Rx for America: History of Medicine from Smallpox to AIDS

The national debate over health insurance reform has become a perennial. The continuing search for an AIDS cure, the human genome project, and the on-going battles against cancer and heart disease consume both Americans’ attention and their dollars. Almost daily, American newspapers and magazines are filled with stories related to medical issues. Whether these articles are about AIDS, a frightening new drug resistant virus, the high cost of medical care, malpractice suits, polluted air, or the health problems of newly arrived immigrants or refugees, reports on health, disease, and medicine make front page news. Americans believe that scientific medicine is boundless in its ability to permit them to lead longer, healthier lives. This faith in the wonders of scientific medicine is a fairly recent phenomenon. However, concern about preserving health, controlling epidemics, preventing disease, and providing medical care to those who need it are not new.

From smallpox, which killed hundreds of thousands of Native Americans in colonial times, to AIDS in today’s inner city, diseases and their social constructions have been important barometers of who we are as a people. Health, disease, and the healer’s role in American society and culture are the course themes. The perspectives are those of the patient, the physician, and the public health policy-maker. Health dangers posed by industrialization, urbanization, and immigration will be a special focus. Topics include epidemics (including AIDS), the hospital, ethnicity, race, urban health care, controversies in medical ethics, and medical discoveries (e.g. Salk and Sabin vaccines and the wonder drugs.

TEXTS (available for purchase at the campus store)

Duffy, John            From Humors to Medical Science, A History of
                       American Medicine (2nd ed.)
Rosenberg, Charles     The Cholera Years
Kraut, Alan M.         Silent Travelers: Germs, Genes, and the Immigrant Menace
Leavitt, Judith Walzer  Brought to Bed, Child-bearing in America, 1750-1950
Thomas, Lewis          The Lives of a Cell: Notes of a Biology Watcher
Verghese, Abraham      My Own Country, A Doctor’s Story
Many of the course texts are on reserve in the library as well as being available at the campus bookstore. There will also be several items of required reading on two-hour reserve in the Bender Library. This material is NOT available in the bookstore and is marked with an asterisk (*).

**REQUIREMENTS**

A. This course requires the submission of a 15-20 page typed paper which explores a specific historical aspect of health, disease and/or medicine in the United States. Because one of the goals of the paper is to permit you to delve into a topic in greater depth than the assignments make possible, undergraduate papers need not demonstrate extensive research in primary sources. The paper should be based on a variety of secondary sources. However, when available and relevant, primary sources may be used. However, graduate papers **must** use some primary sources. You may explore a topic not covered in class if you wish. All paper topics **must** be approved by the instructor prior to beginning the project. Papers will be graded on style as well as content. Proper form for footnotes and bibliography can be found in the *The Chicago Manual of Style* (13th ed.) or Kate L. Turabian, *A Manual for Writers of Term Papers, Theses and Dissertations*, (most recent ed.).

*Wednesday, February 14th* (Valentine’s Day!) is the deadline for submitting a 3-5 page (word processed) statement of topic and preliminary bibliography for the instructor's approval. The paper will be due on *Friday, April 13th* by 5:00 PM. The proposal should explain what question you wish to answer in your paper, why it is an important question, what sources are available to address the question, the methodology you will use in analyzing available data, and how you will structure your argument (an outline). The last page of your proposal should be a bibliography. **DO NOT SIMPLY COPY TITLES OFF A WEBSITE.** Go to the library, look at the books and choose those that may truly be helpful because they address the topic.

B. Each student will keep a file folder of newspaper and magazine articles on one issue of contemporary importance to the role of medicine and/or health in society. e.g. a folder on alternate therapies might have articles on Asian pharmacies in Northern Virginia that are selling herbal cures; a folder on the issue of federal funding in medicine might have articles on the debate over national health care and/or articles on federal funding for AIDS research. At the end of seven weeks, each student will submit a two page summary of what has been happening in his or her area of interest as reported in the press. Then for the second half of the semester, the student may select another issue or stick with the same one. A second two page report will be due on the last day of class. The first summary is due on *Wednesday, February 28th* and the second is due on *Friday, March 30*.

C. There will be a mid-term examination on *Wednesday, March 7th* and a final examination on *Wednesday, May 9th* (2:10-4:40 PM). The final examination will cover the entire semester's work.

D. **Graduate students** are responsible for the same material as are undergraduates and will meet with the instructor after the first class to discuss supplementary reading and assignments.
E. GRADES:

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<tr>
<td>Mid-Term Examination</td>
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All late papers will be penalized 2 grade for each day after the deadline they are submitted including Saturday and Sunday. No extensions, incompletes, or make-up examinations will be given except for medical reasons or other extraordinary circumstances (as defined by the instructor). All medical excuses must be documented with appropriate doctors' notes.

Schedule of Readings:

January 17: **Introduction: Health, Disease and Medicine in the 21st Century**
Sei Met Ko (film in class)

January 24: **Health and Disease in Early America**
Warner & Tighe, Chapters 1&2
Kraut, Silent Travelers, pp.1-30.

January 31: **Medicine in the Early Republic**
Warner & Tighe, Chapters 3-5
Film: A Midwife≠Tale

February 7: **Mid-Nineteenth Century Epidemics and Public Health**
Rosenberg, The Cholera Years

February 14: **Medicine and the Civil War Era**
Warner & Tighe, Chapter 6
Guest Speaker: Dr. Robert Joy, Professor Emeritus, Uniformed University of the Health Sciences

**Paper Proposal is due.**

February 21: **The Immigrant and The City: New Theories of Disease and New Challenges for Medicine and Public Health Officials**
Warner & Tighe, Chapters 7-8.
Kraut, Silent Travelers, pp. 30-165.
Film: A Temple of Moloch@
A The People≠ Plague@ (in media center)
February 28: **Doctors and Hospitals in Progressive America**
Warner & Tighe, Chapters 9-11.

**First Article Summary is Due**

March 7: **Mid-Term Examination**

March 14: **SPRING BREAK**

March 21: **The Inter-War Years: Joseph Goldberger and the War on Pellagra in the South; Alice Hamilton and the War on Occupational Diseases in the North**
*Joann G. Elmore and Alvan R. Feinstein, *Joseph Goldberger: An Unsung Hero of American Clinical Epidemiology*, @Annals of Internal Medicine, 121(September, 1994); 372-375.
Film: Two short films on Goldberger

March 28: **Medicine in the New Deal Era**
Warner & Tighe, Chapter 12
*Ronald Numbers, "The Third Party: Health Insurance in America"
* Elizabeth Fee, *Henry E. Sigerist: His Interpretations of the History of Disease and the Future of Medicine*
Film: *Deadly Deception*

March 30 (Friday): **Second Article Summary is Due**

April 4: **Health As A Social Phenomenon: 1940s and 1950s**
Warner & Tighe, Chapter 13
Film: *Paralyzing Fear: The Story of Polio in America.*
April 11: Surgery: From Barbers to the Best and Brightest
Guest Lecturer: Dr. Dale C. Smith,
Uniformed University of the Health Sciences
Duffy, from Humors to Medical Science, pp.188-202.
Lewis Thomas, "The Technology of Medicine" in
The Lives of a Cell, 31-36.
*Gert Brieger, "The Development of Surgery:
Historical Aspects Important in the Origin
and Development of Modern Surgical Science,"
from David C. Sabiston, Jr., ed. Textbook
of Surgery: The Biological Basis of Modern
Surgical Practice (14th ed.).
*Peter D. Olch, "Evarts Graham, The American
College of Surgeons, and the American Board
of Surgery," Journal of the History of
Medicine and Allied Sciences, XXVII (July, 1972), 247-261.

April 13 (FRIDAY): RESEARCH PAPER IS DUE!

April 18: Medical Ethics
Warner & Tighe, Chapter 15
Thomas, Lives of a Cell (finish volume)
Guest Lecturers: Dr. David Fleming and Dr. Roberto Dell'Oro
Center for Clinical Bioethics, Georgetown University Medical Center

April 25: Twenty-First Century Medicine: AIDS, Cost, and Culture
Warner & Tighe, Chapter 14
Verghese, My Own Country, A Doctor’s Story

May 9: Final examination (2:10-4:40).