

VITA

MARTIN V. MELOSI

March 19, 2014

PERSONAL DATA

Born: April 27, 1947; San Jose, California

Married: Two children

ADDRESS AND TELEPHONE

Department of History	5726 Rutherglenn Drive
University of Houston	Houston, Texas 77096
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EDUCATION

Ph.D., History, University of Texas at Austin (1975)

M.A., History, University of Montana (1971)

B.A., History, University of Montana (with honors) (1969)

ACADEMIC EMPLOYMENT

Hugh Roy and Lillie Cranz Cullen University Professor (2010-)

Distinguished University Professor of History, University of Houston (1999-2010)

Director, Center (formerly Institute) for Public History, University of Houston (1984-present)

Director of Graduate Studies, Department of History, University of Houston (2002-04)

Professor of History, University of Houston (1984-99)

Visiting Professor for the International Institute of Management, Conservatoire National des Arts et Metiers (Cnam), Paris, France (Spring, 2008)

Fulbright Senior Specialist in Environmental Science, Tampere University of Technology, Finland (2007)

Visiting Scholar, Peking University and the University of Shanghai, China (2006)

Fulbright Chair in American Studies, University of Southern Denmark-Odense, Denmark (2000-01)

Visiting Scholar, "The Sea and the Cities Program," University of Helsinki (1997, 1998)

Visiting Professor, Institut Francais d'Urbanisme, Universite` de Paris VIII (Dec., 1993)

Visiting Professor, Rice University (Spring, 1993)

Instructor to Professor, History, Texas A&M University (1975-1984)

Visiting Instructor, History, Oklahoma Baptist University (1975)

Instructor, Extension Division, University of Texas (1973-1975)

TEACHING FIELDS

**Environmental History
Urban History
History of Energy
History of Technology
Public History
Public Policy History
Recent United States**

COURSES TAUGHT

**Readings in Environmental History
Environmental Politics in the United States
History of the American City
The Urban Fringe: From Suburbia to Edge Cities
The City, Technology, and the Environment
Energy and Environment in Industrial America
Atomic Power in American History
Atomic Age America
Readings in Public History
Research in Public History
Public Policy History
History of the U.S., Colonial Period to the Present
Twentieth Century Interpretations in U.S. History
The Historian's Craft
History of Technology**

ACADEMIC HONORS

**Society of Fellows, Honors College, University of Houston (2010)
Distinguished Service Award, American Society for Environmental History (2009)
Honorary Member, La Societe des Eleves du Centre d'Histoire des Techniques et de l'Environnement, Cnam,
Paris (2008)
Ester Farfel Award, University of Houston, [The highest university recognition for career achievement in
research, teaching, and service] (2005)
Excellence in Research and Scholarship Award, University of Houston (2002)
Greenwood Community Award, Houston (1993)
George P. Hammond Prize: Phi Alpha Theta National Award
for the best paper written by a graduate student (1972)
Phi Kappa Phi: National Scholarship Honorary
Phi Alpha Theta: National History Honorary**

Listings in:

Directory of American Scholars
Contemporary Authors
International Who's Who in Education
Who's Who in the South and Southwest
International Authors and Writers Who's Who
Who's Who in the World
International Who's Who in Asian Studies
Directory of International Biography

PROFESSIONAL ACTIVITIES (Academic and Public)

Visiting Fellow, Center for Advanced Studies, Ludwig-Maximilians-Universität, Munich, Germany (2013)
Scientific Committee, "Reconciling the Ecologies of Urban Infrastructure Transitions from Sectoral to Integrated Approaches," Roundtable Conference, Tutzing, Germany (2013-14)
Participant, "Conference on Cities in a Globalizing World from Ancient Times to the Present," London, England (2013)
Co-organizer, "Energy Resources: Europe and Its Former Colonies," Rachel Carson Center for Environment and Society, Munich, Germany (2012)
Environmental Studies Scholar in Residence, University of Minnesota, Morris (2012)
Faculty, Hydrosynthesis Summer Institute, SUNY-ESF Adirondack Ecological Center, Newcomb, New York (2010)
Organizer, "Energy Capitals: Local Impact, Global Influence Workshop," University of Houston, Houston, TX (2010)
Foreign Associated Member in Environmental History, Conservatoire National des Arts et Métiers (Cnam), Paris, France (2008-present)
Scientific Advisory Team, Hydrosynthesis Project, City College of New York, New York (2009-present)
Organizer, "Cities in the Americas" Workshop, University of Houston (2010)
Scientific Committee, Cities and Energy Transitions: Past, Present, Future, International Roundtable Conference, Autun, France (2009)
Organizer, Centers for Energy Management and Policy (CEMAP), UH (2009)
Advisory Board, Water History (2009-present)
Research Associate, Center for Public Policy, UH (2008-present)
Texas Legacy Oral History Interview (2008)
Advisory and Planning Committee, "Re-Imagining Cities: Urban Design after the Age of Oil," School of Design, University of Pennsylvania, Philadelphia, PA (2008)
Co-Editor (with Maurits Ertsen, Delft University), "History and Water," Special Issue of Physics and Chemistry of the Earth (2007-2009)
Editorial Board, Environmental Justice (2007-present)
Editorial Board, Global Environment: Journal of History and Natural and Social Sciences, Naples, Italy (2006-present)
Editorial Board, Klaudyán, Prague, Czech Republic (2006-present)
Content Advisory Board, Liquid Assets: The Story of Our Water Infrastructure, Penn State Public Broadcasting, University Park, PA (2007-08)
Edelstein Book Prize Committee, Society for the History of Technology (2007-09)
General Editor (with Joel Tarr), History of the Urban Environment Series, University of Pittsburgh Press (2004-present)
Distinguished Lecturer, Organization of American Historians (2007-2013)
Editor, Public Works History (Newsletter of the Public Works Historical Society) (2005-present)

Associate Editor, Encyclopedia of American Environmental History (2005-present)
 Editorial Board, Environmental History (2005-present)
 Member, American Public Works Association Masters Degree Task Force (2004-05)
 Scientific Committee for Postgraduate Studies on Urbanism, Institut d'Architecture, Universite` de Geneve
 (2004-05)
 Universality Research Council, UH (member, 2003-04; vice chair, 2004-05; CHAIR, 2005-06)
 Chair, Book Prize Committee, Urban History Association (2004-05)
 Advisory Committee, NEH Teaching Project, Environmental Literacy Council (2003-04)
 Advisory Board, Department of History, Carnegie-Mellon University (2003-08)
 Faculty Examiner (Opponent), Linkoping University, Sweden (2003)
 Chair, George Perkins Marsh Prize Committee, American Society for Environmental History (2002-03)
 Conference co-director, "The City in North America: Historical and Comparative Perspectives on Public Works
 and Urban Services, the Environment, and Political Culture," Mexico City (2001)
 Consultant, NEH Consultation Grant, Tempe Historical Museum, Tempe, AZ (2001)
 Expert Panel, Spaces of Nature and Culture Program, Academy of Finland, Helsinki (2001)
 Founding Member, International Water History Association, Paris (2000)
 Partner, History International, L.L.C. (1999-2004)
 Advisory Board, H-Environment (2000-2004)
 Board of Directors, Historical Research Associates, Inc., Missoula, Montana (1994-2005)
 Editorial Board, Public Works Management and Policy (1995-2006)
 Director, Tenneco Distinguished Lecture Series, University of Houston (1985-93, 1996-present)
 Program Committee, American Association for State and Local History (2000)
 Program Evaluator, "Water Crises in Texas and the Southwest," Southwest Environmental History Symposium,
 San Antonio (1998)
 Advisory Board, Environmental Institute of Houston (1997-present)
 Associated Faculty, Environmental Engineering Program, UH
 General Editor, Environmental History Series, Texas A&M
 University Press (1978-93)
 Faculty, "People, Prairies, and Plains Institute," NEH Institute, Kansas State University (1995)
 Faculty, NEH Environmental History Institute, Southwest Texas State University (1991)
 Humanities Evaluator, "The Virtual City," Rice Design Alliance (1994)
 Program Chair, "The Environment and the Mechanized World," the national conference of the American Society
 for Environmental History, Houston, TX (1991)
 Exhibit Advisor, "Rotten Truth (About Garbage)," Smithsonian Institution Traveling Exhibition Service,
 Washington, D.C. (1998)
 Exhibit Consultant, Office of Environmental Awareness, Smithsonian Institution, Washington, D.C. (1990-93)
 Exhibit Consultant, State Museum of Pennsylvania, Harrisburg (1992)
 Film Consultant, "Talking Trash," Nomad Productions (1992)
 Program and Local Arrangements Chair, American Society for Environmental History National Conference,
 Houston (1991)
 Editorial Board, Journal of Policy History (1987-90)
 Guest Editor, Special Issue: "Urban Public Policy: Historical Modes and Methods," Journal of Policy History
 (1993)
 Board of Advisers, Environmental Liability Law Program, Law Center, University of Houston (1987-92)
 Director, Public History Roundtable, Houston (1984-95)
 Director, "Dumps, Landfills, and the Neighborhoods: Human Implications of Waste Disposal in Houston," and
 "Solid Waste and the Gulf Coast Environment," conferences sponsored by the Texas Committee for the
 Humanities (1985-1987)
 Book Review Editor, Environmental Review (1981-1984)
 Consulting Editor, Encyclopedia of Southern Culture (1982-1984)
 Consulting Editor, Handbook of Texas (1984-1986)

Advisory Committee, Source Separation and Recovery Project, Public Works Historical Society (1978)
Advisory Board, Research Center for the Hospitality Industry, Conrad Hilton School of Hotel and Restaurant Management, U H (1986-88)
Manuscript Referee, John Wiley and Sons; University of Missouri Press; Technology and Culture; The Maryland Historian; University of Texas Press; Harlan Davidson, Inc.; Prentice-Hall; Trinity University Press; Southwestern Historical Quarterly; Environmental History Review; American Historical Review; University Press of Kansas; The Public Historian; Journal of American History; Journal of Urban History; Journal of Military History; Journal of Policy History; D.C. Heath; Knowledge; National Geographic Society; Greenwood Press; Ohio State University Press; American Quarterly; Journal of Historical Geography; Purdue University Press; University of Florida Press; Water International; AMBIO; Local Environment; Nineteenth Century Studies; Urban History; University of Ohio Press; Rutgers University Press, University of Kansas Press, University of British Columbia Press, Cornell University Press; Wisconsin Magazine of History; University of Pittsburgh Press; Johns Hopkins University Press; Harvard University Press
Program Referee, National Science Foundation; National Endowment for the Humanities; National Humanities Center; National Geographic Society; Environmental Protection Agency
Director, Texas Graduate History Symposium, U. of Texas (1974)

LITIGATION SUPPORT

Expert witness for plaintiff (working through U.S. Department of Justice), United States v. Shell Oil Company, et al, 1994-1998
Expert witness for plaintiff (working through Voss, Cook & Thel, Newport Beach, CA), Western Properties Service Corporation v. Shell Oil Company, et al, 1996-1998
Expert consultant for defendant (working through Brinks Hofer Gilson & Lione), EAC Operations, Inc. v. City of Chicago, 2001-02
Expert witness for plaintiff (working through Cox, Castle & Nicholson, San Francisco, CA), Thomas V. Fogarty and the Thomas V. and Mary R. Fogarty Revocable Trust v. The City of Chico, California; Butte County, California, et al, 2006-07

PROFESSIONAL AFFILIATIONS

American Society for Environmental History (Membership Chair, 1979; Nominating Committee, 1982, 1999; Executive Committee, 1980, 1984-1990; Vice President, 1981-1982; Program Chair, 1990-91; PRESIDENT, 1993-95; Local Arrangements Committee, 2004-05; Development Committee, 2008-09; Fundraising Committee, 2013-)
International Water History Association (Executive Committee, 2003-05)
National Council on Public History (Nominating Committee, 1985; Board of Directors, 1985-1989; Vice President, 1991-92; PRESIDENT, 1992-93)
Public Works Historical Society (Board of Trustees, 1983-1987; Vice President, 1987-1988; PRESIDENT, 1988-89)
Urban History Association (Board of Directors, 1991-93; President-Elect, 2006-07; PRESIDENT, 2008-09; Conference Program Chair, 2008-09)
Organization of American Historians (Local Arrangements Committee, 2011 meeting)
Society for the History of Technology (Advisory Committee, 2003-04)
American Historical Association
Southern History Association (Membership Committee, 1990-91)

PUBLICATIONS

BOOKS

Atomic Age America (New York: Pearson, 2013)

Energy Capitals: Local Impact, Global Influence (edited with Joseph Pratt and Kathleen Brosnan) (Pittsburgh: University of Pittsburgh Press, 2014)

New World Cities: Twentieth-Century Challenges (edited with John Tutino) (under review)

Precious Commodity: Providing Water for America's Cities (Pittsburgh: University of Pittsburgh Press, 2011)

The Sanitary City: Environmental Services in Urban America from Colonial Times to the Present, Abridged Edition (University of Pittsburgh Press, 2008)

Energy Metropolis: An Environmental History of Houston and the Gulf Coast (editor and contributor with Joseph Pratt) (Pittsburgh: University of Pittsburgh Press, 2007)

Thomas A. Edison and the Modernization of America, rev. ed. (Reading, MA: Longman, 2007)

The New Encyclopedia of Southern Culture, Volume 8: Environment (Chapel Hill: University of North Carolina Press, 2008) (editor)

The History of Large Federal Dams: Planning, Design, and Construction (with David P. Billington and Donald C. Jackson) (Denver, CO: U.S. Department of Interior, Bureau of Reclamation, 2005)

Garbage in the Cities: Refuse, Reform and the Environment, 1880-2000, rev. ed. (Pittsburgh: University of Pittsburgh Press, 2005)

Public History and the Environment (editor and contributor with Philip Scarpino) (Malabar, FLA: Krieger Pub., 2004)

Effluent America: Cities, Industry, Energy, and the Environment (Pittsburgh: University of Pittsburgh Press, 2001) (editor/author)

The Sanitary City: Urban Infrastructure in America from Colonial Times to the Present (Baltimore: Johns Hopkins University Press, 2000)

Winner of the George Perkins Marsh Prize, American Society for Environmental History, for the best book in environmental history (2000); winner of the Abel Wolman Prize, Public Works Historical Society, for the best book in public works history (2001); winner of the Urban History Association Prize for the best book in North American Urban History (2001); winner of the Sidney Edelstein Prize, Society for the History of Technology, for an outstanding scholarly book in the history of technology (1999-2001)

Urban Public Policy: Historical Modes and Methods (University Park, PA: Penn State Press, 1993) (editor and contributor)

Thomas A. Edison and the Modernization of America (Reading, MA: Addison, Wesley Longman, 1990)

Coping with Abundance: Energy and Environment in Industrial America (New York: Alfred Knopf, 1985) [Also

published in hardcover by Temple University Press, 1985]

Garbage in the Cities: Refuse, Reform and the Environment, 1880-1980 (College Station and London: Texas A&M University Press, 1981; Environmental History Series #4) [Also published in softcover by Wadsworth Press, 1988]

Pollution and Reform in American Cities, 1870-1930 (Austin: University of Texas Press, 1980) (editor and contributor; individual articles listed below)

The Shadow of Pearl Harbor: Political Controversy over the Surprise Attack, 1941-1946 (College Station and London: Texas A&M University Press, 1977; second printing, 1978)

PROCEEDINGS AND REPORTS

"Space Shuttle Columbia Memorial Special Resource Study: Preliminary Assessment Of National Significance," (with Jeffrey Womack), U.S. Department of Interior, National Parks Service (2010)

"An Interview with James L. Martin," Public Works Oral History, Interview Number 14, August, 2006, 91pp.

"Historical Significance of Buffalo Bayou, Houston, Texas," (with Thomas McKinney and Terry-Tomkins-Walsh), National Heritage Area Nomination, U.S. Department of Interior, National Parks Service (2005)

"Fresno Sanitary Landfill," National Historic Landmark Nomination (NPS Form 10-900), U.S. Department of Interior, National Parks Service (August, 2000)

"Comparative Environmental Management in the Americas: Social, Cultural, and Legal Perspectives," edited with Shannon K. McClendon. (Houston: Institute for Public History, 1993)

MONOGRAPHS AND BOOK CHAPTERS

"Coping with Abundance Revisited: American Energy Choices," *From Exploitation to Sustainability? Global Perspectives on the History and Future of Resource Depletion, Nova Acta Leopoldina* 390 (2013): 129-37.

"Houston's Public Sinks: Water and Wastewater Services in the 'Energy Capital' of the World," in Terje Ostigard, ed., *A History of Water*, Series III, volume 1: *Water and Urbanization* (London: I.B. Tauris & Co., Ltd, forthcoming), 450-73.

"The Modern Urban Environment," in Peter Clark, ed., *The Oxford Handbook of Cities in World History* (London: Oxford University Press, 2013), 700-19.

"Full Circle? Public Responsibility versus Privatization of Water Supplies in the United States," in Bernard Barraque, ed., *Urban Water Conflicts* (London: CRC Press/UNESCO Publishing/Taylor & Francis, 2011), 39-56.

"Houston: The Energy Metropolis (2007)," (with Joseph A. Pratt) in Steven H. Corey and Lisa Krissoff Boehm, eds., *The American Urban Reader: History and Theory* (New York: Routledge, 2011), 287-97.

- “Mainstreaming Environmental History,” in Kimberly Coulter and Christof Mauch, eds., *The Future of Environmental History: Needs and Opportunities*, Rachel Carson Center Perspectives 3 (2011): 31-33.
- “Cities and the Environment” (with Jordan Bauer), in J.R. McNeill and E.C. Stewart, eds., *A Companion to Global Environmental History* (West Sussex, UK: Blackwell Pub., 2012), 360-76.
- “Waste Management,” in William H. McNeill, Jerry H. Bentley & David Christian, eds., *Berkshire Encyclopedia of World History*, 2d. ed., (Great Barrington, MA: Berkshire Pub., 2011): 2777-85.
- “Waste Management,” in Sara Fredericks, Lei Shen, Shirley Thompson & Daniel Vasey, eds., et al, eds., *The Encyclopedia of Sustainability*, vol. 4: *Natural Resources and Sustainability*, (Great Barrington, MA: Berkshire Pub., 2011): -----.
- “Environmental Policy,” in Mitchell Lerner, ed., *A Companion Guide to Lyndon B. Johnson* (New York: Wiley-Blackwell Pub., 2012), 187-209.
- “Full Circle? Public Responsibility versus Privatization of Water Supplies in the United States,” Steven A. Moore, ed., *Pragmatic Sustainability: Theoretical and Practical Tools* (New York: Routledge, 2010): 215-32.
- “Energy Transitions in Historical Perspective,” in Brendan Dooley, ed., *Energy and Culture: Perspectives on the Power to Work* (Hampshire, England: Ashgate, 2006), 3-18. (Reprinted in Laura Nader, ed., *The Energy Reader* (Chichester, UK: Wiley-Blackwell, 2010), 45-60).
- Foreward, *Echoes from the Poisoned Well: Global Memories of Environmental Injustice*, edited by Sylvia Hood Washington, Heather Goodall, and Paul Rosier (Lanham, MD: Lexington Books, 2006).
- “Urban Environmental History on Two Continents: Europe and the United States,” in *Proceedings of the International Congress on the Historical Sciences* (Sydney, 2005).
- “Preface,” in Petri S. Juuti and Tapio S. Katko, eds., *Water, Time and European Cities: History Matters for the Futures* (EU: Water Time, 2005), 12.
- “Path Dependence and Urban History: Is a Marriage Possible?” in Dieter Schott, Bill Luckin, and Genevieve Massard-Guilbaud, eds., *Resources of the City: Contributions to an Environmental History of Modern Europe* (Hampshire, England: Ashgate, 2005), 262-75.
- “Environmental Justice, Eco-Racism, and Environmental History, in Diane D. Glave and Mark Stoll, eds., *“To Love the Wind and Rain”: Essays in African American Environmental History* (Pittsburgh: University of Pittsburgh Press, 2006), 120-32.
- “Environmental Justice: Policy Challenges and Public History” (with Christopher Foreman) in Martin V. Melosi and Philip Scarpino, ed., *Public History and the Environment* (Krieger Pub., 2004), pp. 227-250.
- “The Historical Dimension of Urban Ecology: Frameworks and Concepts,” in Alan R. Berkowitz, Charles H. Nilon, and Karen S. Hollweg, eds., *Understanding Urban Ecosystems: A New Frontier for Science and Education* (New York: Springer-Verlag, 2003), pp. 187-200.
- “George Warren Fuller,” *American National Biography* (Oxford University Press, 2000); also <http://www.anb.org/articles/13/13-00572.html>.
- “Equity, Eco-Racism, and the Environmental Justice Movement,” in J. Donald Hughes, ed., *The Face of the Earth:*

- Environment and World History* (Armonk, New York: M.E. Sharpe, 2000), pp. 47-75.
- "Sanitary Engineers in American Cities: Changing Roles from the Age of Miasmas to the Age of Ecology," in Jerry R. Rogers, Donald Kennon, Robert T. Jaske, and Francis E. Griggs, Jr., eds. *Civil Engineering History: Engineers Make History* (New York: ASCE, 1996), pp. 108-22.
- Forward, in Joel A. Tarr, *Searching for the Ultimate Sink* (Akron: University of Akron Press, 1996).
- "Environmental History as a Mode of Thinking," in McClendon and Melosi, eds., *Comparative Environmental Management in the Americas*, pp. 83-99.
- "Pollution and the Emergence of Industrial America," in Judith E. Jacobsen and John Firor, eds., *Human Impact on the Environment: Ancient Roots, Current Challenges* (Boulder, CO: Westview Press, 1992), pp. 91-114.
- "The Neglected Challenge: Energy, Economic Growth and Environmental Protection in the Industrial History of the U.S.," in John Byrne and Daniel Rich, eds., *Energy and Environment: The Policy Challenge* (New Brunswick, N.J.: Transaction Press, 1992), pp. 49-87.
- The Origins and Development of American Environmental History," in Linda Moore, et al, *Instructor's Resource Manual: America's History* (New York: Worth Pub., 1993), pp. E39-E43.
- "The Pearl Harbor Investigations," *Encyclopedia of the United States Congress* ed. by Donald C. Bacon, Roger H. Davidson, Morton Keller (New York, 1995).
- "Waste," in Ruth A. Eblen and William R. Eblen, eds., *Encyclopedia of the Environment* (Boston: Houghton Mifflin Co., 1994), pp. 789-94.
- "The Energy Crisis," Robert Paelhke, ed., *Conservation and Environmentalism: An Encyclopedia* (Hamden, CT: Garland Pub. Inc., 1995), pp. 212-14.
- "Sewerage and Sanitation Systems," Neil Larry Shumsky, ed., *American Cities and Suburbs: An Encyclopedia* (Santa Barbara, CA: ABC-CLIO, 1998), pp. 696-98.
- "Garbage and Garbage Collection," Neil Larry Shumsky, ed., *American Cities and Suburbs: An Encyclopedia* (Santa Barbara, CA: ABC-CLIO, 1998), pp. 316-17.
- "Lyndon Johnson and Environmental Policy," in *The Johnson Years* v. II, edited by Robert A. Divine (Lawrence, Kansas: University Press of Kansas, 1987), pp. 113-149.
- "The British Destructor: Transfer of a Waste Destruction Technology," Joel A. Tarr and Gabriel Dupuy, eds., *Technology and the Rise of the Networked City in Europe and America* (Philadelphia: Temple University Press, 1988), winner of the Abel Wolman Prize in Public Works History [Published in French as "Le 'destructeur' britannique: Transfert des techniques et destruction des dechets," *Les reseaux techniques urbains* nos. 23-24 of *Les annales de la recherche urbaine* (July-December, 1984): 103-113.
- "The Third Energy Transition: Origins and Environmental Implications," in Robert H. Bremner, Gary W. Reichard and Richard J. Hopkins, eds., *American Choices: Social Dilemmas and Public Policy Since 1960* (Columbus, Ohio: Ohio State University Press, 1986), pp. 187-218.
- "Environment," *Encyclopedia of Southern Culture* (Chapel Hill, N.C.: University of North Carolina Press, 1989),

pp. 315-321.

"Environmental Reform in the Industrial Cities: The Civic Response to Pollution in the Progressive Era," in Kendall E. Bailes, ed., *Environmental History: Critical Issues in Comparative Perspective* (Lanham, Md.: University Press of America, 1985), pp. 494-515.

"Dallas-Fort Worth: Marketing the Metroplex," in Richard M. Bernard and Bradley R. Rice, eds., *Sunbelt Cities: Politics and Growth Since World War II* (Austin: University of Texas Press, 1983), pp. 162-195.

"Energy Transitions in the Nineteenth-Century Economy," in George H. Daniels and Mark H. Rose, eds., *Energy and Transport: Historical Perspectives on Policy Issues* (Beverly Hills, CA.: Sage Publications, 1982), pp. 55-69.

Dallas-Fort Worth: Politics, Economy, and Demography Since World War II (Monticello, ILL.: Vance Bibliographies, 1982).

Bibliography on Urban Pollution Problems in American Cities from the Mid-Nineteenth through the Mid-Twentieth Centuries (Monticello, ILL.: Vance Bibliographies, Public Administration Series, 1981).

"Environmental Crisis in the City: The Relationship Between Industrialization and Urban Pollution, 1840-1920," *Pollution and Reform in American Cities, 1870-1930*, pp. 3-34 [Excerpted as "The Urban Environmental Crisis," in Leon Fink, ed., *Major Problems in the Gilded Age and the Progressive Era* (Lexington, MA, 1992), pp. 423-34]; "Environmental Crisis in the City," in Brenda Stalcup, ed., *The Industrial Revolution* (Greenhaven Press, 2002).

"Refuse Pollution and Municipal Reform: The Waste Problem in America, 1880-1930," in *Pollution and Reform in American Cities, 1870-1930*, pp.105-134 [Excerpted as "Refuse Pollution and Municipal Reform: The Waste Problem in America, 1880-1917," in *The American City and Technology Reader: Wilderness to Wired City* (London: Routledge and the Open University, 1999), pp. 163-72].

"A Bibliography of Urban Pollution Problems," in *Pollution and Reform in American Cities, 1870-1930*, pp. 199-208.

Pragmatic Environmentalist: Sanitary Engineer George E. Waring, Jr. (Washington, D.C.: Public Works Historical Society, April, 1977; Essay #4).

ARTICLES

"Environmental History and Historical Geography: (Often) Excellent Relationship," Reflections on the American Environment, *Journal of Historical Geography* 30 (2013): 12-14.

"Public Works Historical Society: The Beginnings of a Unique Organization," *APWA Reporter* 79 (June 2012): 66.

"Di Razza: Il Movimento per la Giustizia Ambientale negli Stati Uniti," *Zapruder* 30 (January-April, 2013): 8-21.

"The Fascinating History of Fresh Kills," *APWA Reporter* 79 (March 2012): 42-43.

"Solid Waste Practices before the Industrial Revolution," *APWA Reporter* 78 (March 2011): 41.

"Water, Water Everywhere: Who Controls It? *APWA Reporter* 78 (February 2011): 41.

- "Humans, Cities, and Nature: How Do Cities Fit in the Material World?" *Journal of Urban History* 36 (January 2010): 3-21.
- "Recycling and Recovery of Waste: A Worldwide Issue," *APWA Reporter* 77 (March 2010): 41.
- "Standing on Fishes: A History of Supplying Water to Houston," *Cite* (Summer 2009): 18-21.
- "Houston: Energy Capital," *New Geographies* 2 (2009): 97-102.
- "How the City is Built," *Environmental History* 10 (October, 2005): 713-14.
- "The Automobile and the Environment in American History" and "The Automobile Shapes the City," *Automobile in American Life and Culture*, Internet www.autolife.umd.umich.edu. (2005).
- "The Pipe-Bound City," *Historisk tidskrift* (2004).
- "The Fresno Sanitary Landfill in an American Cultural Context," *Public Historian* 24 (Summer, 2002): 17-35.
- "Solid Waste Management," in Shepard Krech III, J.R. McNeill, Carolyn Merchant, eds., *Encyclopedia of World Environmental History* (New York: Routledge, 2004), pp. 1291-99.
- "Pure and Plentiful: The Development of Modern Waterworks in the United States, 1801-2000," *Water Policy* 69 (2000): 243-65.
- "To Discard or Not to Discard: Some Thoughts from the Center of Denmark," *Newsline* (2000): 2.
- "Cleaning Up Our Act: Germ Consciousness in America," *Reviews in American History* 27 (June, 1999): 259-66.
- "Environmental Justice, Political Agenda Setting, and the Myths of History," *Journal of Policy History* 12 (2000): 43-71.
- "George Warren Fuller," *American National Biography* 8, ed. By John A. Garraty and Mark C. Carnes (New York: Oxford University Press, 1999), pp. 545-47.
- "The Viability of Incineration as a Disposal Option: The Evolution of a Niche Technology, 1885-1995," *Public Works Management & Policy* 1 (July, 1996): 40-51.
- "Equity, Eco-racism and Environmental History," *Environmental History Review* 19 (Fall, 1995): 1-16 (Reprinted in expanded form in Char Miller and Hal Rothman, eds., *Out of the Woods: Essays in Environmental History* (Pittsburgh: University of Pittsburgh Press, 1997), pp. 194-211.
- "The Garbage Crisis and the Weight of History," *Journal of Urban Technology* 1 (Summer, 1994): 1-20.
- "Historic Development of Sanitary Landfills and Subtitle D," *Energy Laboratory Newsletter* 31 (1994): 20-24.
- "Public History and the Environment," *Public Historian* 15 (Fall, 1993): 11-20.
- "Energy, Environment, and the Federal Bureaucracy," *Reviews in American History* 21 (September, 1993): 494-501.
- "The Place of the City in Environmental History," *Environmental History Review* 17 (Spring, 1993): 1-23.

- "Sanitary Services and Decision-Making in Houston, 1876-1945," *Journal of Urban History* 20 (May, 1994): 365-406.
- "Down in the Dumps: Is There a Garbage Crisis in America?" *Journal of Policy History* 5 (1993): 100-27.
- "Cities, Technical Systems, and the Environment," *Environmental History Review* 14 (Spring/Summer, 1990): 45-64.
- "Community and the Growth of Houston," *Houston Review* 11 (1989): 107-121.
- "Hazardous Waste and Environmental Liability: A Historical Perspective," *Houston Law Review* 25 (Summer, 1988): 1-39 [Excerpted as "City Wastes," in Carolyn Merchant, ed., *Major Problems in American Environmental History* (Lexington, MA:Heath, 1993), pp. 427-34.
- "Energy and Environment in the United States: The Era of Fossil Fuels," *Environmental Review* 11 (Fall, 1987): 167-188.
- "Thomas Alva Edison and Urban Energy Systems," *Energy Laboratory Newsletter* No. 16 (Spring, 1987): 15-18.
- "The Triumph of Revisionism: The Pearl Harbor Controversy, 1941-1982," *Public Historian* 5 (Spring, 1983): 87-103.
- "Battling Pollution in the Progressive Era," *Landscape* 26 (1982): 35-41.
- "Waste Management: The Cleaning of America," *Environment* 23 (Oct., 1981): 6-13, 41-44 (Reprinted in *Annual Editions: Biology, Fourth Edition, 1983*).
- "Sanitary Engineers: Technical Specialists or Environmental Generalists?" *Public Works Historical Society Newsletter* (Nov., 1982), pp. 5-7.
- "The Urban Physical Environment and the Historian: Prospects for Research, Teaching, and Public Policy," *Journal of American Culture* 3 (Fall, 1980): 526-540.
- "Urban Pollution: Historical Perspective Needed," *Environmental Review* 3 (Spring, 1979): 37-45.
- "National Security Misused: The Aftermath of Pearl Harbor," *Prologue: The Journal of the National Archives* 9 (Summer, 1977): 79-89.
- "Political Tremors from a Military Disaster: 'Pearl Harbor' and the Election of 1944," *Diplomatic History* 1 (Winter, 1977): 79-95.
- "James W. Gerard: Amateur Ambassador to Germany, 1913-1917," *West Texas Historian* 5 (1974): 19-28.
- "'Out of Sight, Out of Mind': The Environment and the Disposal of Municipal Refuse, 1860-1920," *The Historian* 35 (August, 1973): 621-640 (George P. Hammond Prize Essay).
- "The United States at the London Economic Conference of 1933: The Failure of American-European Cooperation," *Paisano: The Historian of the University of Texas* 9 (1970-1972): 53-62.

BOOK REVIEWS

I have written numerous book/film reviews for the following journals and presses among others:

American Historical Review, The Annals of the American Academy of Political and Social Sciences, Environmental History Review, environment and History, Film and History, Georgia Historical Quarterly, Gulf Coast Historical Review, The Historian, Houston Review, Indiana Magazine of History, ISIS, Journal of American History, Journal of the Gilded Age and Progressive Era, Journal of Southern History, Journal of the West, Military Affairs, New Jersey History, Pacific Historical Review, Pacific Northwest Quarterly, Presidential Studies Quarterly, Public Historian, Red River Valley Historical Journal, Southwestern Historical Quarterly, Teaching History, Technology and Culture, H-Net; Oregon State University Press; MIT Press; Cornell University Press; University of Pittsburgh Press; Rutgers University Press; University Press of Kansas; University of Chicago Press; Johns Hopkins University Press; Harvard University Press; Routledge Press; Wiley-Blackwell.

RESEARCH IN PROGRESS

On An Island Not So Far: New Yorkers, Staten Island, and Fresh Kills (4 chapters completed)

FELLOWSHIPS AND GRANTS*

“Energy Resources, Europe, and Its Former Colonies,” Rachel Carson Center for the Environment and Society, Munich, Germany, to the Center for Public History (2011-12)

“Energy Capitals: Local Impact, Global Influence,” National Science Foundation Grant, to the Center for Public History (2009-10)

Grant, National Park Service-Denver, National Heritage Proposal [Buffalo Bayou] (2008-09)

Grant, National Park Service-Denver, National Heritage Proposal [Buffalo Bayou] (2004-05)

Grants, Environmental Institute of Houston, UH (1994-1999, 2001-10)

Inter-Country Travel Grant, Finnish Fulbright Commission, Helsinki (2001)

Faculty Development Grant, College of Humanities, Fine Arts, and Communication, University of Houston (2000-01)

Faculty Development Summer Grant, College of Humanities, Fine Arts, and Communication, UH (1995)

Faculty Development Grant, College of Humanities, Fine Arts, and Communication, UH (1992-93)

Visiting Scholar, Museum of American History, Smithsonian Institution, Washington, D.C. (1991)

Research Grant, Program in Humanities, Science, and Technology, National Endowment for the Humanities (1988-1992)

Grants, New Jersey Historical Commission (1986-1988)

Grant, Energy Laboratory, University of Houston (1986, 1988-1999)

Summer Grant, Environmental Liability Law Program, Law Center, UH (1987)

Limited Grant-in-Aid, UH (1986-1987)

Summer Fellowship, Institute for Teaching Public History, National Endowment for the Humanities, Tempe, Arizona (1984)

Postdoctoral Fellowship, National Humanities Center, Research Triangle Park, North Carolina (1982-1983)

Summer Stipend, College of Liberal Arts, Texas A&M University (1982)

Summer Fellowship, National Endowment for the Humanities (1980)

Energy-Related Course Development Grant, Center for Energy and Mineral Resources, TAMU (1978)

Postdoctoral Fellowship, Environmental Affairs, The Rockefeller Foundation (1976-1977)
Research Grants, TAMU (1975-1978, 1981)
Graduate Fellowship, University of Texas (1975)
Dora Bonham Grant, Department of History, UT (1975)
Dissertation Fellowship, Ford Foundation/International Studies Association, University of Pittsburgh (1974)
Research Grant, Eleanor Roosevelt Institute (1974)
Research and Travel Grants, UT (1973-1974)

*I was also selected as Visiting Scholar to the Department of Energy, but funds for the position were not appropriated due to federal budget cuts in 1981.

PRESENTATIONS

Chair and Commentator, "The Problems and Possibilities of Want: Scarcity and the State in China, India, and Japan," Crossing Divides, Annual Conference of the American Society for Environmental History, San Francisco, CA. (2014)

"Nuclear Energy and the Rise of Environmentalism," Pivotal Year: The 1973 Oil Shock and Its Global Significance Conference, Florence, Italy (2013)

Chair, "Environmental Pollutants in North America," Confluences, Crossings, and Power, Annual Conference of the American Society for Environmental History, Toronto, Canada (2013)

"The Modern Urban Environment: With Some Reflections about the Global North and Global South," A Dialogue Brazil-USA on Environmental History: Defining Agendas and Common Research Strategies, Rio de Janeiro, Brazil (2013)

Round Table, "Environmental History: Cities, Bodies and Cultures," A Dialogue Brazil-USA on Environmental History: Defining Agendas and Common Research Strategies, Rio de Janeiro, Brazil (2013)

Keynote, "What is New in Environmental History? The United States Perspective," Deuxiemes Rencontres d'Histoire de l'Environnement en Belgique, University of Namur, Namur, Belgium (2012)

"Water is Not the Next Oil," Cloudy with a Chance of Solutions: The Future of Water, Radcliffe Institute for Advanced Study, Harvard University, Cambridge, MA (2012)

"A Precious Commodity: Providing Water for America's Cities," Texas Water Law: 22nd Annual CLE International SuperConference, Water Law Institute, Austin, TX (2012)

Discussant, "Constructing Socio-Technical Regimes: Buildings, Districts, Systems and Synergies," From Networked to Post-Networked Urbanism: New Infrastructure Configurations and Urban Transitions, International Roundtable Workshop, Autun, France (2012)

Chair, "Post-networked Configurations: Between Pervasiveness and Absence," From Networked to Post-Networked Urbanism, Autun, France (2012)

Participant, 1st Annual Scholars Workshop: Regulating the Urban Environment, Center for Urban Environmental Reform, CUNY School of Law, Long Island City, New York (2012)

"The Atom and the End of the Democracy of Science," The Making of Modern America, Humanities Texas, Houston, Texas (2012)

Public Lecture, "Too Cheap to Meter, Too Tempting to Ignore: Civilian Nuclear Power in American History," University of Minnesota, Morris (2012)

Featured Speaker, "Democracy of Science No More: The Untimely Discovery of Nuclear Fission in the 1930s," Lone Star Historians of Science, Rice University (2012)

Keynote Address, "Water Systems in the Sanitary City: A History of the USA," Workshop on Water Systems and Urbanization in Africa and Beyond, Nordic Africa Institute, Uppsala University, Uppsala, Sweden (2012)

"Environmental History and Historical Geography: An Excellent Relationship," Historical Geography of the Environment: Overview and Assessment, Association of American Geographers Meeting, New York City (2012)

Chair, "The Political Economy of Urban Infrastructure: Kansas City, Galveston, Los Angeles," "From the Local to the Global: Ethics, Environmentalism, and Environmental History in an Interdependent World," Annual

Conference of the American Society for Environmental History, Madison, Wisconsin (2012)

Chair and Commentator, "Conflict and Consensus: The Reaction to 'the Peaceful Atom' in the United States, 1955-1980," "From the Local to the Global: Ethics, Environmentalism, and Environmental History in an Interdependent World," Annual Conference of the American Society for Environmental History, Madison, Wisconsin (2012)

Chair, "Can Nature Cure Us? Science, technology and Invisible Agents of Urban Health in progressive America," "From the Local to the Global: Ethics, Environmentalism, and Environmental History in an Interdependent World," Annual Conference of the American Society for Environmental History, Madison, Wisconsin (2012)

Panelist, "Fukushima: An International Perspective," American Historical Association Conference, Chicago (2012)

"Full Circle? Public Responsibility versus Privatization of Water Supplies in the United States," HST Lecture Series, School of History, Technology, and Society, Georgia Tech University, Atlanta (2011)

"Full Circle? Public Responsibility versus Privatization of Water Supplies in the United States," Water Working Group, Office of the City Attorney, City of Houston (2011)

Chair, "Energy as System, Symbol, and Spectacle," "History and Sustainability," Annual Conference of the American Society for Environmental History, Phoenix, Arizona (2011)

Panelist, "Sustaining Hal Rothman's Legacy, Expanding Its Reach," "History and Sustainability," Annual Conference of the American Society for Environmental History, Phoenix, Arizona (2011)

Chair, Environmental NGOs in a Globalized World (1920s-today), "History and Sustainability," Annual Conference of the American Society for Environmental History, Phoenix, Arizona (2011)

"To the Brink: The Arms Race and the Berlin and Cuban Crises," U.S. Air Force Academy, Colorado Springs, Colorado (2011)

"The American Metropolis in the 1960s," Concrete Utopias: 1960s Architecture and Urbanism, Hines College of Architecture, University of Houston (2011)

Invited Lecture, "Coping with Abundance Revisited: American Energy Choices," From Exploitation to Sustainability? Global Perspectives on the History and Future of Resource Depletion, Rachel Carson Center, Munich, Germany (2010)

Roundtable: Joel Tarr and Environmental History: A Career in Perspective," Sustainable Cities? 5th Biennial Conference of the Urban History Association, Las Vegas, Nevada (2010)

Invited Lecture, "Energy Transitions in Historic Perspective: Some Thoughts," The John E. Sawyer Seminars on Energy and Society, Boston University, Boston (2010)

Invited Lecture, "The End of the Democracy of Science," Atomic History Lecture Series, Honors College, University of Oklahoma, Norman, OK (2010)

Panelist, "Needs: Which Fields and Questions Have Been Neglected in the Past and Where Should We Go from Here?" Opportunities and Needs in Environmental History, Rachel Carson Center (Munich, Germany) and the National History Center, Washington, D.C. (2010)

"The Energy Capital of the World?: Oil-led Development in Twentieth-Century Houston" (with Joseph Pratt) "Energy Capitals: Local Impact, Global Influence Workshop," University of Houston, Houston, TX (2010)

"Houston: Energy Capital, Opportunity City,"(with Joseph Pratt), "Cities in the Americas" workshop, University of Houston (2010)

Chair, "Mass Motorization and the Environment," Currents of Change, Annual Meeting of the American Society for Environmental History and the National Council on Public History, Portland, Oregon (2010)

Panelist, "The Historiography of Over-consumption, Under-management and Sustainability," Currents of Change, Annual Meeting of the American Society for Environmental History and the National Council on Public History, Portland, Oregon (2010)

Chair and Panelist, "Climate Crisis and Energy Transition: Lessons from History?" Currents of Change, Annual Meeting of the American Society for Environmental History and the National Council on Public History, Portland, Oregon (2010)

"Solid Waste in The United States: Key Issues," School of Architecture, Rice University (2010)

"The Urban Environment and Urban Environmental History," In the Wake of the Half Moon: Environmental Transformation of the New York Metropolitan Region, 1609-2109, The Institute for Sustainable Cities,

City University of New York, New York City (2009)

“Public History and the City: Reflections on the American Experience,” Center for the History of Science, Technology and Medicine, University of Manchester, Manchester, England (2009)

Chair and Commentator, “City Water: Environmental Perspectives on the Urban Water Cycle in the Twentieth Century;” Commentator, “Waste Histories Since the End of the 19th Century: United States, Latin American and European Experiences;” Chair, “National and Transnational Networks Shaping Environmental Policy,” First World Congress of Environmental History, Copenhagen, Denmark and Malmoe, Sweden (2009)

Presenter and Panelist, “It All Flows Downstream: Following Our Oil and Water Footprints,” All-Consuming: Conversations on Oil and Water, Illinois Humanities Council, Field Museum, Chicago (2009)

Speaker (Industrial Revolution, Water), Environment-Human Systems Summer Institute, Northeast Consortium for Hydrologic Synthesis, CCNY, New York City (2009)

Chair, “From Projects and Experiments to Policies” and Discussant, “Creating Oil Cities,” Cities and Energy Transitions: Past, Present, Future, International Roundtable Conference, Autun, France (2009)

Commentator, “International Management of Environmental Toxins,” The Nation-State and the Transnational Environment Conference, Institute for Historical Studies, University of Texas, Austin (2009)

“Houston: Energy Capital,” Urbanization in the Americas: Twentieth-Century Transformations, Working Conference of the Americas Initiative, Georgetown University, Washington, D.C. (2009)

“Lessons in Urban Water Supply History,” Water and Sustainability Symposium, National Academy of Environmental Design and the University of Florida, Gainesville, Florida (2009)

Discussant, Grant-Writing Workshop, A Two-Session Roundtable, “Paradise Lost, Found, and Constructed,” Annual Conference of the American Society for Environmental History, Tallahassee, Florida (2009)

Presidential Address, “Humans, Cities, and Nature: How Do Cities Fit in the Material World?” Urban History Association Dinner, New York City (2009)

Commentator, “A Tale of Four Cities,” Shock Cities: Urban Form in Historical Perspective, Fourth Biennial Conference, Urban History Association, Houston, TX (2008)

Keynote Lecture, “History Matters: Links between Urban Environmental History and Environmental Science,” Historical Links between Soil Science and Geology, 2008 Joint Meeting of the Geological Society of America, Soil Science Society of America, et al, Houston, Texas (2008)

Invited Public Lecture, “Garbage as History?” Sustainability, Energy and the Environment Initiative, Learning-Living Community, University of Dayton, Dayton, Ohio (2008)

Invited Lecture, “Energy Metropolis,” Ideas Matter, College of Architecture, University of Houston, Houston, Texas (2008)

Invited Lecture, “The History of Nuclear Power in the United States,” Deane Conference on the Future of Nuclear Power: Prospects and Challenges, Lake Forest College, Chicago (2008)

Invited Lecture, “Path Dependence in Historical Research,” Center for Metropolitan Studies, Technological University, Berlin, Germany (2008)

Opening Remarks and chair, “The Conception of Environmental Pathways,” 5th Roundtable on Urban Environmental History, “The Place of History in Environmental History,” Berlin (2008)

Invited Lectures, “Building Academic Urban History” and “Politics, Race, Gender, Health and Environment in Urban History,” Oil and Urban Growth, Oil and Power, University of Stavanger, Stavanger, Norway (2008)

Invited Lecture, “Solid Waste in the United States,” Conservatoire National des Arts et Metiers (Cnam), Paris, France (2008)

Invited Lecture, “Energy Metropolis: An Environmental History of Houston and the Gulf Coast,” Centre d’Histoire des Techniques et de l’Environnement, Cnam, Paris (2008)

Invited Lecture, “Some Thoughts about Path Dependence in Historical Research,” Centre de Recherches Historiques, Ecole des Hautes Etudes en Sciences Sociales, Paris (2008)

Invited Lecture, “Energy Metropolis: Growth and Environment in Houston, Texas, USA,” Laboratoire Techniques, Territoires et Societes, Ecole Nationale des Ponts et Chaussees, Paris (2008)

Invited Lecture, Department of Geography, "Energy Metropolis: Growth and Environment in Houston, Texas, USA," Universite Paris Sorbonne, Paris I (2008)

Invited Lecture, "The Southern Environment," Alabama Book Festival, Montgomery, Alabama (2008)

Chair, "Animals in the City," Agents of Change: People, Climate, and Places through Time, American Society for Environmental History Annual Meeting, Boise, Idaho (2008)

Invited Lecture, "Some Thoughts on the Use of Path Dependence Theory in Historical Research (and More)," Colloquium, School of Human Evolution and Social Change, Arizona State University, Tempe, Arizona (2008)

Invited Lecture, "Creating the Sanitary City," Rochester Institute of Technology, Rochester, New York (2008)

Invited Speaker, "The Horse and the City," Book Symposium, Department of History, Carnegie Mellon University, Pittsburgh, PA (2007)

Invited Speaker, "Creating the Sanitary City: Water, Wastewater, and Health in American Cities," Global Environmental Health: Research Gaps and Barriers for Providing Sustainable Water, Sanitation, and Hygiene Services, Institute of Medicine of the National Academies, Washington, D.C. (2007)

Invited Speaker, "Private Water, Public Good: The Enduring Conflicts Over Water Supplies," Deutsches Museum, Munich, Germany (2007)

Chair, "Public Policy II: Electricity," Energy in Historical Perspective: American Energy Policy in the 1970s, Houston (2007)

"History is Now: Passing Along the Public Works Legacy," APWA International, Public Works Congress and Exposition, San Antonio, Texas (2007)

Keynote speaker, "Privatization of Water: The Worldwide Implications"; also commentator, "Washed by All Waters"; chair, "Water Conflict and resolution"; chair, "Transboundary Water Issues"; 5th International Water History Association Conference, Tampere, Finland (2007)

Keynote speaker, "Water History: Prospects Past, Present, And Future," NordForsk Nordic-Baltic Interdisciplinary Research Training Course for Doctoral Students: "Water Governance in Long-Term Perspectives," Tampere Technological University, Tampere, Finland (2007)

Invited Participant, "Urban Resilience in Ecology and Design," Cary Conference, Institute of Ecosystem Studies, Millbrook, New York (2007)

Panelist, "Texas Environmental History: A Roundtable Discussion," and Chair, "Environmental History of Houston and the Gulf Coast," Texas State Historical Association Meeting, San Antonio, TX (2007)

Chair and commentator, "Urban Health and Infrastructure," "Living on the Edge: Human Desires and Environmental Realities," American Society for Environmental History Conference, Baton Rouge, LA (2007)

"Urban Environmental History and Urban Ecology: Perspectives from Europe and the United States," and chair, session on Water for Cities, 4th Round-Table on Urban Environmental History, 19th and 20th Centuries, Paris, France (2006)

Invited lecture, "Solid Waste Problems in the United States, 19th and 20th Centuries," "La ville, ses residus, ses rejets: entre histoire et prospective: Comparison Europe/Etats-Unis," Institute, Veolia Environnement, Paris, France (2006)

"Energy Metropolis: An Environmental History of Houston and the Gulf Coast," Department of History, Rice University (2006)

"Energy-Intensive Metropolis: Houston and the Gulf Coast, Department of Geography, Texas A&M University (2006)

"Privatization of Water: A Real Option for American Cities?" Infrastructure Provision and Sustainable Urban Development Session, Royal Geographical Society Annual Conference, London (2006)

Invited lectures on the Automobile and the Environment, Environmental Justice, and Public History, Peking University, Beijing, China (2006)

Invited lectures on the Urban Environment and Environmental Justice, Shanghai University, China (2006)

Panelist, "The Built Environment," The Public Realm: Slices of Life, Rice Design Alliance, Houston (2006)

Chair, Roundtable: Echoes from the Poisoned Well: Global Memories of Environmental Injustices, "Rivers Run Through Them: Landscapes in Environmental History," American Society for Environmental History Conference, St. Paul, MN (2006)

"Full Circle? Public Responsibility versus Privatization of Water Supplies in the United States," School of Architecture, University of Texas at Austin (2006)

Discussion Paper, Dutch-U.S. Water Workshop, The Hague, Netherlands (2005)

"Urban Environmental History on Two Continents: Europe and the United States," Eco-History, International Congress on the Historical Sciences, Sydney, Australia (2005)

"Urban Environmental History on Two Continents: Europe and the United States," and commentator, "What is Environmental History All About," The Environmental History of Israel, Yad Izhak Ben-Zvi, Israel (2005)

"History Matters: What Can We Learn from Public Works in the Past?" Fall Conference, American Public Works Association, Wisconsin Chapter, Fond du Lac, WI (2004)

"Full Circle: Public Goods versus Privatization of Water Supplies in the United States," Environmental Controversies in North American Cities, Second Biennial Urban History Conference, Milwaukee (2004)

Keynote address, "The Automobile Shapes the City," Massachusetts Historical Society, Boston (2004)

Closing remarks, The Making of European Contemporary Cities: An Environmental History, Third International Round-Table on Urban Environmental History of the 19th and 20th Centuries, University of Siena (2004)

"The 'Garbage Crisis' in America, 1972-2000," La Ville Dangereuse-La Ville en Danger, Seconde Journee de la Ville Contemporaine, Institut d'Architecture de l'Universite de Geneve (2004)

"Full Circle: Public Goods versus Privatization of Water Supplies in the United States," Urban Infrastructure in Transition: What Can We Learn from History? 6th International Summer Academy on Technology Studies, Deutschlandsberg, Austria (2004)

Chair, Plenary Session, "Public History and the Environment, American Society for Environmental History Conference, Victoria, British Columbia (2004)

"Energy Transitions in Historical Perspective," Energy and Culture Conference, International University Bremen, Bremen, Germany (2004)

Discussant, Plenary Session, "Mainstreaming the Marginal," American Society for Environmental History Conference, Providence, R.I. (2003)

Chair, "Crossing the Border: Taking Environmental History Beyond the Academy," ASEH Conference, Providence, R.I. (2003)

"Fresno Sanitary Landfill in Historical Perspective," Waste Expo, New Orleans (2003)

"Oil and Environment in the United States," University of Texas, Austin (2003)

"Recent Trends in Environmental History," Linkoping University, Sweden (2003)

Participant, "Inventing for Humanity: Historical Precedents and Contemporary Models of Collaboration," Lemelson Center for the Study of Invention and Innovation, Smithsonian Institution, Washington D.C. (2002)

"Contemporary Implications of The Sanitary City," Carnegie-Mellon University, Pittsburgh (2002)

Commentator, "The Reclaimed City: Consumption, Production, and Transformation in Urban Environments," First Biennial Urban History Conference, Pittsburgh (2002)

Luncheon Address, "Landfill to Landmark: The Controversy over the Fresno Sanitary Landfill as a Historic Site," Public Works Historical Society, American Public Works Association Convention, Kansas City, KS (2002)

"Garbage to Some, Gold to Others: Waste in a Cultural Context," Lawndale Art Center, Houston (2002)

"Path Dependence and Urban History: Is a Marriage Possible?" International Roundtable on Environmental History: Urban Environment: Resources, Perceptions, Uses, University of Leicester, UK (2002)

"The Urban Environment: The Emergence of the 'Infrastructure School' of History," Technology Studies: New Frontiers, Stevens Institute of Technology, Hoboken, New Jersey (2002)

Commentator, "Expanding Frontiers in African American Environmental History: Land Conservation, Social Activism, and Leisure in the Early Twentieth Century," American Historical Association convention, San Francisco (2002)

Keynote address, "The History of Technology, Infrastructure, and the Environment," "The City in North America" conference, Mexico City (2001)

"The Fresno Sanitary Landfill in an American Cultural Context," "The City in North America" conference, Mexico City (2001)

"Historical Response to Disaster," Safeguarding Vital Public Infrastructure: Social Impact Considerations in Design, Civil Engineering Conference & Exposition, Houston (2001)

"Sanitation Landmarks," International/National Landmarks, Civil Engineering Conference & Exposition, Houston (2001)

"From Ant Hills to Cities: Urban Ecology and Environmental History," Public Colloquium Series, Department of History, Arizona State University (2001)

Guest speaker, "Lebensraum Wien," University of Vienna, Vienna, Austria (2001)

Keynote speaker, "Management of Water, Wastewater and Solid Waste Services in Comparative Historical and Futures Perspective," Tampere University of Technology, Tampere, Finland (2001)

"The Sanitary City," PhD Seminar, Political Science, University of Southern Denmark-Odense, Denmark (April, 2001)

"American Urban Environmental History and the City," PhD Seminar on The American City and the Public Welfare, University of Aarhus, Denmark (2001)

"Race and Environmental Justice, Roundtable on Race, Rights, the Election of 2000 and Beyond, SDU-Odense (2001)

"The Sanitary City: Aspects of Public Health and Mortality," Danish Center for Demographic Research, SDU-Odense (2001)

"Technologies of Sanitation: Making Cities Liveable," Monday Colloquium, Deutsches Museum, Munich, Germany (2000)

"The Sanitary City," American Studies Center, University of Aarhus (2000)

"Talking About The Sanitary City," Ph.D. Seminar, SDU-Odense (2000)

Chair, "The World Environment," World 2000 Conference, Austin, TX (2000)

"Beyond Their Limits: Water Supply, Wastewater, and Pollution in American Cities Since 1945," Workshop: "Pipe-Bound Minds? Urban Water and Sewage Management in the 19th and 20th Centuries," Stockholm, Sweden (1999)

"Creating the Sanitary City: Service Delivery and Urban Growth in America," Swedish Environmental Institute, Stockholm (1999)

Commentator, "Economic Globalization and Social Welfare," GADE Conference, Houston (1999)

"The Era of the Industrial City, 1850-1920" and "Progressivism and Urban Environmental Reform," Advanced Placement Social Studies Conference, Houston (1999)

Keynote Address, Environmental Excellence Awards, Houston Corporate Recycling Council, Houston (1999)

"Pure and Plentiful: From Protosystems to Modern Waterworks in the United States, 1801-2000," at "Water in History" Conference, Aberystwyth, Wales (1999)

"Sanitary Services and Environmental Paradigms: Correlations and Connections in American Urban History," at "Sanitation, Society and Environment in American Cities," Environmental History Across Boundaries: ASEH Conference, Tucson (1999)

Commentator, "Joined by Longitudes, Divided by Latitudes: Across the Canadian-United States Border," Environmental History Across Boundaries: ASEH Conference, Tucson (1999)

"The Ex Files: Notes from an Expert Witness Struggling with Superfund," Indiana University-Purdue University, Indianapolis (1998)

"How Bad Theory Can Produce Good Technology: Water Supply and Sewerage Systems in 19th Century America," Inventing for the Environment, Lemelson Center for the Study of Invention and Innovation, Smithsonian Institution, Washington, D.C. (1998)

"Water Supply and Wastewater Systems in the United States in the 19th and 20th Centuries," University of Helsinki and Tampere University of Technology, Finland (1998)

Chair, "Urban Redevelopment: Politics, Policy, and Philanthropy," Black History Workshop, Houston (1998)

Commentator, "Cities and Environment: Past Perspectives" at Association of American Geographers Annual Meeting (Fort Worth, 1997)

Chair, "Environmental Pollution in Cities: The Science, Regulation, and Neighborhood Impacts of Smokes and

Stenches, 1840-1920" at American Society for Environmental History Biennial Conference (Baltimore, 1997)

Chair, "Exposition and Edifice: Nature and the Built Environment in Seattle and New York" at American Society for Environmental History Biennial Conference (Baltimore, 1997)

"Sanitary Engineers in American Cities," at "Engineers as Policymakers: The Myth of the Apolitical Engineer," American Society of Civil Engineers, Washington, D.C. (1996)

"Theodore Roosevelt: Rough of the Progressive Movement" in the "President, Politics, and the People" series, the Houston Seminar (1996)

"The Sanitary City," Department of History, University of Washington (1996)

Commentator, "Federal Policy Formation in an Age of Social Change," National Council on Public History national conference, Seattle (1996)

"The Sanitary City," Department of History, University of New Mexico (1996)

"Environmental Racism and the Question of Equity," Carl L. Becker Memorial Lectures in History, University of Northern Iowa, Cedar Falls, Iowa (1995)

Chair and commentator, "The City Beautiful Movement in Denver and Salt Lake City," Western History Association conference, Denver (1995)

"Environmental Racism," Department of History, Georgetown University, Washington, D.C. (1995)

"The Viability of Incineration, 1870-1995" Public Works & the Human Environment conference, Seattle (1995)

"Equity, Eco-Racism and Environmental History," presidential address at "Gambling with the Environment," national meeting of the American Society for Environmental History, Las Vegas, 1995

Chair, "Variations on a Theme: Sustainable Development Explored," at ASEH national meeting, Las Vegas, 1995

"Equity, Eco-Racism and the Environmental Justice Movement," keynote address at the World History Association Meeting, Aspen, Colorado, 1994

"Post-NIMBYism," presentation at the National Convention of the American Public Works Association, Chicago, 1994

Panelist, McClellan Air Force Base Hazardous Waste Program, national convention of the National Council on Public History, Sacramento, CA (1994)

"The Rise of the Industrial City," lecture in the School of Continuing Studies Series, "The Emergence of Modern America," Rice University, Houston (1994)

"Public History and the Job Market," presentation at Department of History, University of Texas, Austin, TX (1994)

"Environmental Choice and Sanitary Services in Pre-World War II Houston," on The Downside of Technology: Technology and the Urban Environment, City and Country: Contrasting and Interacting Environments, national meeting of the American Society for Environmental History, Pittsburgh, PA (1993)

Chair/commentator, "Urban Waste Disposal: Whose Responsibility?" City and Country, Pittsburgh, PA (1993)

Visiting speaker, Urban Studies, Trinity University, San Antonio (1993)

Panelist, "Central Cities and Suburbs: Is a Reconciliation Possible?" New Answers for Regional Problems, Houston, TX (1992)

"The City, Technology and the Environment," presentation at the National Museum of American History, Smithsonian Institution, Washington, D.C. (1991)

"Down in the Dumps: Is There a Garbage Crisis in America?" paper presented at the Urban Affairs Association meeting, Vancouver, Canada (1991)

"Pollution and the Emergence of Industrial America," paper presented at the "Human Impact on the Environment" conference, Rice University, Houston, TX (1991)

Guest speaker, "Houston's Environment: A Complex Interaction," Leadership Houston (Greater Houston Chamber of Commerce) Houston, TX (1991)

"Technical Systems and Urban Growth: The Case of Water Supply," paper presented at the Modes of Inquiry for American Urban History conference, Chicago (1990)

Guest speaker, "Pollution and Coastal Ecology," Living on the Edge: Life Along the Texas Coast, Texas A&M University at Galveston (1990)

Session commentator, "Water for the Southwest: Historical Perspectives," American Society of Civil Engineers,

Water Resources Planning and Management Division Specialty Conference, Fort Worth (1990)

Session chair, "The Impact of Energy Sources on the Environment and Energy Alternatives," The Heat is On: The Greenhouse Effect, Energy Choices and You, Rice University, Houston (1989)

Session commentator, "Problem City and Paradise Town: Two Perspectives on Urbanization in the Phoenix Metropolitan Area," Western History Association Meeting, Tacoma, Washington (1989)

Panelist, "Trash or Treasure," Not in My Backyard symposium, sponsored by the National Museum of American History, Washington, D.C. (1989)

"The Techno-City: Technology, Environment, and the Consequences of Growth," paper presented at Solving Environmental Problems: The Past as Prologue to the Present conference (Olympia, Washington, 1989)

Session chair, "Public Works and the Environment," Solving Environmental Problems conference (1989)

Panelist, Plenary Session, American Chemical Society program on Hazardous Waste, Atlanta (1989)

Session chair, "Wastewater Treatment," Water and the City: The Next Century, Chicago (1989)

Session commentator, "The Lawyers and the Women: Community Decision Making in Two New South Cities," Organization of American Historians/National Council on Public History Meeting, St. Louis (1989)

"Solid Waste Contracting in the United States," keynote presentation for the Institute for Solid Wastes, Public Works Congress, Toronto, Canada (1988)

Panelist, "Historic Research and Current Issues in Planning, Public Works, and Policy Making," APA National Planning Conference, San Antonio, Texas (1988)

Speaker and moderator, "How Will the Garbage Crisis Affect New Yorkers?" Hunter College, New York (1988)

"Thomas A. Edison: An Urban Historian's Interpretation," paper delivered at the Urban History Seminar of the Chicago Historical Society, Chicago (1987)

"Forms of Community and the Growth of Houston," paper delivered at Houston in Search of Vision Conference, Houston (1987)

"Hazardous Waste and Environmental Liability: A Historical Perspective," paper delivered at Managing Liabilities from Hazardous Waste Conference, Houston (1987)

Session chair and commentator, "Community and Environment in the American South," Forests, Habitats, and Resources: A Conference in World Environmental History, Duke University, Durham, N.C. (1987)

"West Houston and the Sense of Community," lecture delivered for "Houston in the 80's," West Houston Institute, Houston (1987)

"Suburbanization in the South: The Case of Houston," paper presented at the Southern Historical Association Meeting, Charlotte, N.C. (1986)

"Environmental Sanitation and Public Health at the Turn of the Century," Lectures in the History of Medicine, Historical Research Center of the Houston Academy of Medicine-Texas Medical Center Library, Houston (1986)

"Artifacts and History," presented at Bayou Bend, Museum of Fine Arts, Houston (1986)

Workshop faculty, "History and Public Policy," Public History Workshop sponsored by the National Council on Public History, New York City (1986)

Session chair, "Public History in Houston," Southwest Social Science Association Meeting, San Antonio, Texas (1986)

Session chair, "Historical Analysis and Public Policy: Two Case Studies," National Council on Public History Conference, Phoenix, Arizona (1985)

Panelist, "Cultural Resource Management and the Environmental Historian" and "The Past, Present and Future of Environmental History," Conference of the North American Association of Environmental Education, Lake Louise, Alberta, Canada (1984)

"Energy and Environment in Industrial America," Rice University, Houston (1984)

"Energy and Environment in the Era of Fossil Fuels," The Wilson Center, Smithsonian Institution, Washington, D.C. (1984)

"Technology Diffusion and Refuse Disposal: The Case of the British Destructor," paper presented at the U.S.-France Conference on the City and Technology, Paris, France (1983)

"American Imperialism," guest speaker, Department of History, The Citadel, Charleston, S.C. (1983)

"Waste Control from a Historical Perspective," paper read at the Classics of American Civil Engineering Session

at the American Society of Civil Engineers National Convention, Houston (1983)

"The Urban Environment," Seminar on the Humanities and the City, National Humanities Center, North Carolina (1983)

"Activists and Engineers: The Urban Environmental Movement, 1870 to 1920," Environmental Seminar, Institute for Environmental Studies, University of North Carolina, Chapel Hill, N.C. (1983)

Session commentator, "Industrial and Urban Environmental Hazards," American Society for Environmental History Meeting, Oxford, Ohio (1983)

"The Energy Crisis and Beyond," dinner address, Research Triangle Institute, Research Triangle Park, N.C. (1983)

"Science, Technology and the Humanities," Tau Beta Pi Association Awards Banquet, North Carolina State University, Raleigh, N.C. (1983)

"Garbage in the Cities: Historical Perspective on Today's Problems," university address, New Jersey Institute of Technology, Newark, N.J. (1983)

"Sanitary Engineers: Technical Specialists or Environmental Generalists?" luncheon address, Public Works Historical Society Meeting, Houston (1982)

Session commentator, "Environmentalism and Conservation in Texas," Texas State Historical Association Meeting, Austin, Texas (1982)

"Environmental Reform in the Industrial Cities: The Civic Response to Pollution in the Progressive Era," paper delivered at the Environmental History Conference, University of California, Irvine, California (1982)

"Energy Transitions in the Economy of the Nineteenth Century Community," paper delivered at The Power, Transport and Public Policy in Modern America Conference, Michigan Tech University, Houghton, Michigan (1981)

Panelist, "The Sunbelt Southwest: Metropolitan Growth and Political Change," Western History Association Convention, San Antonio, Texas (1981)

"The First American Environmental Crisis," paper delivered at the National Association of Environmental Education Meeting, Gilbertsville, Kentucky (1981)

"Children in Urban Reform: The Junior Sanitation Leagues," paper delivered at the Missouri Valley History Conference, Omaha, Nebraska (1981)

"Environmental History: What Is It and How To Do It," paper delivered at the Conference on the Teaching of History, Pan American University, Edinburg, Texas (1980)

Session commentator, "The Politics of Environmentalism," Southern Historical Association Convention, Atlanta, Georgia (1980)

"The History of Energy and Environment in Industrial America," paper delivered at the American Historical Association Regional Conference on the Teaching of History, Houston (1980)

"Federal Oil Policy in the Twentieth Century," lecture delivered at the Graduate School of Business Administration, University of Texas, Austin, Texas (1980)

"The Modern Urban Environmental Crisis," guest speaker, Department of History, Marquette University, Milwaukee, Wisconsin (1979)

"The Urban Physical Environment: A Unique Opportunity for Historical Inquiry," presentation delivered at the Conference for History Teachers of South Texas, Corpus Christi State University, Corpus Christi, Texas (1979)

"Ethics in Politics," guest speaker, Tarrant County Junior College, Fort Worth, Texas (1978)

Session commentator, "Prelude and Postscript to Pearl Harbor," Naval History Symposium, U.S. Naval Academy, Annapolis, Maryland (1977)

"Environmental Pollution in Historical Perspective," guest lecturer, Department of History, University of Rhode Island, Kingston, R.I. (1977)

Session chair, "Environmental Pollution and Urban Reform, 1865-1930," Organization of American Historians Convention, Atlanta, Georgia (1977)

Proseminar participant, "Technology and the City: Water Supply, Sewerage Systems and Public Health, 1850-1920," Conference on Regional Economic History, Eleutherian Mills Historical Library, Wilmington, Delaware (1976)

Session chair, "A Comparison of Ecological Crises, Past and Present," Western Social Science Association, Arizona State University, Tempe, Arizona (1976)

"Engineer as Environmentalist: Col. George E. Waring, Jr., 1850-1898," paper delivered at the Western Social Science Association conference, Arizona State University, Tempe, Arizona (1976)

Session chair, "U.S. Diplomacy," Rocky Mountain Social Science Association Conference, El Paso, Texas (1974)

"James W. Gerard: Amateur Ambassador to Germany, 1913-1917," paper delivered at the Phi Alpha Theta Regional Conference, Texas Tech University, Lubbock, Texas (1974)

COMMUNITY SERVICE

Mayor's International Affairs Committee, Canada (2006)

Mayor's Task Force on Houston History (2005-06)

Advisory Board, Mothers for Clean Air (2004-06)

Keynote Speaker, Environmental Excellence Awards Luncheon, Houston Corporate Recycling Council, Houston (1999)

Board of Advisors, Citizens' Environmental Coalition, Houston (1989-)

Chair, Historical Committee, American Public Works Association, Southeast Texas Region (1995)

Board of Advisors, Houston Corporate Recycling Council (1994-97)

Chair, Long-range Issues Committee, Clean Houston Recycling Council (1989-92)

Speaker's Bureau Training Workshop, Clean Houston Recycling Council (1991)

Panelist, "Houston in the '90s-Choices or Echoes," Leadership Houston (1991)

Luncheon Speaker, "Resources for Fort Bend's Future" Conference (1991)

Member, Harris County Historical Commission (1987-1988)

Houston Center for the Humanities (Vice President, 1985-1986; Board of Directors, 1985-1987)

Steering Committee, Market Square Project (1987-1988)

Member, Water Issues Subcommittee, Water Supply System Task Group, Houston Chamber of Commerce (1985)

Moderator, "Houston in the '80s," West Houston Institute (1985-1986)

Advisory Board, Women of Courage Exhibit (1985)