HISTORY OF MEDICINE 507
HEALTH, DISEASE AND HEALING I

Fall, 2003

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History of Medicine 507 offers a comprehensive survey of the social, intellectual and institutional developments in health care between 400 b.c. and 1700. In any course covering this much ground, one cannot hope to give equal attention to all aspects of the subject, so I have concentrated on those topics where there seems to be the most abundant and accessible historical literature. As an experiment this year, I decided to organize the course in what is called by the Timetable people "lecture-lab format," which means that we meet for one hour lecture each week and then two hours or the "lab" portion of the course. Each Wednesday-Monday "pair" works as a unit. The lecture on Wednesday will serve as something of an oral reading guide for the following Monday's seminar meeting.

There are three books that will be used in this course, which are available for purchase at the Underground Textbook Exchange on State Street:

Carlo M. Cipolla, *Faith, reason and the Plague in Seventeenth-Century Tuscany*
Mary Lindemann, *Medicine and Society in Early Modern Europe*
Nancy G. Siraisi, *Medieval and Early Renaissance Medicine*

There is also a required course reader, which costs $27.00, available in the History of Science office, 7143 Social Science.

Course requirements & grading

Let there be no mistake: This is primarily a seminar-type course. The reading load is heavy – sometimes over 100 pages per week, although I have tried to make it taper off toward the end of the semester – and you will be expected to come to class on Mondays having done the reading and prepared to talk about it. As you will see below, attendance and participation carry a considerable weight in your final grade, and absences for *any* reason other than illness or family emergency will count against your participation grade. Your participation grade begins at a "B" and will go up or down from there.

Students taking the course for 4 credits will do an 8 to 10–page research paper on a topic worked out in consultation with me. Students taking the course for 3 credits may, at that choice, do a research paper too, as a substitute for one of the three required take-home essays, which will be distributed after each third of the course. These essays will be responses to questions handed out the previous week in class, and will be based on assigned readings and lectures. Students who elect to do the research paper will write two of those three essays (it will be the student's choice about which one not to do), and the balance in grading will be shifted somewhat toward greater weighting of the research paper.

At the very latest, all students who want to do a research paper must have informed me of their choice by the time the first essay questions are distributed on Wednesday, October 2. After this date, no one may choose to do the research paper option.

Grading for the option *without* a research paper will be:
25% attendance and participation
25% for each of the three essays

Grading for the option *with* a research paper will be:
25% for attendance and participation
20% for each of the two essays
35% for the research paper

Graduate students will be expected to write a substantial research paper (approx. 15–18 pages), which will be due the week of Thanksgiving, when the undergrad research papers are due.

Schedule of topics and readings:

Wednesday, September 3 – Course Introduction: On Ancient Medicine
Readings for September 8
Hippocrates, *On Ancient Medicine* (reading #1)
Kuriyama, "Interpreting the History of Bloodletting." (reading #2)

WEEK 2 – Basic Concepts of Hippocratic Medicine
Readings for September 15
Hippocrates, *Epidemics*, Book 1 (reading #5)
Airs, Waters, Places (reading #6)
Prognosis (reading #7)
Regimen in Acute Diseases (reading #8)

WEEK 3 – The Social and Cultural Nexus of Greek Medicine
Readings for September 22
Jouanna, " The Physician and the Public," and "The Physician and the Patient."
von Staden, "In a Pure and Holy Way." (reading #11)
Temkin, "The Cult of Asclepius." (reading #15)
Edelstein and Edelstein, "God and Good Fortune: Cures of Apollo and Asclepius."

WEEK 4 – Medicine in the Roman World
Readings for September 29
von Staden, "Anatomy as Rhetoric." (reading #3)
Mattern, "Physicians and the Roman Imperial Aristocracy." (reading #20)
Galen, *On Examinations By Which the Best Physicians Are Recognized* (reading #13)
Celsus, *De Medicina* (reading #12)

Questions for first essay distributed Wednesday, October 1.
First essay due in class, Wednesday, October 8.

WEEK 5 – Medicine in Late Antiquity: Christian and Muslim Responses
Readings for October 6
Leiser, "Medical Education in Islamic Lands."
Savage-Smith, "Attitudes Toward Dissection in Medieval Islam." (reading #4)
Ferngren, "Early Christianity As a Religion of Healing." (reading #22)
Savage Smith, "Islamic Culture and the Medical Arts." See this online exhibition at http://www.nlm.nih.gov/exhibition/islamic_medical/islamic_00.html#toc).

WEEK 6 – The Establishment of Medicine as a Scholarly Discipline
Readings for October 13
Johannitius, *The Galenic System* (reading #23)
Siraisi, *Medieval and Renaissance Medicine*, chapters 1, 3 & 4.
McVaugh, "The Nature and Limits of Medical Certitude at Early Fourteenth-Century Montpellier." (reading #24)

WEEK 7 – Medical Practice in Medieval Europe
Readings for October 20
Siraisi, *Medieval and Renaissance Medicine*, chapter 2.
Sweet, "Hildegard of Bingen and the Greening of Medicine." (reading #25)
Getz, "The Variety of Medical Practitioners in Medieval England." (reading #26)
Wallis, "Signs and Senses." (reading #27)

WEEK 8 – The Black Death: Perceptions and Consequences
Readings for October 27
McNeill, "Confluence of the Civilized Disease Pools of Eurasia: 500 B.C. to A.D. 1200.
Cohn, "The Black Death: End of a Paradigm."
Horrox, selections from *The Black Death* (reading #28)

Questions for second essay distributed Wednesday, October 30.
Second essay due in class, Wednesday, November 5.

WEEK 9 – Plague and Public Health
Readings for November 3
Lindemann, *Medicine and Society in Early Modern Europe*, chapter 2
Cipolla, *Faith, Reason and the Plague in Seventeenth-Century Tuscany*, pp. 1–85.
Carmichael, "Epidemics and State Medicine in Milan." (reading #30)

WEEK 10 – Medical Humanism and the Paracelsian Movement
Readings for November 10
Pereira, "*Mater Medicinarum.*" (reading #29)
Trevor-Roper, "The Paracelsian Movement."
Paracelsus, *Selected Writings*
Debus, "Paracelsianism and the Diffusion of the Chemical Philosophy."

WEEK 11 – Anatomy and the Medical Renaissance
Readings for November 17
Park, "The Criminal and Saintly Body."
French, "Bologna and Padua." (reading #32)

WEEK 12 – Anatomy and Gender
Reading for November 24
Laqueur, "Destiny is Anatomy" and "New Science, One Flesh."
Stolberg, "A Woman Down to Her Bones," Laqueur, "Sex in the Flesh," and Schiebinger, "Skelettedstreit."

WEEK 13 – Medical Care and Poor Relief in Early Modern Europe
Readings for December 1
Lindemann, *Medicine and Society in Early Modern Europe*, chapter 5
Gentilcore, "Cradles of Saints and Useful Institutions." (reading #33)
Pelling, "Healing the Sick Poor." (reading #34)

WEEK 14 – Medicine and the Scientific Revolution
Readings for December 8
Lindemann, *Medicine and Society in Early Modern Europe*, chapter 3
Roos, "Luminaries of Medicine." (reading #37)
Cook, "The New Philosophy and Medicine in Seventeenth-Century England." (reading #38)

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Reading packet table of contents

NOTE: Because of the way some of the readings were grouped in the books or journals in which they originally appeared, their order in the packet does not correspond completely to the order in which they will be read during the semester

1. Hippocrates, *Ancient Medicine*. In *Hippocrates*, vol. 1 trans. W. H. S. Jones. Loeb Classical Library no. 147 (Cambridge, Mass.: Harvard Univ. Press, 1995), pp. 12–63.[1]

2. Shigehisa Kuriyama, "Interpreting the History of Bloodletting." *Journal of the History of Medicine* 1995, *50*:11–46.

3. Heinrich von Staden, "Anatomy as Rhetoric: Galen on Dissection and Persuasion." *Journal of the History of Medicine* 1995, *50*:47–66.

4. Emilie Savage-Smith, "Attitudes Toward Dissection in Medieval Islam." *Journal of the History of Medicine* 1995, *50*:67–110.

5. Hippocrates, *Epidemics* Book I. In *The Medical Works of Hippocrates*, trans. J. Chadwick, W. N. Mann *et al.* (Oxford: Blackwell, 1950), pp. 29–54.

6. Hippocrates, *Airs, Waters, Places*. In *The Medical Works of Hippocrates*, pp. 90–111.

7. Hippocrates, *Prognosis*. In *The Medical Works of Hippocrates*, pp. 112–127.

8. Hippocrates, *Regimen in Acute Diseases*. In *The Medical Works of Hippocrates*, pp. 128–47.

9. Jacques Jouanna, "The Physician and the Public" and "The Physician and the Patient," in Jouanna, *Hippocrates*, trans. M. B. DeBevoise (Baltimore: Johns Hopkins Univ. Press, 1999), pp. 75–140.

10. Heinrich von Staden, "'In a Pure and Holy Way': Personal and Professional Conduct in the Hippocratic Oath." *Journal of the History of Medicine* 1996, *51*:404–37.

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[1]Along with several other readings in the packet, this is a facing-page translation, with the original Greek text on the left and the equivalent passages translated into English on the right. You have been given the first two pages, so that you can get an idea of what the text looks like and how it is structured. But after the first page, the packet contains only the translation. That is why page numbering proceeds with alternate pages.

11. Owsei Temkin, "The Cult of Asclepius." In Temkin, *Hippocrates in a World of Pagans and Christians* (Baltimore: Johns Hopkins Univ. Press, 1991), pp. 79–85.

12. Emma J. Edelstein and Ludwig Edelstein, *Asclepius: Collection and Interpretation of the Testimonies*, with a new intro. by Gary B. Ferngren (Baltimore: Johns Hopkins Univ. Press, 1991), pp. 229–41.

13. Susan P. Mattern, "Physicians and the Roman Imperial Aristocracy: The Patronage of Therapeutics." *Bulletin of the History of Medicine* 1999, *73*:1–18.

14. Celsus, *De Medicina*, trans. W. G. Spencer, 3 vols. Loeb Classical Library nos. 292, 304, 336. (Cambridge, Mass.: Harvard Univ. Press, 1971), vol. 1 pp. 2–51, 69–81; vol. 2 pp. 3–25. [alternate pages]

15. Galen, *On Examinations By Which the Best Physicians Are Recognized*, trans. Albert Z. Iskandar (Berlin: Akademie-Verlag, 1988), pp. 41–129. [alternate pages]

16. Gary Leiser, Medical Education in Islamic Lands from the Seventh to the Fourteenth Century." *Journal of the History of Medicine* 1983, *38*:48–75.

17. Gary B. Ferngren, "Early Christianity As a Religion of Healing." *Bulletin of the History of Medicine* 1992, *66*:1–15.

18. Johannitius (Hunain ibn Ishaq), *The Galenic System*, In *A Source Book of Medieval Science*, ed. Edward Grant (Cambridge, Mass.: Harvard Univ. Press, 1974), pp. 705–715.

19. Michael McVaugh, "The Nature and Limits of Medical Certitude at Early Fourteenth-Century Montpellier." In *Renaissance Medical Learning: Evolution of a Tradition*, ed. Michael McVaugh and Nancy G. Siraisi. *Osiris* 2nd series 1990, *6*:62–84.

20. Victoria Sweet, "Hildegard of Bingen and the Greening of Medicine." *Bulletin of the History of Medicine* 1999, *73*:381–403.

21. Faye Getz, "The Variety of Medical Practitioners in Medieval England." In Getz, *Medicine in the English Middle Ages* (Princeton: Princeton Univ. Press, 1998), pp. 3–19.

22. Faith Wallis, "Signs and Senses: Diagnosis and Prognosis in Early Medieval Pulse and Urine Texts." *Social History of Medicine* 2000, *13*:265–78.

23. William H. McNeill, "Confluence of the Civilized Disease Pools of Eurasia: 500 B.C. to A.D. 1200." In McNeill, *Plagues and Peoples* (Garden City, N.Y.: Anchor Press, 1976), pp. 149–98.

24. Samuel K. Cohn, Jr., "The Black Death: End of a Paradigm." *American Historical Review* 2002, *107*:703–38.

25. "The Report of the Paris Medical Faculty, October 1348," "The Astrological Causes of Plague," and "The Dangers of Corrupted Air." In *The Black Death*, trans. and ed. Rosemary Horrox (Manchester, U. K.: Manchester Univ. Press, 1994), pp. 158–63, 167–77.

26. Michela Pareira, "*Mater Medicinarum*: English Physicians and the Alchemical Elixir in the Fifteenth Century." In *Medicine from the Black Death to the French Disease*, ed. Roger French *et al.* (Aldershot, U.K.: Ashgate, 1998), pp. 26–52.

27. Ann G. Carmichael, "Epidemics and State Medicine in Fifteenth-Century Milan." In *Medicine from the Black Death to the French Disease*, pp. 221–47.

28. Hugh Trevor-Roper, "The Paracelsian Movement." In Trevor-Roper, *Renaissance Essays* (Chicago: Univ. of Chicago Press, 1985), pp. 149–199.

29. Allen G. Debus, Paracelsianism and the Diffusion of the Chemical Philosophy in Early Modern Europe." In Ole Peter Grell (ed.), *Paracelsus: The Man and His Reputation, His Ideas and Their Transformation* (Leiden: Brill, 1998), pp. 225–244.

30. Paracelsus, *Selected Writings*, ed. with an intro.by Jolande Jacobi, transl. by Norbert Guterman (Princeton: Princeton Univ. Press, pp. 49–87.

31. Katharine Park, "The Criminal and the Saintly Body: Anatomy and Dissection in Renaissance Italy." Renaissance Quarterly 1994, 47:1–33.

32. Roger French, "Bologna and Padua: Anatomical Rationalities." In French, *Dissection and Vivisection in the European Renaissance* (Aldershot, U.K.: Ashgate, 1999), pp. 73–121.

33. Thomas Laqueur, "Destiny Is Anatomy," and "New Science, OneFlesh." In Laqueur, *Making Sex: Body and Gender from the Greeks to Freud* (Cambridge, Mass.,: Harvard Univ. Press, 1990), pp. 25–113.

34. Michael Stolberg, "A Woman Down to Her Bones: The Anatomy of Sexual difference in the Sixteenth and Seventeenth Centuries." Thomas W. Laqueur, "Sex in the Flesh," and Londa Schiebinger, "Skelettestreit." *Isis* 2003, *94*:274–313.

35. David Gentilcore, "'Cradles of Saints and Useful Institutions': Health Care and Poor Relief in the Kingdom of Naples." In *Health Care and Poor Relief in Counter-Reformation Europe*, ed. Andrew Cunningham and Jon Arrizabalaga (London and New York: Routledge, 1999), pp. 132–150.

36. Margaret Pelling, "Healing the Sick Poor: Social Policy and Disability in Norwich, 1550–1640." In Pelling, *The Common Lot: Sickness, Medical Occupations and the Urban Poor in Early Modern England* (London and New York: Longman, 1998), pp. 79–102.

37. Anna Marie Roos, "Luminaries of Medicine: Richard Mead, James Gibbs, and Solar and Lunar Effects on the Human Body in Early Modern England." *Bulletin of the History of Medicine* 2000, *74*:433–57.

38. Harold J. Cook, "The New Philosophy and Medicine in Seventeenth-Century England." In *Reappraisals of the Scientific Revolution*, ed. David C. Lindberg and Robert S. Westman (Cambridge: Cambridge Univ. Press, 1990), pp. 397–436.