

CURRICULUM VITA
James C. Whorton, Ph.D.

DATE OF BIRTH October 31, 1942, Bayboro, North Carolina

EDUCATION BS Duke University (Durham, North Carolina), Chemistry, 1964 (magna cum laude)

PhD University of Wisconsin (Madison, Wisconsin), History of Science, 1969

Postgraduate training: Josiah Macy, Jr. Foundation Post-doctoral Fellow in History of Medicine, Department of Biomedical History, University of Washington School of Medicine, Seattle, 1969-1970

ACADEMIC AND PROFESSIONAL EXPERIENCE

1983-Present Professor, Department of Medical History and Ethics, University of Washington School of Medicine, Seattle [Acting Chairman, 1985-1987, 1995-6, 1999]

Adjunct, Dept. of History, University of Washington

Affiliate, Nutritional Sciences Graduate Program, University of Washington

1977-1983 Associate Professor, Department of Biomedical History, University of Washington School of Medicine

1974-1977 Assistant Professor, Department of Biomedical History, University of Washington School of Medicine

1970-1974 Instructor, Department of Biomedical History, University of Washington School of Medicine

1967-1968 Teaching Assistant, Integrated Liberal Studies--Physical Sciences, University of Wisconsin, Madison, Wisconsin

HONORS

2003 *Library Journal* selection of *Nature Cures* as one of the three best books in the category of Health Sciences published in 2002

1990-1992 NIH Grant, No. 1-RO1-LMO5141-01

1989 Sonnedeker Residency Program Fellowship, American Institute of the History of Pharmacy

1977 Visiting Professor, School of Pharmacy, University of Wisconsin

1975-1979 NIH Grant, No. 1-R01-LM02360-01/02/03

1969-1970	Josiah Macy, Jr. Foundation Post-doctoral Fellowship
1965-1969	National Science Foundation Graduate Fellowship
1964	Merck Index Award, Duke University
1964	Phi Beta Kappa, Duke University
1960-1964	Texaco Scholarship, Duke University

PROFESSIONAL ASSOCIATIONS AND SERVICE

AMERICAN ASSOCIATION FOR THE HISTORY OF MEDICINE (1969-present)

Chair (1996-1997)	Continuing Lifetime Achievement Award Committee
Member (1992-1994)	Nominating Committee
Chair (1990-1992)	Local Arrangements Committee
Member (1989-1992)	Committee on Annual Meetings
Member (1988-1989)	Committee on Conflict of Interest
Member (1987-1989)	Council
Member (1980-1981)	Program Committee

AMERICAN INSTITUTE OF THE HISTORY OF PHARMACY (1979-present)

Chair (1991-1992)	Nominating Committee
Chair (1985-1991) (2001-02)	Awards Committee
Member (1998-1999)	Awards Committee
Member (1993-1994)	Program Committee
Member (1988-1990)	Council

Member
(1981-1982) Advisory Panel to Director

Member
(1979-1980) Committe on Teaching the History of Pharmacy

BULLETIN OF THE HISTORY OF MEDICINE

Member
(2001-02) Editorial Advisory Board

JOURNAL OF THE HISTORY OF MEDICINE AND ALLIED SCIENCES

Member
(1986-1989) Editorial Board

NATIONAL INSTITUTES OF HEALTH--NATIONAL LIBRARY OF MEDICINE

Member
(1993-1995) Grant Review Panel

COMPLEMENTARY HEALTH PRACTICE REVIEW

Member
(2000-2) Advisory Board

WESTERN JOURNAL OF MEDICINE

Editor, "Looking Back" section
(2001-2)

UNIVERSITY OF WASHINGTON SERVICE

2005 Member, Library Undergraduate Research Award Committee

Acting Chair
(1985-7,
1995-6,
1999, Feb.-Sep.) Department of Medical History and Ethics

Member
(1992-1993) ISMS Committee

Member
(1996-99)
(1993-4)
(1991-1992)
(1989-1990)
(1974-1988) Medical School Admissions Committee

Member
(2001-02)
(1996-99)
(1993-94) Executive Committee of the Medical School
Admissions Committee

(1991-1992)
(1989-1990)
(1977-1988)

Member
(1988-1989) Medical School Student Progress Committee

Member
(1985-1987) Medical School Basic Science Heads

Member
(1985-1987) Medical School Executive Committee

Member
1983 Humanities/Social Sciences Committee, Association
of American Medical Colleges, General Professional Education of the
Physician Project (GPEP)

Member
(1982-1987) Advisory Committee, Minority Affairs Program
of the Medical School

Member
(1975-1977) University Faculty Senate

Member
(1972-1974) Health Sciences Library Advisory Committee

BIBLIOGRAPHY

Books Authored

2002 *Nature Cures: The History of Alternative Medicine in America* (New York: Oxford University Press).

2000 *Inner Hygiene. Constipation and the Pursuit of Health in Modern Society* (New York: Oxford University Press).

1982 *Crusaders for Fitness. The History of American Health Reformers* (Princeton, NJ: Princeton University Press).

1975 *Before Silent Spring. Pesticides and Public Health in Pre-DDT America* (Princeton, NJ: Princeton University Press).

Books Edited

1983 John Parascandola and James Whorton (eds), *Chemistry and Modern Society* (American Chemical Society Symposium Series, Number 228).

Articles

- 2003 Benedict Lust, Naturopathy, and the Theory of Therapeutic Universalism. *Iron Game History*. 8: 22-29.
- 2002 Dilutions of Grandeur: The Rise and Fall and Rise of Homeopathy. *King County Medical Society Bulletin*. 81: 1-10.
- 2001 "The insidious foe": Sewer gas. *Western Journal of Medicine*. 175:427-8.
- 2001 Looking back: Learning from medical history. *Western Journal of Medicine*. 175:9.
- 2001 The solitary vice. *Western Journal of Medicine*. 175: 66-8.
- 2001 From cultism to CAM: The Flexner Report reconsidered. *Journal of Complementary Health Practice*. 6: 113-25.
- 2000 Civilization and the colon: Constipation as "the disease of diseases". *British Medical Journal*. 321: 1586-9; also published in *Western Journal of Medicine*. 173: 424-7.
- 1997 "The Hippocratic Heresy: The Historical Context of Complementary Medicine," *Bulletin of the King County Medical Society*, 76 (September), 12-29.
- 1996 "The Purgative Plan of James Hamilton, Senior: Therapeutic Philosophy in the Early Nineteenth Century," *Pharmacy in History*, 38:159-174. (abstracted in *Actes du XXXII Congres Internationale d'Histoire de la Pharmacie* (Societe d'Histoire de la Pharmacie: Paris, 1996), 381-2).
- 1994 "The Historical Development of Vegetarianism," *American Journal of Clinical Nutrition*, 59:supplement, 1103-9S.
- 1993 "The Phenolphthalein Follies: Purgation and the Pleasure Principle in the Early Twentieth Century," *Pharmacy in History*, 35: 3-24.
- 1991 "Inner Hygiene: The Philosophy and Practice of Intestinal Purity in Western Civilization," *The History of Hygiene*, Yosio Kawakita, Shizu Sakai, and Yasuo Otsuka (eds) (Tokyo: Ishiyaku EuroAmerica), 1-32.
- 1991 "The Historical Context of the Animal Rights Movement." *Proceedings. American Association of Zoo Veterinarians*, 47-51.
- 1989 "Eating to Win: Popular Concepts of Diet, Strength, and Energy in the Early Twentieth Century," *Fit for America. Images of Health, Sport, and the Body, 1830-1940*, edited by Kathryn Grover (Amherst, MA: University of Massachusetts Press, 1989), 86-122.
- 1987 "Traditions of Folk Medicine in America." *Journal of the American Medical Association*, 257:1632-1635.

- 1986 “Drugless Healing in the 1920’s: The Therapeutic Cult of Sanipractic.” *Pharmacy in History*, 28:14-25.
- 1983 “The Uric Acid Fetish: Chemistry and Deviant Dietetics,” *Chemistry and Modern Society*, edited by John Parascandola and James Whorton (American Chemical Society Symposium Series, Number 228), 147-164.
- 1982 “Athlete’s Heart: The Medical Debate Over Athleticism, 1870-1920.” *J. Sport Hist.*, 9:30-52. Reprinted in *Sport and Exercise Science. Essays in the History of Sports Medicine*, edited by Jack Berryman and Roberta Park (Urbana, IL: University of Illinois Press, 1992), 109-136.
- 1981 “Physiologic Optimism: Horace Fletcher and Hygienic Ideology in Progressive America.” *Bull. Hist. Med.*, 55:59-87.
- 1981 “Muscular Vegetarianism: The Debate Over Diet and Athletic Performance in the Progressive Era.” *J. Sport Hist.*, 8:58-75. Reprinted in *Sport and Exercise Science. Essays in the History of Sports Medicine*, edited by Jack Berryman and Roberta Park (Urbana, IL: University of Illinois Press, 1992), 297-318.
- 1981 “Thialion!!!’: Anatomy of a Pseudo-Ethical Proprietary.” *Pharmacy in History*, 23:114-125.
- 1980 “Antibiotic Abandon and the Resurgence of Therapeutic Rationalism,” *The History of Antibiotics*, edited by John Parascandola (Madison, WI: American Institute of the History of Pharmacy), 125-136. Reprinted as "Towards Rational Therapeutics," *Chemtech*, 10:540-545.
- 1978 “The Hygiene of the Wheel: An Episode in Victorian Sanitary Science.” *Bull. Hist. Med.*, 52:61-88.
- 1977 “‘Tempest in a Flesh-Pot!’: The Formulation of a Physiological Rationale for Vegetarianism.” *J. Hist. Med.*, 32:115-139. Reprinted in *Sickness and Health in America: Readings in the History of Medicine and Public Health*, edited by Judith Leavitt and Ronald Numbers, 1st Edition (Madison, WI: University of Wisconsin Press, 1977), 315-330.
- 1975 “Christian Physiology: William Alcott's Prescription for the Millenium.” *Bull. Hist. Med.*, 49:466-481.
- 1974 “Some Historical Interactions of Physics and the Biomedical Sciences.” *The Physics Teacher*, 12:159-166.
- 1971 “Insecticide Spray Residues and Public Health: 1865-1938.” *Bull. Hist. Med.*, 45:219-241. Reprinted in *Sickness and Health in America: Readings in the History of Medicine and Public Health*, edited by Judith Leavitt and Ronald Numbers, 2nd Edition (Madison, WI: University of Wisconsin Press, 1985), 459-474.

Chapters

- 2008 “Historical Exercise Traditions from a Health Perspective,” in Julie Silver and Christopher Morin, editors, *Understanding Fitness* (Westport, CT: Praeger, 2008), 1-16.

- 2007 Mary Baker Eddy," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 2, 447-8.
- 2007 Ivester Graham," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 2, 574.
- 2008 "John Harvey Kellogg," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 3, 725-6.
- 2007 "Benedict Lust," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 3, 816-8.
- 2007 "Bartlett Joshua Palmer," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 4, 958-9.
- 2007 "Daniel David Palmer," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 4, 959-60.
- 2007 "Samuel Thomson," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 5, 1227.
- 2007 "Russell Thacher Trall," in W. F. Bynum and Helen Bynum, editors, *Dictionary of Medical Biography* (Westport, CT: Greenwood Press), volume 5, 1231-2.
- 2006 "Medicine, Complementary and Alternative," in James Ciment, Editor, *Social Issues in America. An Encyclopedia*, seven volumes (Armonk, NY: Sharpe Reference, 2006), volume 5, 1114-25.
- 2006 "History of Complementary and Alternative Medicine," in Norma Cuellar, editor, *Conversations in Complementary and Alternative Medicine* (Sudbury, MA: Jones and Bartlett), 1-8.
- 2004 "From Cultism to CAM: Alternative Medicine in the Twentieth Century," in Robert Johnston, editor, *The Politics of Healing: Histories of Alternative Medicine in Twentieth-Century North America* (New York: Routledge), 287-305.
- 2001 "The Historical Context of Vegetarianism," in Joan Sabate, editor, *Vegetarian Nutrition* (Boca Raton, FL: CRC Press), 483-506.
- 2000 "Vegetarianism," in Kenneth Kiple and Kriemhild Ornelas, *The Cambridge World History of Food*, two volumes (Cambridge: Cambridge University Press), volume 2, 1553-64.
- 1999 "The History of Complementary and Alternative Medicine," in Wayne Jonas and Jeffrey Levin, editors, *Essentials of Complementary and Alternative Medicine* (Philadelphia: Lippincott Williams and Wilkins), 16-30.
- 1999 "Wellness Promotion: Historical Aspects," in Carolyn Clark, editor, *Encyclopedia of Complementary Health Care* (New York: Springer), 99-101.

- 1999 “Self-Care in American History,” in Carolyn Clark, editor, *Encyclopedia of Complementary Health Care* (New York: Springer), 101-103.
- 1995 “Professional and Social Aspects,” in Gregory Higby and Elaine Stroud, editors, *The History of Pharmacy. A Selected Annotated Bibliography* (Garland: New York), 196-210
- 1995 “Animal Research. Historical Aspects,” in Warren Reich, editor, *Encyclopedia of Bioethics*, second edition, five volumes (New York: Macmillan), volume 1, 143-7.
- 1993 “Dyspepsia,” In *The Cambridge World History of Human Disease*, edited by Kenneth Kiple (Cambridge: Cambridge University Press), 696-9.
- 1991 “Introduction,” In *History of Hygiene*, edited by Yosio Kawakita, Shizu Sakai, and Yasuo Otsuka (Tokyo: Ishiyaku EuroAmerica), ix-xii.
- 1988 “Patient, Heal Thyself: Popular Health Reform Movements as Unorthodox Medicine.” In *Other Healers: Unorthodox Medicine in American Society*, edited by Norman Gevitz (Baltimore: Johns Hopkins Press), 52-81.
- 1985 “The First Holistic Revolution: Alternative Medicine in the Nineteenth Century.” In *Examining Holistic Medicine*, edited by Douglas Stalker and Clark Glymour (Buffalo, N.Y.: Prometheus Books), 29-48.
- 1984 William A. Alcott, Benjamin O. Flower, James Caleb Jackson, Bartlett J. Palmer, Joel Shew, and Russell Trall, In *Dictionary of American Medical Biography*, edited by Martin Kaufman, Stuart Galishoff, and Todd Savitt, 2 Volumes (Westport, CT: Greenwood Press, 1984).
- 1980 “Chemistry.” In *The Education of American Physicians, Historical Essays*, edited by Ronald Numbers (Berkeley, CA.: University of California Press), 72-94.
- 1977 James B. Sumner, *Dictionary of American Biography*, Supplement 5, 1951-1955. (New York: Charles Scribner's Sons), 669-671.

Correspondence

- 1998 Francois Eisenger, Hagay Sobol, Daniel Serin, James Whorton. “Hereditary Breast Cancer, Circa 1750,” *Lancet*, 351 (1998), 1366.

Book Reviews

- 2007 Review of Werner Troesken, *The Great Lead Water Pipe Disaster* (Cambridge, MA: MIT Press, 2006). *Chemical Heritage*, 25: 44.
- 2005 Review of John Crellin, *A Social History of Medicines in the Twentieth Century: To be Taken Three Times a Day* (New York: Haworth, 2004). *Bulletin of the History of Medicine*, 79: 362-3.

- 2004 Review of Charles Rosenberg, ed., *Right Living: An Anglo-American Tradition of Self-Help Medicine and Hygiene* (Baltimore: Johns Hopkins University Press, 2003). *Bulletin of the History of Medicine*, 78: 483-4.
- 2002 Review of Edmund Russell, *War and Nature: Fighting Humans and Insects with Chemicals from World War I to 'Silent Spring'* (Cambridge: Cambridge University Press, 2001). *Bulletin of the History of Medicine*, 76: 855-6.
- 2001 Review of Christian Warren, *Brush With Death: A Social History of Lead Poisoning* (Baltimore: Johns Hopkins University Press, 2000). *Environmental History*, 6: 314-5.
- 2000 Review of Ruth Engs, *Clean Living Movements* (Westport, CO: Praeger, 2000). *Public Health Reports*, 115: 480-1.
- 1998 Review of Tim Armstrong, editor, *American Bodies: Cultural Histories of the Physique* (New York: New York University Press, 1996). *Bulletin of the History of Medicine*, 72: 573-4.
- 1996 Review of Rima Apple, *Vitamina: Vitamins in American Culture* (New Brunswick, NJ: Rutgers University Press, 1996). *Pharmacy in History*, 38: 153-4.
- 1996 Review of Bonnie O'Connor, *Healing Traditions* (Philadelphia: University of Pennsylvania Press, 1995); Friedhelm Kirchfeld and Wade Boyle, *Nature Doctors* (Portland, OR: Medicina Biologica, 1994); and John Crellin, *Home Medicine* (Montreal: McGill-Queen's University Press, 1994). *Bulletin of the History of Medicine*, 70:562-4.
- 1995 *The FDA Follies*, by Herbert Burkholz ((New York: Basic Books, 1994). *Advancing the Consumer Interest*, 7: 28-9.
- 1995 *Chiropractic in America: the History of a Medical Alternative*, by J. Stuart Moore (Baltimore: Johns Hopkins University Press, 1993). *Medical History*, 39:124-5.
- 1994 *Kitchen Gardening in America: A History*, by David Tucker (Ames, IA: Iowa State University Press, 1993). *Journal of American History*, ?:631.
- 1994 *The Popularization of Medicine, 1650-1850*, by Roy Porter, editor (London: Routledge, 1992). *Medical History*, 38:212-3.
- 1993 *Paradox of Plenty: A Social History of Eating in America*, by Harvey Levenstein (Oxford: Oxford University Press, 1993). *Bulletin of the History of Medicine*, 67:766-7.
- 1991 *Pure Food. Securing the Federal Food and Drugs Act of 1906*, by James Harvey Young (Princeton, NJ: Princeton University Press, 1989). *Isis*, 82:586-588.
- 1991 *Weakness is a Crime. The Life of Bernarr Macfadden*, by Robert Ernst (Syracuse, NY: Syracuse University Press, 1991). *Bulletin of the History of Medicine*, 65:599-600.

- 1990 *Studies in the History of Alternative Medicine*, edited by Roger Cooter (New York: St. Martin's Press, 1988). *Bulletin of the History of Medicine*, 64:116-117.
- 1990 *Chills and Fever: Health and Disease in the Early History of Alaska*, by Robert Fortune (Anchorage, AK: University of Alaska Press, 1989). *Pacific Northwest Quarterly*, 81:116.
- 1989 *Revolution at the Table. The Transformation of the American Diet*, by Harvey Levenstein (New York: Oxford University Press, 1988). *Bull. Hist. Med.* 63:159-60.
- 1987 *Mothers and Medicine. A Social History of Infant Feeding, 1890-1950*, by Rima Apple (Madison, WI: University of Wisconsin Press, 1987). *Pharmacy in History*, 30:209-10.
- 1987 *Never Satisfied: A Cultural History of Diets, Fantasies, and Fat*, by Hillel Schwartz (New York: The Free Press, 1986). *Bulletin of the History of Medicine*, 61:673-674.
- 1987 *Aphrodisiacs: The Science and the Myth*, by Peter Taberner (Philadelphia: University of Pennsylvania Press, 1985). *Pharmacy in History*, 29:49.
- 1986 *Hydropathic Highway to Health: Women and Water-Cure in America*, by Jane Donegan (New York: Greenwood Press, 1986). *Bull. Hist. Med.*, 60:604.
- 1986 *Poison in the Pot: The Legacy of Lead*, by Richard P. Weede (Carbondale, IL: Southern Illinois University Press, 1984). *Pharmacy in History*, 28:57-58.
- 1984 *Heads or the Art of Phrenology*, by Helen Cooper and Peter Cooper (London: London Phrenology Company, 1983). *J. Hist. Med.*, 39:483.
- 1984 *History of Clinical Chemistry*. by J. Büttner (New York: de Gruyter, 1983). *Isis*, 75:434.
- 1983 *Fire in America. A Cultural History of Wildland and Rural Fire*, by Stephen Pyne (Princeton, N.J.: Princeton University Press, 1982). *Isis*, 74:264.
- 1982 *From Arsenic to DDT: A History of Entomology in Western Canada*, by Paul W. Riegert (Toronto: University of Toronto Press, 1980). *Isis*, 73:300-301.
- 1981 *The Healthy Body and Victorian Culture*, by Bruce Haley (Cambridge, MA: Harvard University Press, 1978). *Clio Medica*, 15:216-217.
- 1981 *The Therapeutic Revolution: Essays in the Social History of American Medicine*, edited by Morris J. Vogel and Charles E. Rosenberg (Philadelphia: University of Pennsylvania Press, 1979). *Wisconsin Mag. Hist.*, 64:224-225.
- 1981 *Sex, Diet, and Debility in Jacksonian America: Sylvester Graham and Health Reform*, by Stephen Nissenbaum (Westport, CT: Greenwood Press, 1980). *J. Hist. Med.*, 36:358-359.
- 1979 *Food: The Gift of Osiris*, edited by William J. Darby, Paul Ghalioungui, and Louis Grivetti (London: Academic Press, 1977). *J. Hist. Med.*, 34:509-510.

- 1979 *Prophetess of Health: A Study of Ellen G. White*, by Ronald L. Numbers (New York: Harper and Row, 1976). *J. Hist. Med.*, 34:239-240.
- 1978 *Lucius Polk Brown and Progressive Food and Drug Control: Tennessee and New York City, 1908-1920*, by Margaret Ripley Wolfe (Lawrence, KS: Regent's Press of Kansas, 1978). *J. Hist. Med.*, 33:560-561.
- 1976 *Safeguarding the Public Health: Newark, 1895-1918*, by Stuart Galishoff (Westport, CT: Greenwood Press, 1975). *J. Hist. Med.*, 31:379-380.
- 1973 *Molecules and Life: Historical Essays on the Interplay of Chemistry and Biology*, by Joseph Fruton (New York: Wiley-Interscience, 1972). *J. Hist. Med.*, 28:404-405.