

HUGH S. GORMAN
Associate Professor of
Environmental
History and Policy

Education

Ph.D., History and Policy, Carnegie Mellon University, August 1996.
M.A., Professional Writing, Carnegie Mellon University, May 1985.
B.S., Electric Power Engineering, Rensselaer Polytechnic Institute, May 1979.

Academic Positions

Visiting Fulbright Scholar, Ciudad del Saber, Panamá, 2011
Associate Professor of Environmental History and Policy, Michigan Technological
University 2002 - present
Fellow, Beckman Center for the History of Chemistry, Chemical Heritage Foundation,
2003 - 2004
Assistant Professor of Environmental History and Policy, Michigan Technological
University 1996 - 2002

Academic Research Interests

I study the historical interaction between policy choices, technological innovation, and
uses of the environment, with the main goal being to inform efforts to construct a market
economy that encourages sustainable innovation.

Publications

Books

Hugh S. Gorman, *Redefining Efficiency: Pollution Control, Regulatory Mechanisms, and
Technological Change in the U.S. Petroleum Industry*. Akron: University of Akron
Press, 2001.

Hugh S. Gorman, *The Story of N: A Social History of the Nitrogen Cycle*, under contract.

Edited Volumes

Hugh S. Gorman and Alex Farrell, guest eds., *Monitoring the Environment: Taking a
Historical Perspective*, special issue of *Environmental Monitoring and Assessment* 106
(July 2005).

Selected Articles and Book Chapters

Hugh Gorman and Betsy Mendelsohn, "Where Does Nature End and Culture Begin?
Converging Themes in the History of Technology and Environmental History" in *The
Illusionary Boundary: Historical Research at the Intersection of Technology and the
Environment*, ed. Stephen Cutcliffe and Martin Reuss, (Univ. of Virginia Press, 2010).

Samir Qadir and Hugh S. Gorman, "The Use of ISO 14001 in India: More Than a

Certificate on the Wall?" *Environmental Practice* 10 (2008): 53-65.

Hugh S. Gorman, "The Houston Ship Channel and the Changing Landscape of Industrial Pollution" in *An Environmental History Of Houston and the Gulf Coast*, ed. Martin V. Melosi and Joseph Pratt (University of Pittsburgh Press, 2007): 52-68.

Hugh S. Gorman and Kathy E. Halvorsen, "The Regulation of Alternative Onsite Wastewater Technologies in the Great Lakes Region," *Small Flows Quarterly* 7 (2006): 23-37.

Hugh S. Gorman, "Laying the Foundation for the Control of Industrial Pollution, 1930-1970: Two Canals, a Refinery, and Clarence W. Klassen" *Journal of Illinois History* 8 (2005): 182-208.

Hugh S. Gorman, "Urban Areas, Environmental Decision Making, and Uses of History to Inform Public Choices" in *Public History and the Environment*, Martin V. Melosi and Philip V. Scarpino (Krieger, 2004).

Hugh S. Gorman, "Brownfields in Historical Context," *Environ. Practice* 5 (2003): 21-24.

Hugh S. Gorman and Barry D. Solomon, "The Origins and Practice of Emissions Trading," *Journal of Policy History* 14 no. 3 (2002): 293-320.

Current Courses

Global Environmental History: Graduate seminar that examines major changes in the relationship between humans and the rest of nature.

U.S. Environmental History: Examines how natural systems, uses of the environment, and perceptions of nature have changed over time, starting with the encounter between Europeans and Native Americans and ending with current environmental issues.

Science, Technology, and Society: Interactions and Interrelationships Examines the ethical debates triggered when advances in science and technology push society into new territory and generate new conflicts in the process.

History of Science in America: Examines the construction of science in the United States as a social process for generating predictive knowledge.

Institutions. A lecture-based general education course in which students examine the development of the major institutional systems that shape society: government, markets, religion, family, and education.

Current Professional Organizations

American Society for Environmental History
Society for the History of Technology
Society for Industrial Archeology