Science in America
Preliminary Exam Reading List, 2008
Supervised by Gregg Mitman

Classics, Overviews, and Syntheses


Sally Gregory Kohlstedt and Margaret Rossiter (eds.), *Historical Writing on American Science* (Baltimore: Johns Hopkins University Press, 1985).


Science in the Colonies


**Nature’s Nation**


Wallace Stegner, *Beyond the Hundredth Meridian: John Wesley Powell and the Second Opening of the American West*


**The Professionalization of American Science**


Amrys O. Williams


Sally Gregory Kohlstedt, Micheal M. Sokal, and Bruce Lewenstein, *The Establishment of Science in America: 150 years of the American Association for the Advancement of Science* (New Brunswick: Rutgers University Press, 1999).


**American Biology**


**Ecology and Environment**


Edmund Russell, *War and Nature: Fighting Humans and Insects with Chemicals from*
[crosslisted with Environmental History]

Michael Smith, Pacific Visions: California Scientists and the Environment, 1850-1915

Mark David Spence, Dispossessing the Wilderness: Indian Removal and the Making of
the National Parks (New York: Oxford University Press, 1999).

Ronald C. Tobey, Saving the Prairies: The Life Cycle of the Founding School of

Donald Worster, Nature’s Economy: A History of Ecological Ideas (New York:
Cambridge University Press, 1994). [crosslisted with Environmental History]

Race and Eugenics

Robert C. Bannister, Social Darwinism and Myth in Anglo-American Social Thought

Elazar Barkan, The Retreat of Scientific Racism: Changing Concepts of Race in Britain

Carl Degler, In Search of Human Nature: The Decline and Revival of Darwinism in
American Social Thought 1991.


Daniel J. Kevles, In the Name of Eugenics: Genetics and the Uses of Human Heredity
(Knopf, 1985).

Edward Larson, Sex, Race, and Science: Eugenics in the Deep South (Baltimore: Johns
Hopkins University Press, 1995).

Diana Paul, Controlling Human Heredity, 1895 to the Present (Atlantic Highlands, N.J.:
Humanities Press, 1995).

Donald Pickens, Eugenics and the Progressives (1968).

Mark Pittenger, American Socialists and Evolutionary Thought, 1870-1920 (Madison:
University of Wisconsin Press, 1993).

William Stanton, The Leopard's Spots: Scientific Attitudes toward Race in America,

Social Sciences


George Stocking, *Race, Culture, and Evolution: Essays in the History of Anthropology*

**Science and Religion**


**Agriculture, Botany, and Horticulture**


Science Education and Popularization


Science, Medicine, and Public Health


Amrys O. Williams


———, Typhoid Mary: Captive to the Public’s Health (Boston: Beacon Press, 1996).


Gerald Markowitz and David Rosner, Deceit and Denial: The Deadly Politics of Industrial Pollution (Berkeley: University of California Press, 2002).


Science and the National Security State (or something relating to postwar/20th-c. science??)


James G. Hershberg, James B. Conant: Harvard to Hiroshima and the Making of the
Amrys O. Williams


