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Research & Teaching Interests Science and the Public; 19th- and 20th-century American Science & Technology; Natural History; Social Sciences; Science & Technology Studies; Gender Studies

Current Position	2001-present	Associate Professor Department of the History of Science University of Oklahoma
		Affiliate Faculty Member
	2004-present	<i>Interdisciplinary Perspectives on the Environment</i>
	2000-present	<i>Film & Video Studies</i>
	2000-2005	<i>International & Area Studies</i>

Previous Positions	2000-2004	Associates' Presidential Professor Department of the History of Science University of Oklahoma
	1995-2001	Assistant Professor Department of the History of Science University of Oklahoma
	1994-1995	Andrew Mellon Postdoctoral Research Fellow Department of the History of Science University of Oklahoma

Education	1993	Ph.D. degree in History Science Studies University of California, San Diego
	1985-1988	History of Science (Pre-Doctoral) University of California, Los Angeles
	1983	Master's degree in Developmental Psychology Cornell University Dept. of Human Development & Family Studies
	1980	Bachelor's degree in Psychology, with Honors University of California, Los Angeles

Awards & Honors	2000-2004	Associates' Presidential Professorship University of Oklahoma
	2001-2002	Fellow, Charles Warren Center for Studies in American History Harvard University
	1994-1995	Andrew Mellon Postdoctoral Research Fellowship University of Oklahoma

Awards & Honors (con.)	1991-1993	Dissertation Fellowship Joint Award of the History Department & Science Studies Program University of California, San Diego
	1989-1990	Regents Fellowship University of California, San Diego
	1988-1989	University Fellowship University of California, Los Angeles

Publications

Books		<i>Rebels within the Ranks: Psychologists' Critique of Scientific Authority and Democratic Realities in New Deal America</i> (Cambridge U Pr, 1997)
Refereed Articles		"The Children's Republic of Science in the Antebellum Literature of Samuel Griswold Goodrich and Jacob Abbott," in Carol Harrison and Ann Johnson, eds. <i>Osiris</i> , 2009, volume 24 (forthcoming)
		"Knowledge Held in Common: Tales of Luther Burbank and Science in the American Vernacular," <i>Isis</i> , 2001, 92:484-516
		"Luther Burbank," in John A. Garraty, ed., <i>American National Biography</i> , vol. 3 (Oxford U Pr, 1999), pp. 926-927
		"Mapping the New Mental World Created by Radio': Media Messages, Cultural Politics, and Cantril & Allport's <i>The Psychology of Radio</i> ," <i>Journal of Social Issues</i> , 1998, 54:7-27
Invited Articles		"Popular Science in National and Transnational Perspective: Suggestions from the American Context," <i>Isis</i> , 2009, forthcoming
		(with Karen Rader) "Science in the Everyday World: Why Perspectives in the History of Science Matter," <i>Isis</i> , 2008, 99:350-364
Review Essays		"Diversity and Its Discontents: Scientific Surveys and the Creation of the Twentieth-Century Numeric American," <i>Reviews in American History</i> , 2007, 35:599-605 [review of Sarah E. Igo, <i>The Averaged American: Surveys, Citizens and the Making of a Mass Public</i>]
Other Articles		"Redesigning the Engineering Mind: The Revelations of the Arcturus IV Science Fiction Project at mid-century MIT," <i>Science, Technology & Society Curriculum Newsletter</i> , Spring 2006, pp. 1-7.
		"Lois Barclay Murphy: Approaching Psychology from the World of the Child," <i>Psychology of Women Newsletter</i> , November 1997, pp. 19, 30

Invited Lectures and Presentations	2007	Invited Conference Participant for "Osiris Volume Conference on Science, Technology, and National Identity" / University of South Carolina (Sept. 2007) / Respondent in session on my precirculated paper, "The Children's Republic of Science in the Antebellum Literature of Samuel Griswold Goodrich and Jacob Abbott" as well as Discussant for session on Ann Johnson's precirculated paper, "Material Experiments: Environment and Institutions in Early American Engineering"
	2007	Invited Conference Participant/Presenter: "History of Science and the Public" / Dibner Institute and Arizona State University Summer Seminar Workshop, Woods Hole Marine Biological Laboratory (May 2007) / Paper presentation: "Making Sense of Science: Views from within the 'Intellectual Commons' of Popular Culture"
	2005	Plenary on "The Public Presentation of Science and Technology" for the Joint Meeting of the History of Science Society and the Society for the History of Technology (with Roger Launius, NASA and Svante Lindqvist, the Nobel Museum) / February 2005
		-- "What Have We To Do With Mr. Everyman, or He With Us?" Reflections on Professionalism, the Public, and the Digital Age

- 2004 *Peter Parley as a Scientific American: Creating an Indigenous Literature for the Children's Republic of Science*
The Science and Technology Studies Program and the Department of History
University of California, Davis
- 2002 *"Lessons from Nature's Open Book": The Children's Republic of Science in the Antebellum Literature of Samuel Griswold Goodrich and Jacob Abbott*
Charles Warren Center for Studies in American History | Harvard University
- 2000 *Psychological Innovations, Historical Conventions, & the Politics of Memory*
Mary Whiton Calkins Lecture
American Psychological Association Annual Meeting, Washington DC

- Invited Participant
- 2004 Conference sponsored by NSF and the Seattle Science Fiction Museum: "Science and Science Fiction: Shared Territory and Opportunities for Teaching, Learning, and Public Understanding" | Seattle, WA
- 2001 Panelist-Discussant: Adrienne Mayor, "Fossil Myths from Greece and Rome to Native America" | OU College of Arts & Sciences FOCAS Lectures
- 2000 Roundtable sponsored by the Student Affiliates of the American Chemical Society: "Ethical Aspects of Genetic Research" | University of Oklahoma

- Digital Projects
- 2009 "Little Scientists in Victorian Times"
- 2006-present "petri dish" weblog / http://scipop.typepad.com/petri_dish
- 2007-present "Science and Popular Culture Webfolio" / <http://scipop.net>

Presentations

“There was a Child Went Forth Everyday”: The Natural World as a Republican Nursery in the Antebellum Literature of Samuel Goodrich and Jacob Abbott

- “Home, School, Play, Work: The Visual and Textual Worlds of Children” | Conference Sponsored by the Center for Historic American Visual Culture and the Program in the History of the Book in American Culture at the American Antiquarian Society (11/08)

Portraying the “Intimate Scientist” in 20th-century America: The Pushback in Popular Culture Against Scientific Arrogance

- UC Berkeley - UCSF Colloquium in History of Science, Technology, and Medicine (5/08)

The Intimate Scientist: Vernacular Contestations of the View from Nowhere

- History of Science Society Annual Meeting, Washington, DC (11/07)

Redesigning the Engineering Mind: The Revelations of the Arcturus IV Science Fiction Project at Mid-Century MIT

- Society for the History of Technology, Minneapolis MN (2/05)

Peter Parley as a Scientific American: Creating an Indigenous Literature for the Children’s Republic of Science

- History of Science Society Annual Meeting (11/02); Department of the History of Science Colloquium, University of Oklahoma (2/03)

Peter Parley as a Scientific American

- Midwest Junto | University of Oklahoma (4/01)

Kurt Lewin’s America: A Refugee Social Psychologist and the Politics of Science

- Schusterman-Jossey Lectures in Judaic Studies | University of Oklahoma (12/99)

Varieties of Historiographic Experience: Writing Intellectual and Cultural Histories of American Science

- History of Science Society Annual Meeting Pittsburgh, PA (11/99)

Jesting in Earnest: Jamesian Critiques of Scientific Piety

- Society for Literature and Science Annual Meeting, | Norman, OK (10/99)

Natural Histories of Science in the American Vernacular: Or, On Knowing One’s Place in the History of Science

- Andrew Mellon Postdoctoral Research Fellowship Program Conference, “Where the Biological and the Social Converge: Identity, Place, and Knowledge in the History of Science” | University of Oklahoma (4/99)

Stories of Vernacular Science: The Apotheosis of Robert Stroud, the Birdman of Alcatraz

- OU History of Science Department Colloquium (11/97) | Society for the Social Studies of Science Annual Meeting, Phoenix, AZ (10/97)

Legacies of the Vassar School of Social Critique

- American Studies Association Annual Meeting, Washington, DC (11/97)

“Mapping the New Mental World Created By Radio”: Social Psychology, the Cultural Politics of 1930s America, and Cantril and Allport’s The Psychology of Radio

- “Technology, Information, and People” Speakers’ Series, OU College of Arts & Sciences (4 /97) | Cheiron Annual Meeting, Univ. of Richmond (6/97)

Roger Barker and the Founding of Ecological Psychology

- History of Science Society Meeting, Atlanta, GA (10/96) | University of Oklahoma, Department of Psychology (10/96)

The Vassar School of Social Criticism

- University of Oklahoma, Women’s Studies Brown-Bag Lunch Series (11/96)

Nature is Everywhere Gothic, Not Classic”: William James and the Challenge of Radical Empiricism
--University of Oklahoma, Department of the History of Science (2/95)

Why “Individuality” Matters as a Scientific Principle
-- University of New Hampshire, Department of Psychology (11/93)

Is Diversity “Real”?: Debating the Metaphysics of Democracy in Psychology during the 1930s
-- Northwestern University, Department of History (3/93)

Luther Burbank as an Icon of Popular Science
-- History of Science Society Meeting, Washington, DC (12/92)

Challenging the Search for General Laws: Pragmatist Psychologists during the Great Depression
-- History of Science Society Meeting, Madison, Wisconsin (10/91)

Dissenting from Pure Experimentalism: The Natural History Model and Pragmatist Psychologists during the 1930s
-- Cheiron Annual Meeting, Slippery Rock University (6/91)

Session Chair &
Commentator

“Psychology, Popularization, and the Public”
– History of Science Society Annual Meeting | Vancouver, BC (11/00)

Discussion Leader

2001

“Using the Web for Teaching: Content and Design Issues”
– Brainstorming Lunch Series, Charles Warren Center for Studies in American History | Harvard University

Reviews

Cornelius Holtorf, *Archaeology is a Brand!: The Meaning of Archaeology in Contemporary Popular Culture*, in *Public Understanding of Science*, 2008, 17:507-8

Michael Whitworth, *Einstein’s Wake: Relativity, Metaphor, and Modernist Literature*, in *Isis*, 2004, 95:158

Cornelius van Bavel, *Hugo de Vries: Travels of a Dutch Botanist in America*, in *Isis*, 2003, 94:740

Bruno Latour, *Pandora’s Hope: Essays on the Reality of Science Studies* in *American Scientist*, 1999, 87:570

Leila Zenderland, *Measuring Minds: Henry Herbert Goddard and the Origins of American Intelligence Testing* in *Isis*, 1999, 90:395-6.

Peter Galison and David J. Stump, eds., *The Disunity of Science: Boundaries, Contexts, and Power in Technology and Culture*, 1998, 39:545-6

Charles Rosenberg, *No Other Gods: Science and American Social Thought*, rev. ed., in *American Scientist*, 1998, 86:300

Steven Shapin and Simon Schaffer, *Leviathan and the Air-Pump: Hobbes, Boyle, and the Experimental Life* in the *UCLA Historical Journal*, 1986, 7:79-81

City of Los Angeles, *Los Angeles Maritime Museum* in *Public Historian*, 1993, 15:196-7

Teaching

Undergraduate Courses	1994-present	<p>The Future of the Past: History in the Digital Age [in the Dept. of History] The Political Einstein [Honors Course] Science, Technology & Politics: International Perspectives Science and Popular Culture Historical Perspectives on Technology, Culture & Human Experience History of Science to Newton [including Honors Courses] History of Science since Newton [including Honors Courses] Honors College, History of Science since Newton Humans and Technology (with Professor Francis Durso / Psychology)</p> <p>The Past and Future of Humans and Technology (OU College of Liberal Studies; with Professor Francis Durso / Psychology) Science in its Social Context: Gender Issues in Science and Technology Science in the 19th Century Natural History as Modern Science</p>
Undergraduate Research Supervised	2005-2006	<p>Parker Holman / Honors Degree in Zoology Committee Member</p> <p>Research Supervisor / Undergraduate Research Day Presentations Ashley Johnson (Psychology): “Why War? Einstein, Freud, and Elitist Views of Pacifism” Christopher Riggs (Music): “Minds of the Modern: Scientific and Artistic Approaches to Time in Einstein, Picasso, and Stravinsky”</p>
	Summer 2004	<p><i>NSF Research Experiences for Undergraduates: Human-Technology Interaction</i> University of Oklahoma Human-Technology Interaction Center</p>
	Summer 2004	<p>Director, Individual Research: <i>Student:</i> Jamaica Brown (Reed College, Sociology) – “Blogging and Beyond: Structure and Significance on the ‘Net” <i>Student:</i> Luke Misenheimer (UNC-Chapel Hill, Mathematics), “Superiors to Servants: The Progression of American Conceptions of the Computer”</p>
	Summer 2003	<p>Team Supervisor: “Computer-Mediated Communication in the Digital Age: Constructing an e-Democracy Elections Website for Norman, Oklahoma” <i>Students:</i> Erin Darlington (University of Tulsa, Psychology); Jessica Heatherly (John Brown University, Engineering); Cheryl Jerozal (Penn State University, Computer Science); Johnathan Nelson (Utah State, Psychology)</p>
	Summer 2000	<p>Team Supervisor: “Computer-Mediated Communication in the Digital Age: Constructing an e-Democracy Elections Website for Norman, Oklahoma” <i>Students:</i> Patrick Harmason (University of Oklahoma, Engineering); Angela Platt (Bethel College, Psychology); Ben Rainville (Willamette, Computer Science); Callie Willis (Notre Dame, Psychology)</p> <p>Director, Individual Research: <i>Student:</i> Oriana Walker (Reed College, Physics) – “Conceptions of the Scientific vs. the Technological Mind in Cold War America</p>
	NSF REU Summer 1999	<p>Director, Individual Research: <i>Student:</i> Kimberly Roberts (Drury College, Psychology) – “Applications of Social Sciences to the Internet with Specific Emphasis on Community Networks”</p>
Undergraduate Workshop Coordinator	2005-2008	<p>Ethics Workshop Leader, NSF REU in Industrial Engineering / University of Oklahoma</p>
	1999-2004	<p>Ethics, Technology & Science <i>NSF Research Experiences for Undergraduates Program</i> – Sponsored by the Human-Technology Interaction Center, University of Oklahoma</p>

Guest Lecturer (Undergraduate)	2000	University College 1002 –Women in Science, Engineering, and Technology: “Images of Women Scientists in Film”
	1996	Anth 4113 – History of Anthropological Theory: “Ruth Benedict and the Boasian Legacy”
Graduate Courses	1994-2004	The Role of Science & Technology in the Making of the American West Science, Culture, and Questions of Mind and Emotion in the History of Science Graduate Survey in Modern Science (19th-20th Centuries) Introductory Graduate Seminar: Research, Criticism and Analysis History of American Science and Technology Natural History as Modern Science
Graduate Research Supervised	Doctoral Level	Kate Sheppard Ph.D. expected, Spring 2010 Dissertation: <i>“A Life Without a Single Adventure”: Margaret Murray and the History of Egyptology in Britain</i>
		Cornelia Lambert Ph.D. expected, Spring 2009 Dissertation: <i>“Living Machines”: Robert Owen, the Worker’s Body, and the Formation of Human Character, 1800-1830</i>
		Kimberly Perez Ph.D., Fall 2006 Dissertation: <i>Fancy and Imagination: Cultivating Sympathy and Envisioning the Natural World for the Modern Child</i>
	Master’s Level	Lisa Torres M.A., Spring 2008 Thesis: <i>“Caroline Herschel: A Re-examination”</i>
		Katherine Sheppard M.A., Fall 2006 Thesis: <i>“You Call This Archaeology?” Flinders Petrie and Eugenics</i>
		Natalie Peck M.A., 2002 Thesis: <i>“The Perfect Socialism”: The Social Philosophy of Anna Botsford Comstock in the Nature Study Movement</i>
		Cheryl Smith M.A., 2000 Thesis: <i>“Learning About Common Things”: Conceptions and Uses of Science in the Juvenile Literature of Jacob Abbott</i>
		Kim Perez M.A., 1998 Thesis: <i>Progressivism, Popularization, and Ornithology: Arthur A. Allen and the Cornell Ornithological Program</i>
		Mark Eddy M.A., 1995 Thesis: <i>The Origin of Speech: F.W. Farrar and the Role of Language in the Darwinian Theory of Mental Evolution</i>
Guest Lecturer (Graduate)	2004	Guest Seminar Leader, "Ethics, Engineers, and Research Issues" <i>Indus. Eng. 5970</i>
Historical Consultant	1987-1988	<i>“Einstein and Bohr”</i> – Development Project for <i>Nova</i> Moira Productions (Berkeley, CA)
Professional Development	2001	Training Course: The ECHO Project: “Exploring and Collecting History Online: Science & Technology” Center for History and New Media (George Mason University)
	2000	Presenting Data and Information Prof. Edward Tufte Dallas, TX
	1999	College of Arts and Science Faculty Technology Summer Workshop
Administrative Experience	1993-1994	<i>Grantwriter and Assistant to the Director of Development</i> Elizabeth Glaser Pediatric AIDS Foundation (Santa Monica, CA)

Service

University	2004-2006	Faculty Advisor to OU Student Group, <i>Free the Planet!</i>	
	2003-2006	Research Council	
	2003-2007	Faculty Appeals Board	
	2003-2006	Provost's Presidential Professorship Selection Committee	
	2003-2005	Faculty Senate Development Award Selection Committee	
	1999-2000	Teaching Assistant Training Workshop Instructor for Class Presentations Instructional Development Program	
	1997-1999	Faculty Mentor, Freshman Mentoring Program	
	1996-1998	Writing Center Advisory Board	
	1996-2000	Steering Committee, Human-Technology Interaction Center Chair, HTIC Research Committee on e-democracy	
	College	2007-2008	Faculty Support of Teaching and Research Committee
2005		Fellowship Award Selection Committee	
2005		FVS Third Year-Asst. Prof. Review Committee	
2003-2006		College of Arts & Sciences Information Technology Committee	
2000-2001		College of Arts & Sciences Advisory Committee on Women's Issues	
1996-1997		Co-Coordinator, College of Arts and Sciences and the Human-Technology Interaction Centers' "Technology, Information, and People" Speakers' Series	
Department	2007-2008	Chair, Undergraduate Program Review	
	2006-2007	Chair, History of Modern Science Search Committee	
	2006-2008	Department Colloquium Coordinator	
	2002-2003, 1995-2000	Honors College Representative	
	Spr 2008 2007	Committee A	
	2002-2003 Spr 2001		
	2000-2001	Co-Graduate Advisor	
	2007-2008, 1998-2001	Undergraduate Advisor	
	1998-2001	Webmaster	
	1997-1998	Mellon Postdoctoral Fellowship Committee Coordinator	
	1995-1998	Mellon Postdoctoral Fellowship Committee	
	Professional	2006-2008	Elected Member of the History of Science Society Council
		Fall 2006	Panelist, National Endowment for the Humanities / Division of Preservation and Access (Science / Technology / Philosophy) – Evaluation Meeting, Washington DC, 10/17/06
		2002-2005	Editorial Board of <i>Isis</i> Advisory Editor
1998-present		Reviewer, Article Submissions: <i>Isis; Science, Technology, and Human Values; Agricultural History</i> Reviewer, Book Manuscripts: Harvard U Press, Oxford U Press, Rutgers U Press Reviewer, Research Proposals: <i>National Science Foundation</i> Reviewer, Conference Paper Proposals: <i>Cheiron, Society for the History of the Behavioral Sciences</i> Invited History of Science Respondent, "Survey of Scholarly Practices," for the History Field Committee of the National Initiative for a Networked Cultural Heritage Project of the American Council of Learned Societies & the National Research Council	

Grants | Funding

- 2007 University of Oklahoma Faculty Senate Award: Web Project on “Little Scientists in the Victorian Era” (\$1,200)
- 2001 Proposal Grant | The ECHO Project: “Exploring and Collecting History Online: Science & Technology” | *Center for History and New Media, George Mason University* (\$1,000)
- 1997-2001 Investigator Grant
National Science Foundation #9710444, “Science in the American Vernacular” (\$98,012)
- 1999-2001 Investigator Grant (as doctoral advisor for Mark Eddy)
National Science Foundation #9950035, Doctoral Dissertation Research Grant (\$7,764)
- 2000 Grant for Development of Demonstration Curriculum Webproject
College of Arts and Sciences Computer Advisory Committee (\$3,150)
- 1998 Norman CivicNet Survey Research
On- and Off-campus Partners: City of Norman / SBC / OU College of Arts and Sciences / OU Office of the Vice-President for Research / Michael F. Price College of Business (\$8,000)
- 1997 Junior Faculty Research Grant
Office of the Vice-President for Research, University of Oklahoma (\$6,000)
- 1997 Faculty Enrichment Grant
College of Arts and Sciences, University of Oklahoma (\$1,200)
- 1996 “Technology, Information & People Lecture Series”
College of Arts and Sciences, University of Oklahoma [with Professors Francis Durso and Scott Gronlund, Psychology (\$8,300)
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Affiliations

American Studies Association
Children’s Literature Association
History of Science Society
National Council on Public History
Society for the History of Technology