

HISTORY OF SCIENCE/HISTORY OF MEDICINE 212
THE PHYSICIAN IN HISTORY
~~Fall~~ Spring, 2003

Instructors:

Tom Broman
Dept. of History of Science
7133 Social Sciences Bldg.
263-1562/262-1406

Fred Gibbs
Dept. of History of Science
7142 Social Sciences Bldg.
262-3999/262-1406

E-mail addresses -

Tom Broman: thbroman@wisc.edu
Fred Gibbs: fgibbs@wisc.edu

COURSE DESCRIPTION

This course presents an introductory survey of the history of medicine during the past 2500 years. Given the scope of the topic, it is necessary to restrict our coverage somewhat and therefore--as the course title suggests -- we shall be considering two facets of the physician's place in medicine. First, we shall discuss the major doctrines of health and illness and how they have evolved through time. At the same time, we shall also consider the physician's changing place in society. It will be the task of the lectures to move back and forth between these two points of view and show how they connect to each other.

The basic format for our meetings will be three lectures and one small group discussion per week. The discussion sections are NOT optional, and as you can see from the grade distribution (below), they will carry a considerable weight in your final grade. So it will be worth your while to prepare for them by doing the reading.

There is one required text, which may be purchased at the Underground Textbook Exchange, 664 State Street:

W. F. Bynum, *Science and the Practice of Medicine in the Nineteenth Century*

There is also a packet of required readings, available at the History of Science office, 7143 Social Sciences. Copies of the required texts and packet readings will also be kept on reserve at College Library in Helen White Hall.

Finally, you may also want to know about two other useful texts that are in the College Library Reserve collection:

Nancy G. Siraisi, *Medieval and Early Renaissance Medicine*

Paul Starr, *The Social Transformation of American Medicine*

Both of these books offer broad surveys of their topics, and should be consulted for additional information as needed.

COURSE REQUIREMENTS AND GRADING

This course has no in-class hourly exams and no final exam. Instead you will write a 5-6 page essay after each unit in the course. As part of the assignment, you will be asked to bring a draft of your essay for the first two units to discussion section the week after the assignment is handed out, where it will be read and critiqued by other students. You will then have another week to re-write the essay. The criticism of drafts is extremely important, and anyone who does not produce a draft for discussion will lose 1.5 points off the final grade for that exam. Therefore a 4.0 essay will be graded a 2.5, and so on. Outlines will not be acceptable as substitutes for drafts.

Grades will be weighted as follows:

- 25% for each essay (total for 3 essays, 75%)
- 25% discussion

One final point about grading and paper-writing. You will be asked to cite your sources in writing your essays and giving proper credit for the source of both your ideas and your information. We will help you do this, but you should also look at the information presented at <http://www.wisc.edu/writing/Handbook/QuotingSources.html>. Failure to adhere to these guidelines constitutes plagiarism, which is a serious academic offense. 212 students rarely run into plagiarism problems, but it *has* happened on occasion, so take care with your work.

SCHEDULE OF LECTURES AND READINGS

UNIT I: The Creation of a Medical Establishment

WEEK 1

Sept. 3 - Introduction: Healing as Therapy and Explanation

Sept. 5 - Healing and Religious Belief (discussion)

Reading: The Book of Leviticus, chaps. 12-15 (in-class handout)

The Book of Job, chaps. 1-10 (in-class handout)

WEEK 2

Sept. 8 - Natural philosophy and Hippocratic medicine

Sept. 10 - Hippocratics and other healers

Sept. 12 - Discussion of Hippocratic texts

Reading: Hippocrates, *The Art, Prognosis and Airs, Waters, Places*.

Vivian Nutton, "Murders and Miracles: Lay Attitudes towards Medicine in Classical Antiquity." (packet)

WEEK 3

Sept. 15 - Later Greek medicine: Galen and the Alexandrian physicians

Sept. 17 - Christianity & Islam: Attitudes toward healing.

Sept. 19 -

Reading: Galen, *On Prognosis* (packet)

Emilie Savage-Smith, "Europe and Islam."

Nigel Allen, "Hospice to Hospital in the Near East."

WEEK 4

Sept. 22 - Medical Knowledge in Latin Europe before the 11th century

Sept. 24 - The Recovery of Greek Learning & the Establishment of a Medical Profession

First essay assignment to be handed out

Sept. 26 - Discussion of writing assignment

Reading: Pearl Kibre, "The Faculty of Medicine at Paris, Charlatanism, & Unlicensed Medical Practices in the Later Middle Ages." (packet)

Carole Rawcliffe, "The Profits of Practice: the Wealth and Status of Medical Men in Later Medieval England." (packet)

UNIT II - Medicine and experimental science

WEEK 5

Sept. 29 - Workshop on peer reviewing

Oct. 1 - Introduction to Unit II

Oct. 3 - Medicine and the Scientific Revolution

Reading: Discussion of drafts of first essays (no reading)

WEEK 6

Oct. 6 - Physicians and the medical marketplace

Oct. 8 - Policing the public's health

Oct. 10 -

Reading: Roy Porter, "The Patient in England, c. 1660-1800." (packet)

J. P. Frank, *A System of Complete Medical Police* (packet)

WEEK 7

Oct. 13 - The rise of urban hospitals

Oct. 15 - The Paris School

Oct. 17 -

Reading: Ivan Waddington, "The Role of Hospitals in the Development of Modern Medicine: A Sociological Analysis." (packet)

Risse, "Medicine in the Age of Enlightenment." (packet)

Bynum, *Science and the Practice of Medicine*, chapter 2.

WEEK 8

Oct. 20 - The Development of experimental medicine

Oct. 22 - Public health in the 19th century

Oct. 24 -

Reading: Bynum, *Science and the Practice of Medicine*, chapter 3.

Ann La Berge, "Investigation and Practical Reform: Public Health in Paris." (packet)

John Harley Warner & Janet Tighe, *Major Problems in the History of American Medicine*, pp. 201-207. (packet)

WEEK 9

Oct. 27 - The germ theory of disease

Oct. 29 - Summary of unit II: The germ theory, experimental science and public hygiene

Second essay assignment to be handed out

Oct. 31 - Discussion of writing assignment

Reading: Nancy Tomes, "The Private Side of Public Health: Sanitary Science, Domestic Hygiene, and the Germ Theory, 1870-1900." (packet)

Bynum, *Science and the Practice of Medicine*, chap. 4 & pp. 123-137.

Judith Leavitt, "Health in Urban Wisconsin: From Bad to Better." (packet)

Warner & Tighe, *Major Problems*, pp. 213-215, 239-244. (packet)

UNIT III - Creating a medical profession in America

WEEK 10

Nov. 3 - Introduction to unit III

Nov. 5 - The American medical profession in the 19th century.

Nov. 7 -

Reading: Discussion of paper drafts (no reading)

WEEK 11

Nov. 10 - Healing movements and social reform

Nov. 12 - The consolidation of professional authority

Nov. 14 -

Reading: Judith Leavitt, "A Worrying Profession: The Domestic Environment of Medical Practice in Mid-Nineteenth Century America." (packet)

Warner and Tighe, *Major Problems*, pp. 70-73, 127-140. (packet)

WEEK 12

Nov. 17 - Reform of medical education

Nov. 19 - The emergence of the modern hospital

Nov. 21 - NO CLASS

Reading: Edward Atwater, "Women, Surgeons, and a Worthy Enterprise." (packet)

Charles Rosenberg, *The Care of Strangers*, chapters 9 & 10 (packet)

WEEK 13

Nov. 24 - The introduction of new medical technologies

Nov. 26 - The growth of medical specialization

Nov. 28 - NO CLASS (Thanksgiving)

Reading: No discussion sections this week

WEEK 14

Dec. 1 - Struggles over health insurance

Dec. 3 - The creation of the Medicare system

Dec. 5 -

Reading: Warner and Tighe, *Major Problems*, pp. 351-354.

Committee on the Costs of Medical Care, *Medical Care for the American People* (1932), pp. 37-71. (packet)

Keith Wailoo, "Genetic Markers of Segregation: Sickle Cell Anemia, Thalassemia, and Racial Ideology in American Medical Writing, 1920-1950." (packet)

WEEK 15

Dec. 8 - The 1970s health care "crisis" and the birth of the HMO

Dec. 10 - Ongoing (and endless!) attempts to reform the system

Dec. 12 - Course overview and evaluation

Reading: Paul Starr, "Transformation in Defeat: The Changing Objectives of National Health Insurance, 1915-1980." (packet)

Rashi Fein, "Medical Care, Medical Costs: The Search for a Health Insurance Policy." (packet)