

**CURRICULUM VITAE  
PROF. MIRIAM R. LEVIN  
January 20, 2012**

**Address:**

**History Department  
Case Western Reserve University  
Cleveland, Ohio 44106, U.S.A.**

**Phone: 216 368 2624; fax: 216 368 4681; e-mail: [mrl3@po.cwru.edu](mailto:mrl3@po.cwru.edu)**

**Personal Web Page: <http://www.case.edu/artsci/hsty/levin.html>**

**CURRENT ACADEMIC APPOINTMENTS**

**Professor of History, Case Western Reserve University, appointed July 1, 2008**

**Member of the Graduate Program Faculty in the History of Science,  
Technology, the Environment and Medicine**

**Secondary Appointment, Professor of Art History (appt. September 2008)**

**EDUCATION**

**The University of Michigan, B.A., cum laude (Art History)**

**Sweet Briar College Junior Year In France**

**The University of Michigan, M.A. (Art History)**

**University of Massachusetts, Ph.D. (History), 1980**

**Dissertation Title: Art and the Early Third Republic: Designs for Social Engineering in France (1876-1890)** Dissertation Director: Prof. Charles Rearick

**SUMMARY STATEMENT**

**My research, publishing, teaching** and related activities are devoted to critically examining how technology and science were integrated into modern society. I study the visions, policies, projects and institutions through which higher learning has been put to cultural uses on national and global scales. My aim is to understand the symbolic and social powers proponents have exerted and the economic and social interdependencies they created through this culture. Major focus is on built environments, international expositions, museums, and institutions of higher education (including single-sex colleges) during the 19<sup>th</sup> and early 20<sup>th</sup> centuries in two industrializing nations: France and the United States. In addition to scholarly production, my publications and lectures include those directed at educating more popular audiences in this country and abroad about the forces of scientific and technological change. Research and teaching in the U.S., Sweden and France.

**Honors and awards:** *Urban Modernity* selected by *Choice* as one of the Outstanding Academic Books of 2011; Nominated Candidate for Vice-President of the Society for the History of Technology, 2010; **Pulitzer Prize nominee**, 2005 (one of three current History Department faculty to be nominated). **Winner of Wittke Award** for Distinguished Undergraduate Teaching at Case (**only woman in the History Department to win this award**). Nominee for Margaret Rossiter Prize for best book on women's history, History of Science Society, 2008; Nominee Wittke Award for Distinguished Undergraduate Teaching at Case Western Reserve University. Elected

Visiting Professor at the Ecole des Hautes Etudes en Sciences Sociales, Paris. Offered the Maria Goeppert-Mayer Visiting Professorship at the University of Gottingen, Germany (declined). Invited professorships at the Royal Institute of Technology, Stockholm; University Blaise Pascal, Clermont-Ferrand, France. I have been a Visiting Fellow at the Massachusetts Institute of Technology, the CNRS Centre des Recherches en Histoire des Sciences et des Techniques (Paris) and the Smithsonian Institution; a Visiting Scholar at Harvard University (laboratory of Richard Lewontin); and a Visiting Scholar at Emory University, Atlanta, Georgia. Invited lectures at universities in France, Germany, The Netherlands, Sweden, Norway, the United Kingdom, and the United States. Listed in *Who's Who in America*. Nominated for President, Society for the History of Technology.

**Grants and fellowships** include those from the National Science Foundation, the National Endowment for the Humanities, History of Science Society, American Council of Learned Societies, Centre nationale des recherches scientifiques in France, and the Smithsonian Institution as well as private foundations and the CWRU Baker Nord Center for the Humanities.

## SCHOLARLY PUBLICATIONS

### **BOOKS:**

**Miriam R. Levin, first author, with Sophie Forgan, Martina Hessler, Rober Kargon, Morris Low, Urban Modern: *Inventing an International Culture of Change in the Second Industrial Revolution* (Cambridge, MA: MIT, 2010) Selected by *Choice* as one of best books of 2011.**

-----, reprinted 2009: **When the Eiffel Tower Was New: French Visions of Progress at the Centennial of the Revolution**, (South Hadley: University of Massachusetts Press, 1989).

**Miriam R. Levin, *Defining Women's Scientific Enterprise: Mount Holyoke Faculty and the Rise of American Science* (Hanover and London: University of New England Press, January 2005). Refereed. Hardcover and paperback. Nominated for Pulitzer Prize in American History, 2005.**

-----, editor and contributor, introduction by Thomas Hughes, **Cultures of Control** (London: Routledge [formerly Harwood], 2000). A refereed collection of articles by American and European scholars defining the study of the history of control. (hard cover and paper back)

-----, **When the Eiffel Tower Was New: French Visions of Progress at the Centennial of the Revolution**, (South Hadley: University of Massachusetts Press, 1989). Research funded by the National Endowment for the Humanities. An exploration in text and images of the ways in which the French responded to scientific and technological innovations at the time of the great universal expositions of 1889 and 1900. Refereed.

1. -----, **Republican Art and Ideology in Late Nineteenth Century France**, (Series in the Fine Arts, Donald Kuspit, Ed., Ann Arbor: UMI Research Press 1986) A study of French government policies aimed at integrating science and technology into the national culture to control the course of industrialization along liberal democratic lines. Refereed and reviewed by series editor.

**BOOK MANUSCRIPTS IN PROGRESS:**

-----, *Paris of the Future* (manuscript in preparation)

-----, *Defining New Women in Non-Christian Lands: Science at Foreign Missionary Colleges for Women (1840-1940)* (research in progress)

Chapter on "Science and Politics at the Paris 1937 Exposition," multi-authored book on *Technology on Display in the Interwar Period*, completion date 2012

Chapter on "Science in Expositions, Museums and Urban Spaces," *History of European Science*, vol. 2 (1750-1914), Otto Sibum and Kapil Raj, eds., Edition du Seuil, Paris, schedule for publication 2013)

**ARTICLES:**

**SCHOLARLY:**

MIRIAM R. LEVIN "INVENTING A MODERN PARIS: THE DYNAMIC RELATIONSHIP BETWEEN EXPOSITIONS, URBAN DEVELOPMENT AND MUSEUMS," *QUADERNS D'HISTÒRIA DE L'ENGINYERIA* (IN PRESS).

"Expositions of the Second Empire, urbanization and the Advancement of Science and Technology," in Ana Cardoso, Irina Gouzevitch, Marta Lourenco, eds., *World Expositions and Museums of Science and Technology (Lisbon and Paris: éditions Colibri, en collaboration avec CIDEHUS, Musée de Science de Lisbonne et du Centre Maurice Halbwachs., 2010 in press)*

Miriam R, Levin, "Museums as Media in the Emergent Global Context," *Curator: The Museum Journal*, Volume 49, Number 1, 2006, 31-37. Special issue on *Museums: Thinking Outside the Box*, Arthur Molella and Robert Kargon, eds. refereed. Published on the web, 15 January, 2011.

-----, "De la Tour Eiffel à Paris.LasVegas.com," in Catherine Bertho-Lavenir, ed., *La Visite du Monument* (Clermont-Ferrand, France: Presses Universitaires, 2004), 193-211. Refereed

-----, "The Friction of Our Surroundings," in Richard Boland and Frederic Collopy, eds., *Managing as Designing* (Palo Alto: Stanford University Press, 2004), 129-137. Refereed

-----, "Analysis of Efforts in U.S. Institutions of Higher Education to Encourage Women in Science and Engineering," in Jacqueline Laufer and Catherine Marry, eds., *Les cadres et ingénieurs au regard du genre: Actes de la journée du 20 juin 2003*, series *Les Cahiers du GDR CADRES [Cadres Dynamiques, Representations, Entreprises, Societes]*, Cahier 5 (2004-

5) and *Les Documents de travail du GDRE-MAGE [Marche du Travail et Genre]* Document de travail no.7, (Paris: CNRS, 2004), pp.103-112. Also see comments in discussion, pp. 143,149,151. Published in hardcopy and on the web. Invited paper.

Miriam R. Levin and Rosalind Williams, eds., Forum of 10 articles on *Rethinking Technology in the Aftermath of September 11<sup>th</sup>*, Journal of History and Technology, January 2003, 29-83, and "introduction," 29-32. refereed

-----, "Progress, Holes, Ruses, and Countercultures: September 11 as a Transforming Event," History and Technology 19 (2003), 62-66, refereed. Reprinted version by editor's request as Miriam R. Levin, "September 11<sup>th</sup> as a Transforming Event," Historically Speaking, April 2003, p. 4-6.

-----, "Contexts of Control," in Miriam R. Levin, ed., Cultures of Control (Routledge [formerly Harwood], 2000), pp. 13-40. (Hardcover and paperback) refereed

-----, "Center and Periphery in the History of Science," in Elizabeth Fox-Genovese and Elizabeth Lasch-Quinn, eds., Reconstructing History (New York: Routledge, 1999), pp. 322-346. (Hardcover and paperback) refereed

-----, "Geschlecht, Wissenschaft und Religion. Die Herausbildung einer professionellen Wissenschaftskultur in Mount Holyoke" ["Sex, Science and Religion at Mount Holyoke"], in Sigrid Metz-Goeckel, et al., eds, Frauenuniversitäten: International und bundesrepublikanisch (Arbeitstitel) [Women's Universities: Internationally and in the Federal Republic of Germany] (Berlin: Leske and Budrich, September 1997), 225-243. refereed

Miriam R. Levin, "What the French Have to Say in the History of Technology," Technology and Culture, Vol. 37, No. 1 (Jan., 1996), pp. 158-168. refereed.

-----, "Le Chemin de fer dans le jardin français," ["The Iron Road in the French Garden,"] in l'Art et l'histoire du chemin de fer en France (Paris: 1995), refereed.

-----, "The Printed Image in Industrializing France from the Enlightenment Until 1835," in James Leith, ed., The Muse and Reason: Science, Technology and the Arts, (Kingston, Ontario: Royal Society of Canada, 1994) refereed

-----, "Democratic Vistas, Democratic Media: Defining a Role for Printed Images in Industrializing France," French Historical Studies, 18(Spring1993), 82-108. Refereed.

-----, "Posters, Lithography, and the Art of Engineering the Social Landscape in Late Nineteenth Century France," Proceedings of the XVIIIth International ICOHTEC Conference (San Francisco Press, 1993).

-----, "The City as a Museum of Technology," in Brigitte Schroeder-Gudehus, ed., Industrial Society and Its Museums. 1890-1990: Social Aspirations and Cultural Politics (Paris: Harwood Publishers, 1993), 79-95 also published in french version as "La Ville: Un Musée technique," La Société industrielle et ses musées, (Paris, 1992). Refereed.

-----, "The City as a Museum of Technology," Journal of History and Technology, 10 (1993),27-36. Refereed.

----- and Pamela E. Mack, "The Transformation of Science Education at Mount Holyoke in the Gilded Age," Proceedings of the American Historical Assn, 1988. Article abstracted and distributed in hard copy and microfiche by ERIC/SMEAC educational document service, 1990.

-----, "The Eiffel Tower Revisited: Community Building through Industrial Design in Late 19th Century France," French Review, Spring 1989, pp.1052-1065. Refereed.

-----, "The Wedding of Art and Science in Late Eighteenth Century France," Eighteenth Century Life, Special Issue on Art and Politics, May 1982, 54-73. Refereed.

-----, "La Definition du caractere republican dans l'art francais apres la Revolution," Revue de l'Institut Napoleon, 1981, no. 187, 140-167 . Refereed.

-----, "'Ideology' and Neoclassicism: The Problem of Creating a Natural Society Through Artificial Means," Proceedings, Consortium on Revolutionary Europe, 1980, pp. 177-187.

#### **Web Published Research And Occasional Papers:**

Miriam Levin, International Symposium, Tipping Points In Urban Change, Was Taped And Is Available On The Web Via The Princeton University Program Web Site. The Tape Is Also Available On Several Other Sites For Free And Has Had In Total About 2000 Hits. Being used in course on technology and urbanism, KAIST, Seoul, Korea.

Miriam R. Levin, "Survey et analyse des recherches sur des femmes ingenieures americaines," Jacqueline Laufer and Catherine Marry, eds., Cadres et ingenieur-e-s au regard du genre [Gender and the Formation of Engineering Workforce], LASMAS (Center for longitudinal studies of the Workforce (CNRS, FRANCE and GDR Europe) , June 2003. <http://www.univ-aix.fr/lest/gdrcadres/gdrpdf/prog5emecadres.pdf>

-----, "Modern Control through Communicative Design," Position Paper, Colloquium on Managing as Designing, Richard Boland, ed., 2002, <http://design.cwru.edu/positions/levin.html>

-----, "Signing the Car: Automobility, Circulation and Political Economy," Workshop on European Mobility, Turin, Italy, November 2002, <http://www.histech.nl/tensions/projecten/ames/amesrev.htm>

"A Comparative Study of the History of Audiences at Three Museums of Science and Industry: The National Museum of American History (Smithsonian); The Henry Ford Museum, and The Conservatoire National des arts et Metiers, Paris," Mandel Center for Non-Profit Organizations, 1994. Funded by a foundation grant administered by the Weatherhead School of Management

"A Comparative Study of the History of Museum Audiences at The Western Reserve Historical Society and The Cleveland Museum of Art," Mandel Center for Non-Profit Organizations, 1992. Funded by a grant administered by the Weatherhead School of Management

**REVIEWS:**

Miriam R. Levin, Review of Richard Thomson *The Troubled Republic: Visual Culture and Social Debate in France, 1889-1900* (New Haven: Yale University Press, 2005), CAA. Reviews, October 14, 2006, <http://www.caareviews.org/reviewers/669>

-----, Review of Bruno Jacomy's *L'Age du Plip: Chroniques de l'innovation technique*, The Journal of Technology and Culture, Vol. 44, No. 2 (Apr., 2003), pp. 409-410

-----, "Commentary Essay, Seminar of the History of Engineering Education," Seminar Proceedings, XXI International Congress for the History of Science, Mexico City, 2003 (Mexico: forthcoming). Invited by Congress President to publish, essay reviewed and approved by seminar organizers.

-----, Review of Catherine Bertho Lavenir's *La democratie et les medias au 20e siecle* (Paris: Arman Colin, 2000), in The Journal of Technology and Culture, July 2001, 592-593

-----, Review of Robin Waltz's *Pulp Surrealism* (Berkeley, U Cal Press, 2000) in the American Historical Review, Spring 2001

-----, Review of Henry Petroski's *Remaking the World* (Alfred A. Knopf; 1997), in Wilson Quarterly, Summer 1999.

"Miriam Levin Responds to Mark Poster," *French Historical Studies*, Vol. 18, No. 1 (Spring, 1993), pp. 139-141

-----, "Technology: The Human Science: Review of *La Technologie: Science humaine* by Andre-Georges Haudricourt," Technology and Culture, January 1991, 174-176.

----- and Arwen Mohun, "The International Committee for the History of Technology Meeting, Paris, July 1990," Technology and Culture, Vol. 32, No. 3 (Jul., 1991), pp. 594-595

-----, "The Engagement of Art and Technology: Art Nouveau in Fin de Siecle France: Politics, Psychology, and Style, by Deborah Silverman," Technology and Culture, July 1991, 601-602.

-----, "Berlin: 1900-1933" and "Paris Style 1900: Siegfried Bing and Art Nouveau" Technology and Culture, July 1988. Vol. 29, No. 3 (Jul., 1988), pp. 622-632

-----, Review of SHOT<sup>#</sup> Session, Technology and Culture, Fall 1988

**ENCYCLOPEDIA ARTICLES:**

Contributor, Science Technology and Medicine Section, American Historical Society Guide to Historical Literature, 3rd. edition, 1991.

-----, "Gustave Eiffel," "Eiffel Tower," "Symbolism," "Seurat," articles for Historical Dictionary of the Third Republic, Patrick H. Hutton, ed., Greenwood Press, North Carolina, 2 vols., 1986.

-----, "Jacques-Louis David." Article for Historical Dictionary of the Napoleonic Era, Owen Connelly, ed, Greenwood Press, North Carolina, 1985.

#### **PUBLICATIONS AND MEDIA PRESENTATIONS FOR GENERAL AUDIENCE**

Expert commentator, "Napoleon: Steel Fist," Engineering an Empire Series, History Channel production, first aired in December 2006, also available on dvd

'Defining Women's Scientific Enterprise," Scott Jaschik, Interview with Miriam Levin, Inside Higher Ed, Jan. 17, 2006, <http://insidehighered.com/news/2006/01/17/levin>

Miriam R. Levin, "Histoire et enjeux des musees," *La Revue, Histoire, Sciences et Techniques* [Journal of the Musee national des techniques, Paris, France] , no. 38 (June 2003), pp. 4-15. Invited article. (published on the web additionally)

-----, "September 11<sup>th</sup> as a Transforming Event," Historically Speaking, April 2003, p. 4-6.

-----, "Museums and the Democratic Order," in Special section on The Once and Future Museum, The Wilson Quarterly, Winter 2002, pp. 59-68. Commissioned article - (published on the web additionally)

Review of Henry Petroski's Remaking the World, The Wilson Quarterly, Summer 1999

"New Kinds of Work and Workers Take Shape," Letter to the Editor, The New York Times, Sept. 24, 1989

"The Still Relevant Symbolism of the Eiffel Tower," Commissioned essay for the Chronicle of Higher Education, May 3, 1989, B6.

"Visualizing Cultural History: An Interview with Miriam Levin," in Humanities Discourse, National Federation of State Humanities Councils, Spring 1987

Levin, Miriam R., "The Long and Blissful Marriage of Technology and the Arts," Letter to the Editor, The New York Times, May 25, 1984.

"Pissaro's Message for Today's World of Work," The Christian Science Monitor, 1982.

#### **HONORS, FELLOWSHIPS, GRANTS, AND AWARDS**

Nominated for President, Society for the History of Technology, 2010.

Planning funds for Collaborative Project on Havana, Cuba for CWRU students, Baker Nord Center, 2010 award for 2011 period.

Travel funds to present invited paper at 4th Interna. Conference of Society for

**European History of Science, Baker Nord Center, CWRU, Fall 2010**  
**P.I., National Science Foundation Research Grant, Inventing an International Culture of Change: 1870-1930, award beginning October 2005, ending March 2009**  
**Wittke Award Nominee for Distinguished Undergraduate Teaching, Case Western Reserve University, spring 2007**  
**Presidential Fellowship, Baker Nord Center for the Humanities, Case Western Reserve University, fall 2006**  
**Pulitzer Prize Nominee in American History, 2005**  
**Baker Nord Center, Case Western Reserve University, Collaborator Grant, \$3200, Spring 2005**  
**Baker Nord Center, Case, Presidential Fund Award \$5000 for Seminar Homeland Security, Fall 2004**  
**Nominee, Residential Fellowship, Center for Advanced Study in the Behavioral Sciences, Stanford University, 2003**  
**Elected Visiting Professor, Ecole des Hautes Etudes en Sciences sociales, Paris, France, spring 2004**  
**Co-organizer, NSF funded workshop "Rethinking Technology in the Aftermath of September 11<sup>th</sup>, MIT, March 2002.**  
**Invited, French Government, Visiting Professorship, University Blaise Pascal, France, spring semester 2002**  
**Invited Visiting Associate, Ecole des Hautes Etudes en Sciences sociales, Paris, France, spring semester, 2002**  
**Invited Maria Goppert-Mayer Visiting Professorship, University of Gottingen, Gottingen, Germany, summer 2002 (declined)**  
**Nominated for Executive Committee, Society for the History of Technology, May 2001**  
**UCITE Teaching Award funding to develop course Museums in a Developing World, 1999- 2000**  
**Winner, Wittke Award for Distinguished Teaching at CWRU, 1998**  
**Grant from Lemuelson Center, Smithsonian Institution, 1996-97**  
**Visiting Scholar Fellowship, Centre pour Recherche en Histoire des sciences et des techniques, CNRS, CRHST La Villette, Paris, France, February 1996**  
**Research Initiation Grant, Case Western Reserve University, 1995-6**  
**Research Grant, Fidelity Trust, administered through Arts Management Program, Weatherhead School of Management, 1993-1994**  
**W. P. Jones Foundation grant, Fall 1993**  
**Fellow, Five College Women's Studies Research Center, Mount Holyoke College, South Hadley, MA, Spring 1993**  
**W. P. Jones Foundation Grant, Case Western Reserve University, Spring 1992 to 1993.**  
**Research Grant, Fidelity Trust, administered through Weatherhead School of Management, 1992-1993**  
**Smithsonian Institution Grant for research Workshop on the History of International Expositions,**  
**National Museum of American History, March 1992**  
**Visiting Scholar, Massachusetts Institute of Technology, Program in Science, Technology and Society (Fall 1990)**



**Visiting Research Scholar, Laboratory of Richard C. Lewontin, Harvard University (Fall 1990).**

**American Council of Learned Societies Travel Grant, Summer 1990 Research Fellow in History of Science and Technology, Mount Holyoke College, 1987-89**

**National Science Foundation Grant for study of History of Science Education at Mount Holyoke College, 1987-1990**

**National Endowment for the Humanities Grant for research on the Eiffel Tower and French technology in the late 19th century, 1988**

**Smithsonian Fellowship, National Museum of American History, Summer 1987**

**History of Science Society Scholar, 1986-87, program supported by the Rockefeller and Culpepper Foundations and HSS society.**

**History of Science Society Travel Grant for research in Sweden, summer 1986**

**Seed money from Mount Holyoke College for preparation of grant proposals for History of Science at Mount Holyoke project, 1986**

**Fellow, Institute for Advanced Study in the Humanities, University of Massachusetts, 1985-1987**

**Fellow, Massachusetts Foundation for Humanities and Public Policy, Media Institute, summer 1983**

**Service Fund Grant, History Department, University of Massachusetts, 1975-1980**

**Graduate Assistantship, The University of Michigan Museum of Art**

**Regents Scholarship (three years), The University of Michigan**

**WEB PAGE AND EXHIBITIONS:**

**Web Page: Museums in a Developing World, a virtual resource on museums and the history of cultural policy with linkages to other sites (under construction)**

**Guest Curator and Scholar, traveling exhibition "When The Eiffel Tower Was New: French Visions of Progress at the Centennial of the Revolution," (funded by NEH, Mount Holyoke College, Univ. of Massachusetts), venues: Mount Holyoke College, Wesleyan University, and M.I.T., 1989-1990.**

**"Point of View," Essay accompanying exhibition of works by Ellen Levy on Scientific utopias, National Academy of Sciences, Washington, D.C., spring 1985.**

**"Women in Science (1830-1985)," 1984, text, video script, and brochure for traveling exhibition circulated by Springfield, Mass., Museum of Science, 1983-84.**

**LECTURES AND PAPERS PRESENTED (select list in 2 categories):**

**History of Science:**

**Invited Lecture, Science and Social Change at Women's Foreign Missionary Colleges: The Case of Ginling, Asian Seminar, History of Science and Technology Program, Johns Hopkins University, November 2011**

**Invited Lecture, "Culture History of Science," Symposium celebrating 25<sup>th</sup> Anniversary of the Centre de recherche en histoire des sciences et des techniques (CNRS), Paris, June 2011**

- Invited commentator and participant, Asian Cities Symposium, Johns Hopkins University, January 15-17, 2009**
- Invited Seminar Presentation and Colloquia,, Inventing Paris of the Future, Johns Hopkins University, November 13, 2008**
- Participant, paper presented, Rethinking Urban History, Symposium, CWRU, October 24, 2008**
- Invited lecture, Royal Institute of Technology, Stockholm, Sweden, May 22, 2007**
- Invited lecture on Women Scientists in Liberal Arts Colleges, Johns Hopkins University, March 2007**
- Invited Public Lecture on Mount Holyoke Faculty and the Rise of American Science, History Associates/ Case History Department/Baker Nord Center, October 2005**
- Invited lecture, Not the Girls of Summers, Mount Holyoke Club of New York City, May 12, 2005**
- Invited Public lecture, Not the Girls of Summers: Mount Holyoke Faculty and the Rise Of American Science, sponsored by ACES Program, Case, March 25, 2005**
- Invited Public lecture, *Not the Girls of Summers: Mount Holyoke Faculty and the Rise Of American Science*, Mount Holyoke College, South Hadley, Mass., March 2, 2005**
- Invited lecture, funded by a grant from the Portuguese government, "Past and Present Views of Women in American Science," International Congress on Scientific and Engineering Identities, Portugal, September 2004**
- Invited lecture, "Current Research on Women and Science in the U.S." LASMAS/IRESKO, CNRS, Paris, June 2004**
- Invited Seminar on Women's Science Education in the U.S., Ecole des Hautes Etudes en Science Sociales, Paris, May 2004**
- Invited speaker, Women and the Vocation of Science, University of Gottingen, Germany, June 2002**
- Invited seminar on Women's Science Education, Graduate Seminar on Technical Education in France, EHESS, April 2002**
- Invited speaker, University of Georgia Women's Studies Program, February 2001**
- Invited keynote speaker, Symposium on Religion and Science, Univ. of Dortmund, 1998**
- Invited lecture, Religion, Sex and Science, Univ. of Linkoping, Sweden, 1998**
- Participant, International Conference on Science, Technology and Society, Tokyo-Hiroshima-Kyoto, Japan, March 1998**
- Invited speaker, Westlake Community College, Women's Center, Oct. 1996**
- Paper presented, History of Science Society Meeting, Nov. 1996**
- Invited lecture, University of Dortmund, Germany, symposium on Technical Education for Women, November 1994**
- Invited lecture, Massachusetts Institute of Technology, April 1994**
- Invited speaker, Five College Women's Studies Research Center, April 1993**
- Invited speaker, SHLTS Seminar, Atlanta, Georgia, February 1993**
- Invited speaker, University of Georgia Women's Studies Program, January 1993**
- Invited speaker, Emory University, Science lecture series, Biology Dept., November 1992**
- Invited Inaugural Lecture, Science Month, Trinity University, Hartford, April 1991. "Sex, Science and Medicine: The History of Pre-Medical Education at a Liberal Arts College**
- Invited speaker, Bio-Ethics Program of the CWRU Medical School, April 1991**
- Invited seminar speaker, "History of Science Education at Mount Holyoke,**

**Harvard University, Cambridge, MA November 1990**  
**Invited lecture on the History of Pre-Medical Education at Liberal Arts Colleges, Marine Biological Laboratory, Woods Hole, MA, Aug. 1989**  
**"Science Education at Women's Colleges in the Gilded Age," AHA and HSS joint meetings, December 1988**  
**Invited Lecture, "The Transformation of Science Education at Mount Holyoke after the Civil War," sponsored by the History Department, Mount Holyoke College, November 1988**  
**Co-author, paper, Symposium on Science Education, American Chemical Society Meetings, New Orleans, Sept. 1987.**  
**Invited Participant, Symposium on Convention and Knowledge, Smith College, October 23-25, 1985.**

**European History and History of Technology:**

Chair and Discussant, The History of Technology at CWRU, SHOT Annual meeting, Cleveland, October 2011  
Organizer, Chair, and discussant, Tipping Points in Urban Change, International Symposium, Baker Nord Center, CWRU, March 27, 2010. Funded partially by NSF grant. Video available at [http://wn.com/Part\\_1\\_Tipping\\_Points\\_in\\_Urban\\_Change\\_Modern\\_Perspectives\\_on\\_Agents\\_of\\_Urbanization](http://wn.com/Part_1_Tipping_Points_in_Urban_Change_Modern_Perspectives_on_Agents_of_Urbanization); youtube at <http://www.youtube.com/watch?v=Sb3qWAUoOD4>

Invited Public Lecture on Gauguin at the 1889 Exposition, Cleveland Museum of Art Lecture Series, November 2009.

Invited public lecture and seminar class for students in Masters Mundus Program, CIDEHUS, University of Evora, Evora, Portugal, May 22 and 23, 2010.

Invited paper, Symposium on World Exhibitions and the Display of Science, Technology and Culture: Moving Boundaries, at the 4th International Conference of the European Society for the History of Science, Barcelona, Spain, November 16-24, 2010.

Invited chair and discussant, session on "Revenge of the Nerds: History of Technology's Contribution to Modern French Cultural History," Society for French Historical Studies, Charleston, S.C., February 11-13, 2011.

Invited to present Public Lecture in series organized by Cleveland Museum of Art in conjunction with Gauguin's Volpini Suite Exhibition, November 2009 (standing room only)

Discussant, Session on Cultures of Learning and Knowledge Circulation, Society for the History of Technology annual meeting, Pittsburgh, October 2009

Invited participant and discussant, Symposium on Asian Cities, Johns Hopkins University, Jan 2009

Invited, Johns Hopkins University History of Science, Medicine and Technology colloquium "Bringing Paris Into the Future: Creating a Modern Culture of Change, 1852- 1914," **Thurs., Nov. 20, 2008**

Paper, "Bringing the Future to Earth in the City: Paris and its Expositions," **Rethinking Urban History:Technology, Environments, and Politics, conference, CWRU, November 13-14, 2008**

**Invited Paper, Symposium on Universal Expositions and Museums of Science and Technology, New University of Lisbon, Lisbon Portugal, October 10-12, 2008**

**Invited Lecture and seminar, Royal Institute of Technology, Stockholm, May 2007**

**Invited presentation, Research group on The Material Basis of Disciplines, funded by Dutch government grant, Leiden, The Netherlands, May 2007**

**Lecture on "Paris, International Expositions and Urban Development," University of Paris, The Sorbonne, Paris, July 2006**

**Invited lecture and videotaped presentation, "An Historian of Technology Looks at Paris," Johns Hopkins University, Course in Disciplinary approaches to the Study of Cities, November 16, 2005.**

**Invited commentator, Session on "Constructing the Scientific Persona: Identity, Media, and Politics," SHOT Annual Meeting, Minneapolis, Oct. 2005**

**Public lecture, "Paris and the Invention of a Culture of Innovation," Public Symposium, BNC, Case, funded by NSF grant and co-sponsored by NSF, BNC, Hist. Dept., Office of Sponsored Research, Case, October 22, 2005**

**Invited lecture, "Museums, Universities, Markets: An Historically Fraught Equation," colloquium on Museums: Thinking Outside the Box, sponsored by Johns Hopkins University and the Lemelson Center, Smithsonian Institution, April 2005**

**Invited, Industrial History Seminar, Ecole des Hautes Etudes en Science Sociale, Paris, May 2004**

**Invited colloquium speaker, University of Minnesota, March 2004**

**Invited colloquium speaker, Johns Hopkins University, November 12, 2003**

**Invited speaker, Colloquium on Engineers: Enjeux et identities, Evora Portugal, October 2003**

**Invited speaker, Journee des cadres: Genre et Cadres Techniques, IRESCO, LASMAS, Paris, June 2003**

**Invited workshop participant, led by Frank Gehry, architect of the Guggenheim Museum in Bilbao, on Design and Management, summer 2002 (paper Published in refereed vol. by Stanford University Press)**

**Invited seminar on Cultures of Control, Seminar on Industrial History, EHESS, April 2003**

**Paper presented, XXI Congress for history of Science, Mexico City, July 2001**

**Paper Presented, Culture of Control, SHOT Conference, Munich, Germany, August 2000**

**Invited speaker on Culture of Control, Faculty speaker's series, CWRU School of Law, April 2001**

**Paper Presented, From the Eiffel Tower to Paris Salvages, ICOHTEC Conference, Prague, CZ, August 2000**

**Invited speaker, Colloquium on Futures Past: Industrial Heritage from an International Perspective, Sweden, June 2000**

- Invited speaker, Colloquium on the History of Tourism, Univ. de Blaise Pascal, Clermont-Ferrand, France, Sept. 1999**
- Invited speaker, Seminar Series, Royal Institute of Technology, Stockholm, 1998**
- Featured speaker, Lecture series, University of Dortmund, Germany, Dec. 1998**
- Invited speaker, Lecture series, University of Lund, Dept. of Sociology, Sweden 1999**
- Invited speaker on Control, Seminar Series, University of Linkoping, Sweden, Nov. 1998**
- Invited speaker, Visiting Lecture series, Smithsonian Institution, May 1997**
- Invited featured speaker, Earth Day Celebration, Elgin Community College, April 1997**
- Invited speaker, London Science Museum, Aug. 1996**
- Invited speaker, Univ. of Minnesota, spring 1996**
- Invited paper, Centre National des Recherches Scientifiques, International Workshop on Science, Technology and Their Publics, Paris, May 1995**
- Invited lecture, Oxford University, May 1994**
- Invited lecture, Trondheim University, May 1994**
- Invited lecture, Centre National des Recherches Scientifiques, Paris, May 1994**
- Paper in session on Culture, Politics and Technology, French Historical Studies meeting, Univ. of Delaware, March 1994**
- Invited Participant, Symposium on French Railroads, Paris, France, Nov. 1993**
- Commentator, Session design and technology, SHOT meetings. Washington, D.C., October 1993**
- Participant, Conference on Technological Transfer, Oxford University, Oxford, England, September 1993**
- Invited Participant, Symposium "All the World's a Fair," Smithsonian Institution, March 1992**
- Commentator, Session on Culture and Politics, American Historical Society Meetings, Washington, D.C., Dec. 1992**
- Invited Participant, Constructs Group Session, American Society of Religion Annual Meetings, Kansas City, November 1991.**
- Invited Participant, Royal Society of Canada Symposium, Queen's University, Kingston, Ontario, Fall 1992.**
- Invited Participant, International Colloquium on Industrial Society and Its Museums, Paris, March 1991**
- Paper in Session on Culture in the Interwar Period, Annual Meetings of the Society for French Historical Studies Vancouver, B.C., March 1991**
- Invited speaker, Modernism and Technology, Kenyon College, October 1990**
- Symposium session Paper on Engineering the Industrial Landscape, International Congress on the History of Technology, Paris, France, July, 1990**
- Paper for New England Historical Association Meetings, Boston, MA, April 21, 1990.**
- Invited Lectures (2) on French Culture and Technology, Wesleyan University (Connecticut), Nov. 1989**
- Paper on Democratic Vistas, Democratic Media, session on Reading the Technological Landscape, SHOT meetings, Sacramento, California,**

**Oct. 1989**

**Guest Speaker, Western Society of French Historical Studies Bicentennial Conference, UCLA, November, 1988**  
**French Visions of Progress at the Centennial of the Revolution**

**Invited paper, "Community Building through Industrial Design in the Early Third Republic," Society for French Historical Studies, U. of S. Carolina, March 1988**

**Invited Speaker, National Federation of State Humanities Councils Annual Meeting, Chicago, November 1987**

**Invited Speaker, Colloquium Series National Museum of American History, Smithsonian Institution, July 1987**

**"The Eiffel Tower Revisited," session on Technological Arts-Technological Culture, 1986 Meetings of Society of History of Technology, Pittsburgh, Oct., 1986.**

**Invited lectures on Technological Change and Approaches to Designing at Chalmers Technical University, Gothenburg, Sweden, and Gerlesborgsskolan Art and Design School, Gerlesborg, Sweden, summer 1986.**

**Commentator, annual meetings of American Historical Association, session on "Culture and the State in 19th Century France," New York, Dec. 1985**

**Invited Speaker, "Social Functions: Festival Design and Systems of Communication in Late 18<sup>th</sup> Century France," 18th Century Club, M.I.T., Cambridge, April 1985.**

**Invited lecture, "The Arts and the Industrial Revolution," University of Washington, Seattle, August 1984.**

**Invited lecture, "Art as Technology in the 19th Century: Creating Social Solidarity in an Industrializing Society," The Enterprise of Science Lecture Series, Hampshire College, Spring 1981.**

**"Ideology and Neo-Classicism," Consortium on Revolutionary Europe, Univ. of Alabama, Huntsville, February 1981.**

**OTHER RELATED SCHOLARLY ACTIVITIES:**

**Member, International Research Group on Museums and Disciplines**

**P.I. on NSF funded project for 6 scholars**

**Manuscript reviewer for MIT, Yale, Princeton and Rutgers University Presses, and For the *Journal of Technology and Culture***

**Grant reviewer for National Science Foundation, NEH and Annenberg Foundation Panelist, NEH, 1994 and 1995**

**Research on French feminist reformers, for the Papers of Elizabeth Cady Stanton and Susan B. Anthony, 1982-1984.**

**COURSE DEVELOPMENT AND COURSES TAUGHT AT CWRU**

**Summer 2006 attended UCITE seminars on classroom teaching**

**Participant, Service Learning Seminar, CWRU, spring 2005**

**Developed and taught four new courses since 1995 (3 HSTY, 1 SAGES)**

**Courses Taught:**

**SAGES University Seminar, The History of Paris: From Revolution to Globalization, spring 2007**

**Graduate Research Seminar on the History of Universal Expositions**

**Graduate Research Seminar on the History of Industrialization**

Graduate Research Seminar on the History of Control (for History Dept., and one semester taught on invitation by Weatherhead School of Management)  
Graduate Research Seminar on Cultural approaches to the History of Technology  
Graduate Research Seminar on the History of Communications Technology  
Graduate Research Seminar on History of European Technology  
Graduate Seminar Introduction to Museum Studies  
Graduate Seminar on Modern World History  
Undergraduate Seminar on Museums in a Developing World  
Modern European History  
The French Revolutionary Era  
Technology in Western Civilization  
Political and Social Thought in the Machine Age  
Introduction to Modern World History  
French Society and Culture  
History 250 (Issues and Methods in History)  
History 329/429 Museums in a Globalizing World for CWRU and Johns Hopkins Univ. Students using web-based classrooms, videoconferencing  
History 398 (Senior Research Seminar)

## **PROFESSIONAL EXPERIENCE**

### ***1. EMPLOYMENT AND PROFESSIONAL APPOINTMENTS:***

Full Professor of History, CWRU, beginning July 2008  
Associate Professor of History, CWRU, 1996-2007  
Full Professor of Art History (Secondary Appointment), beginning Sept. 2008  
Associate Professor of Art History, Secondary Appointment, beginning Oct. 2005  
Elected Visiting Professor, Ecole des Hautes Etudes en sciences sociales, Paris, Spring 2004  
Invited visiting Professor, University Blaise Pascal, Clermont-Ferrand, France, Spring 2002  
Visiting Scholar, History Department, Emory University, 1998 to present  
Invited Visiting Professor, Dept. of History of Science and Technology, Royal Institute of Technology, Stockholm, Sweden, Fall 1998  
Associate Professor of History, Case Western Reserve University, July 1995 to present  
Adjunct Associate Professor, Mandel Center, CWRU, July 1992-present  
Assistant Professor of History, Case Western Reserve University, fall 1989- June 1995  
Director, Museum Studies Program, History Dept., CWRU, 1991-93  
Adjunct Assistant Professor of History, U. of Massachusetts, Amherst, 1987-summer 1990  
Program Officer, Massachusetts Foundation for Humanities and Public Policy, 1987-1989;  
Internship, Massachusetts Foundation for Humanities and Public Policy, Sept.1986-Jan.1987  
Five College Associate, A consortium of the University of Massachusetts, and Amherst, Smith, Mount Holyoke and Hampshire Colleges, 1983-1987  
Smith College, Visiting Lecturer, History, spring 1985  
Smith College, Visiting Lecturer, History of Science Program, spring 1984  
Papers of Susan B. Anthony and Elizabeth Cady Stanton, Researcher, 1983-84  
Smith College, Visiting Lecturer, Art Department, spring 1982  
Massachusetts Institute of Technology, Architecture Department, Lecturer, 1981

University of Massachusetts, History Department, Teaching Assistant, 1980

**2. CONSULTING: HISTORY OF SCIENCE AND TECHNOLOGY:**

Consultant, Engineering an Empire Series, The History Channel, summer 2006

Consultant, History of Science And Technology Program, Johns Hopkins University, 2004

Consultant, Program in History of Science and Technology, Georgia Institute of Technology, NSF Funded program development grant, 2002 present

Center for Study of Women, Science, & Technology, Georgia Institute of Technology, appointed Winter 2000

Smith College, Northampton, Massachusetts, Program in History of Science and Technology, 1997

Lemelson Center for the History of Invention and Innovation, spring 1997

Consultant, National Museum of American History, 1990

A developer and Advisory Committee Member, Industrial History Project on the Changing Meaning of Work in Massachusetts (1920-80), Massachusetts Foundation for Humanities and Public Policy, 1986-1989

Consultant, New Jersey State Dept. of Higher Education grant for development of course on Art and Technology in the Industrial Era, Seaton Hall Univ., N.J., 1985-1989.

Louisville (Ky.) Museum of History and Science, Consultant in planning exhibition on History of Women in Science

Writer-consultant, Women in Science Traveling Exhibition, Museum of Science, Springfield, Mass. 1983-84.

**3. PROFESSIONAL MEMBERSHIPS:**

Society for History of Technology

International Committee for the History of Technology

**4. PROFESSIONAL COMMITTEES:**

Member, Dibner Prize Committee, SHOT, 2004-present

Representative to National Humanities Alliance, SHOT, 2004-2006

Member, Organizing Committee, Congress on History of Technical Education, Lisbon Portugal, October 2003

Member, Planning committee and Mobility Group, Tensions of Europe Project: History of Technology in 20<sup>th</sup> Century Europe

International History Committee, The Historical Society, 2001 ongoing

Program Committee Co-chair, The Historical Society, 2000 annual meeting

Member, SHOT Program Committee, 1995-8

Program Chair, SHOT Annual Meeting, Pasadena, 1997

Chairperson, SHOT Committee on International Scholars, 1992-1994

Chairperson, SHOT special interest group on Technology Education, 1988-1991

Member, Scholars Committee of the American Committee for the Bicentennial of the French Revolution, 1988-89

Member SHOT Robinson Prize Committee, 1990-1992

Liaison, History of Science Society and SHOT Education Committees, 1992-93

**5. ADDITIONAL SCHOLARLY ACTIVITIES AND APPOINTMENTS**

Panelist and grant reader, Fulbright Research Fellowships Program (France), 2011



**Reviewer, multi-volume book project on the History of European Technology, Palgrave-MacMillan, pub. sched. 2013.**

**Editorial Advisory Board member (current), ICON, Journal of the International Congress for the History of Technology, 2000-present**

**Member of Advisory Board, Smith College Program in the Humanities, Science and Technology, 1999-2002**

**Editorial Board Member (current), Journal of History and Technology, 2000-present**

**Organizer, Museums in a Developing World Symposium, Case Western Reserve University, March 27, 2001**

**Member, Board of Governors, The Historical Society, 1998 to 2000**

**Organizer, International Symposium on Democracy and the Culture of Communications, Sponsored by the Dean of Arts and Sciences, CWRU, the Cleveland Foundation, April 1995**

**Co-Organizer with Arthur Molella, international workshop on Science and Technology at Universal Expositions, sponsored Smithsonian Institution, March 1992**

**Organizer, Session on European History of Technology, SHOT meetings, Uppsala, Sweden, Sept. 1992**

**Organizer, Chair, and co-commentator, session on Art and Techne from Plato to Mumford, at request of College Art Association for annual meetings in New York City, February 1990.**

**Co-organizer, Science Education in Women's Colleges, session for American Historical Assoc. And Hist. of Science Society meetings, Cincinnati, Dec. 1988.**

**Co-organizer, Communications Studies Session, Society for the History of Technology meetings, Delaware, fall 1988**

**Organizer, Session on Public Funding for History of Technology Projects, SHOT meetings, Delaware, fall 1988**

**Organizer session on The Universal Expositions and French Visions of Industrial Society, Society For French historical Studies meetings, S. Carolina, March 1988**

**Developed lecture series on the Arts, Science and Technology, sponsored by Institute for the Humanities, Univ. of Mass. and Sacker Lecture Fund, Mt. Holyoke College, 1985-86. Speakers included Prof. Robert Mark, Princeton Univ.; Prof. Alistair Crombie, Oxford Univ.; Prof. Samuel Edgerton, Williams College; Ms. Sara Dickinson, M.I.T. Center for Advanced Visual Studies; Prof. Dolores Hayden, UCLA. Leader-organizer, Faculty seminar on Art, Science, and Technology, Institute for the Humanities, U.of Mass., Fall 1985 through Spring 1986**

**Co-chairperson 1983-1984 and Member, 1982-1989, Five College Social History Seminar, monthly gathering of faculty from Smith, Amherst, Mt. Holyoke colleges, and The U.of Mass., at which current projects and papers from invited speakers are discussed.**

**Member, Women's Studies Policy Board, U. of Mass., 1977-1981**

**6. ADVISING AND TEACHING:**

**Director, Undergraduate Studies, History Department, July 2003 to Oct. 2005**

**Doctoral Advisor, Terrance Uber, Doctorate awarded, May 2001 [currently tenured Asst. Prof., Kent State University**

**Doctoral Advisor, Stephen Crandall, thesis topic: The History of Telemarketing in The United States**

**Member Doctoral Committees: History: Russell Jones, Mark Bowles, Michael Fitzgibbon. I have also been an advisor or served on M.A. committees in History and on/or am currently serving on 2 committees in Art History.**

***7. CAMPUS COMMITTEES:***

**Member, IAIG Grant Committee, Provost's Office, 2011**

**Member, steering committee, Research ShowCase 2004 to 2010**

**Member, French and Francophone Studies Committee, 2003 to present**

**Member, Judaic Studies Committee, 2004 to present**

**Member, Women's and Gender Studies Committee, 2006-2011**

**Member, History and Philosophy of Science Program Faculty, 2002 to present**

**Member, President's Commission on Research and Graduate Education, Case Western Reserve University, 2002-2004**

**Member, University Program Committee, Research ShowCase. 2002-2004**

**Member, Faculty Senate Committee on Research, Case Western Reserve University, 2001-2003**

**Member, Campus Committee rewriting Human Subject Research Guidelines, 2002**

**Member Graduate Council, History Department, 2001-2002, 2005-present**

**Member, Program faculty, History and Philosophy of Science and Technology, present**

**Member Dean's Committee on Science and Society Program. 1999**

**Member Advisory Committee, Modern French Language Program, CWRU, present**

**Member Campus Committee for Outside Review of Art History Program**

**Member, History Dept. Curriculum committee**

**Chair, Asian History Search Committee**

**Member, Early Modern European History Search Committee**

***8. COMMUNITY SERVICE AND ORGANIZATIONS:***

**Member, Cleveland Council on World Affairs**

**Member, Cleveland Committee on Foreign Relations**

**Member, Cleveland Print Club**

**Member, Board of Managers, Cedar Glen Condominium**

**Public Lecture, Cleveland Museum of Art, Series in conjunction with exhibition of Gauguin's Volpini Suite, November 2010**

**Invited Sunday lecture, Rocky River Unitarian Universalist Church, April 2009**

**Invited Lecture, The Eiffel Tower in History, Cheshire Cheese Club, Cleveland, July 2006**

**Speaker, Mount Holyoke Alumnae clubs, various, 2005-present**

**Member, Sinai Synagogue, University Heights, Ohio**

**Other:**

**A popular Portland, Oregon, bakery confection is named for me**

**#SHOT: Society for the History of Technology**