28 (2), 2003, 26-31.

Alexander Bird, **Thomas Kuhn**. Reviewed in **Isis**, 93 (4), 2002, 665-666.

Galileo Galilei, **Galileo on the World Systems: A New Abridged Translation and Guide**. Translation and Guide by Maurice A. Finocchiaro. Reviewed in **Isis**, 90 (3), 1999, 595-96.

Rosa Lynn B. Pinkus, Larry J. Shuman, Norman P. Hummon, and Harvey Wolfe, **Engineering Ethics: Balancing Cost, Schedule, and Risk--Lessons Learned from the**

**Space Shuttle** and Diane Vaughan, **The Challenger Launch Decision: Risky Technology, Culture, and Deviance at NASA**. Reviewed in *Isis* (with Ron Kline and Jamey Wetmore), 89, 1998, 761-63.

Christa Jungnickel and Russell McCormach, **Cavendish**. Reviewed in *Isis*, 89, 1998, 548-49.

Andrew Pickering, **The Mangle of Practice: Time, Agency, and Science**. Reviewed in *Historical Studies in the Physical and Biological Sciences*, 27 (1), 1996, 189-90.

Robert P. Kraynak, **History and Modernity in the Thought of Thomas Hobbes**. Reviewed in *Isis*, 83 (1), 1992, 130-31.

### **Presentations**

"Projectors in the Scientific Revolution: The Case of William Petty," Society for the Social Studies of Science annual meeting, Milwaukee, Wisconsin, November 9, 2002.

"Surveying and the Cromwellian Reconquest of Ireland," Society for the History of Technology annual meeting, Toronto, Canada, October 18, 2002.

"Seeing, Doing, and Uncovering: Interpreting Bacon's Method in the Early Royal Society of London," History of Science Society annual meeting, Denver, Colorado, November 10, 2001.

"Metaphors and Method: Historical Reflections on Science and Engineering Practice," Wayne State University Academy of Scholars Junior Lecture, March 22, 2001

Presentation on Using the Web in the Classroom, Teaching with Technology Workshop, Wayne State University, March 24, 2000.

"Mapping Up: Surveying and the Cromwellian Reconquest of Ireland," Interdisciplinary Studies Program Brown Bag Colloquium, March 22, 2000.

"Reconstructing Instrumental Skill in the Down Survey of Ireland," Society for the History of Technology annual meeting, October 8, 1999.

"Material Practice in Petty's Down Survey of Ireland," Experimental History of Science research group, Max Planck Institute for the History of Science, Berlin Germany, July 22, 1999.

Commentator, Patricia Fara, "The Apple Tree and Other Newtonian Myths," Scientific Personae Research Group, Max Planck Institute for the History of Science, February 23, 1999.

"How Science and Technology Studies Can Reform Engineering Ethics Pedagogy," Society for the Social Studies of Science, Halifax, Nova Scotia, October 30, 1998 (Chair and Organizer of Session: "Engineering Ethics").

"Analogy, Baconian Method, and the Mechanical Philosophy in Hooke's Micrographia," History of Science Society, San Diego, California, November 1997.

"Meaning, Past and Present: Persisting Narrative Interrogations of Expertise," Knowledge in Practice Workshop, Cornell University, May 2, 1997.

"The Uses of Methodological Discourse: The Case of the Early Royal Society of London," Science and Technology Studies, Cornell University, January 22, 1996.

Commentator, Session on "The Perils of Pre-Modern Practice," Doing is Believing: Credibility and Practice in Science and Technology, Cornell University, April 22, 1995.

"The Place of Science," Society for the Social Studies of Science, New Orleans, Louisiana, October 1994 (Chair and Organizer of Session: "Making a Place for Theoretical Exchanges").

Co-organizer and Commentator, Science Studies and Social Theory (2 sessions), Society for the Social Studies of Science, Bloomington, Indiana, November 1993.

"Explanation and Power in Latour," Society for the Social Studies of Science, Cambridge, Massachusetts, November 1991.

"Counterfactual Reasoning in Interpreting Scientific Discourse: The Case of Anti-Enthusiasm in Restoration England," History of Science Society, Madison, Wisconsin, November, 1991.

"Constraints on Interpretative Flexibility: Rhetoric and the Legitimation of the Early Royal Society," Science and Rhetoric Conference, Virginia Polytechnic Institute, April 20, 1991.

"Social Epistemology for Metatheory," Social Epistemology and Social Theory of Knowledge, affiliated meeting of the International Congress for the Logic, Methodology, and Philosophy of Science, Uppsala, Sweden, August 1991.

"The Failure of Disciplines," Center for the Study of Science in Society, Virginia Polytechnic Institute, November 1, 1990.

"Ideology and the Sociology of Scientific Knowledge," Society for the Social Studies of Science, Minneapolis, Minnesota, October 1990.

"Politics in Hobbes' Mechanics: A Case Study in the Sociology of Scientific Knowledge," Society for Social Studies of Science, Irvine, California, November 1989.

## **Courses Taught**

Atoms and Stars: A Historical Introduction to Physics and Astronomy, Wayne State University, Fall 1998, Fall 1999, Winter 2000, Fall 2000, Winter 2001, Fall 2001, Fall 2002, Winter 2003

Science and Religion, Internet Group Directed Study, Fall 2001, Fall 2002, Winter 2003

The Car and the City, dual graduate/advanced undergraduate course, Winter 2000, Fall 2000

Senior Seminar I and II: The Car and the City, Fall 2000

Interdisciplinary Core Seminar: The Future of Cities, Spring/Summer 2000, Fall 2002

Written Communication Skills, Wayne State University, Fall 1998, Fall 1999, Winter 2003

The History and Politics of Scientific Method, Freshman Writing Seminar, Cornell University, Spring 1997, Fall 1995, Fall 1994, Fall 1993

Section leader, Biology and Society: The Social Construction of Life, Cornell University, Fall 1997, Fall 1996

Section leader, Inventing an Information Society, Summer Honors Program for High School Students, Cornell University, Summer 1997

Section leader, Ethics and the Environment, Cornell University, Spring 1996

Reason and Revolution in Science, Virginia Polytechnic Institute, Summer 1989

### **Academic Honors**

Small Research Grant, Wayne State University, March 2002

Nominated for Bonner Award, Academy of Scholars, Wayne State University, 2002

Selected to give Academy of Scholars Junior Lecture, Wayne State University, March 22, 2001

Small Research Grant, Wayne State University, February 2001

Awarded 1998-99 Postdoctoral Research Fellowship, Max Planck Institute for the History of Science, Berlin, Germany

### **Professional Activities**

Editorial Consultant, **Social Epistemology: A Journal of Knowledge, Culture, and Policy**, 1992, vol. 6 to present.

Editorial Assistant, **Isis: An International Review Devoted to the History of Science and Its Cultural Influences**, 1994, Vol. 84, no. 1-3.

Assistant Editor, **Social Epistemology: A Journal of Knowledge, Culture, and Policy**, 1991, vol. 5.

Graduate Assistant and Participant, "Science as Cultural Practice," National Endowment for the Humanities Summer Institute, Wesleyan University, Summer 1991. Contributor to curricular document: "Teaching Science and Technology Studies: A Guide for Curricular Planners."

Managing Editor, **Technoscience**, Newsletter of the Society for Social Studies of Science, 1990.