



Medical History 507 **Health, Disease & Healing I:**

Professor Walt Schalick

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Office hours: Mondays and Wednesdays,

1:00-2:00 pm & by appointment,

Medical Sciences, 1410

Class: Social Work 114,

Mon. & Wed., 2:30-3:45pm

Welcome to our class! During 507 we will explore the development of medical thought and practice from Antiquity to the end of the Renaissance with especial emphasis on the European Middle Ages. The topics will be wide-ranging – from sexuality to the invention of the medical universities, from the most eminent surgeons to the least-known patients, from cancer to the Black Death. The readings will include a thick mixture of primary sources in translation and secondary sources, both classic and newly published. The emphasis of our discussions will be the characteristics of medicine in a variety of centuries as well as lacunae in our understanding and debates in the literature. We will encounter a variety of techniques and tools used by medievalists as we course through the sessions.

Course Organization:

There are thirteen, class weeks, numbered 1-13 in the *Prospectus*. Each week will be divided into two parts: a) a lecture (Monday) on the topic being covered and b) a discussion (Wednesday) of the material from the readings and the lecture.

Assignments:

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| ♦ Class Participation | 25% |
| ♦ Paper 1: 5 pp., due October 15 | 25% |
| ♦ Paper 2: 10-15 pp., due *December 19 | 50% |

Readings:

Two books may be found at the Campus Store and on-reserve at Olin Library:

Nancy G. Siraisi, Medieval & Early Renaissance Medicine: An Introduction to Knowledge and Practice (Chicago: University of Chicago Press, 1990).

Carole Rawcliffe, Sources for the History of Medicine in Late Medieval England (Kalamazoo: Western Michigan University, 1995).

We will also use articles scanned in through Library, which are referred to as *lector*.

N.B.:

Academic Integrity:

As per the Statement of Student Academic Integrity, plagiarism, copying from other students, and other forms of cheating are not tolerated. Violations of standard rules of academic integrity will be reported to the Dean and may lead to disciplinary action which could result in expulsion from the University.

Prospectus:

The three “texts” for this class are indicated as follows:

Siraisi = Nancy G. Siraisi, Medieval & Early Renaissance Medicine: An Introduction to Knowledge and Practice (Chicago: University of Chicago Press, 1990).

Rawcliffe = Carole Rawcliffe, Sources for the History of Medicine in Late Medieval England (Kalamazoo: Western Michigan University, 1995).

Lector = eRes reading packets, available via Olin Library.

All readings not indicated as **Siraisi** or **Rawcliffe** are in **Lector** *via eRes*.

α. Wednesday 9/5:

Introduction

No Readings

1. Monday 9/10 and Wednesday, 9/12:

Hippocrates, Dioscorides, Galen and Medicine in Antiquity

Ludwig Edelstein, “The Hippocratic Physician” in Owsei Temkin and C. Lillian Temkin (eds.), Ancient Medicine (Baltimore: The Johns Hopkins University Press, 1967), pp. 87-110.

Paul Potter, “Some Principles of Hippocratic Nosology” in Paul Potter, Gilles Maloney et Jacques Desautels (éds.), La maladie et les maladies dans la collection Hippocratique, Actes du Vie Colloque International Hippocratique (Québec: Éditions du Sphinx, 1990), pp. 237-53.

“The Sacred Disease” in Lloyd, G.E.R. (ed.), Hippocratic Writings, J. Chadwick et al. (trs.) (London: Penguin, 1983), pp. 237-51.

John M. Riddle, “Chapter 1: Dioscorides and the Materials of Medicine” in his Dioscorides on Pharmacy and Medicine (Austin: University of Texas, 1985), pp. 1-24.

Dioscorides, *The Herbal*, pp. 1-6 {from Robert T. Gunther, The Greek Herbal of Dioscorides (Oxford: Oxford University Press, 1934)}.

Owsei Temkin, "Chapter 1: The Portrait of an Ideal," Galenism: Rise and Decline of a Medical Philosophy (Ithaca: Cornell University Press, 1973), pp. 10-40.

Galen, *De locis affectis*, pp. 45-7 {from Logan Clendening (ed.), Source Book of Medical History (New York: Dover, 1942)}

Heinrich von Staden, "The Discovery of the Body: Human Dissection and Its Cultural Contexts in Ancient Greece", *The Yale Journal of Biology and Medicine*. 1992; 65: 223-41.

2. Monday, 9/17 and Wednesday, 9/19: Early Medieval Medicine

Siraisi, pp. 1-16.

Gerhard Baader, "Early Medieval Latin Adaptations of Byzantine Medicine in Western Europe" in John Scarborough (ed.), Symposium on Byzantine Medicine, *Dumbarton Oaks Papers*, No. 38 (Washington, D.C.: Dumbarton Oaks Research Library and Collection, 1985), pp. 251-9.

Flint, Valerie J., "The Early Medieval 'Medicus', the Saint -- and the Enchanter", *Society for the Social History of Medicine*, 1989, 2: 127-45.

Linda E. Voigts, "Anglo-Saxon Plant Remedies and the Anglo-Saxons", *ISIS*, 1979;70:250-68.

Jesse L. Byock, "Egil's Bones", *Scientific American*, 1995,272:82-7.

Frederick S. Paxton, "Curing Bodies – Curing Souls: Hrabanus Maurus, Medical Education, and the Clergy in Ninth-Century Francia", *Journal of the History of Medicine and Allied Sciences*, 1995;50:230-52.

Bishop Isidore of Seville in William D. Sharpe (tr.), Isidore of Seville: The Medical Writings, *Transactions of the American Philosophical Society*, vol. 54, Part 2 (Philadelphia: The American Philosophical Society, 1964), pp. 55-64

3. Monday, 9/24 and Wednesday, 9/26:

Arabic Medicine

Lawrence I. Conrad, "The Arab-Islamic Medical Tradition" in Lawrence I. Conrad, et al. (eds.), The Western Medical Tradition, 800 B.C. to AD 1800 (Cambridge: Cambridge University Press, 1995), pp. 93-138.

Nancy G. Siraisi, "The Canon of Avicenna" in her *Avicenna in Renaissance Italy*. Princeton: Princeton U. Press, 1987, pp. 19-40;

Rhazes, "A Treatise on the Small-Pox and Measles" in Logan Clendening (ed.), Source Book of Medical History (New York: Dover, 1942), pp. 72-75

Avicenna, "Canon" as excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), pp. 715-20.

Johannitius, "Isagoge" as excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), pp. 705-715.

4. Monday, 10/1 and Wednesday, 10/3:

Salerno, Chartres and the Cathedral Schools

Charles Homer Haskins, "Chapter 1: The Historical Background" in his *The Renaissance of the Twelfth Century* (Cambridge: Harvard University Press, 1955), pp. 3-29.

Kristeller, Paul Oskar, "The School of Salerno: Its Development and Contribution to the History of Learning", *BHM*, 1945, 17: 138-94.

Dronke, Peter, "New Approaches to the School of Chartres", *Annuario de Estudios Medievales*, 1969; 6:117-140.

Jordan, Mark D., "Medicine and Natural Philosophy: Exegesis and Argument in Salernitan Teaching on the Soul" in Michael R. McVaugh and Nancy G. Siraisi, Renaissance Medical Learning: Evolution of a Tradition, *Osiris*, 1990, 6: 42-61.

Maurus of Salerno, "Commentary on the Prognostics of Hippocrates" in Morris Harold Saffron, Maurus of Salerno: Twelfth-century 'Optimus Physicus' with his

Commentary on the Prognostics of Hippocrates (Philadelphia: The American Philosophical Society, 1972), pp. 54-8 (through the end of section 3).

Matthaeus Platearius, "The Rationalization of Pharmacy" excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), p. 787.

Gilles de Corbeil, "On Urines" excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), pp. 748-50.

Burnett, Charles Burnett, "The Contents and Affiliation of the Scientific Manuscripts Written at, or Brought to, Chartres in the Time of John of Salisbury" in Michael Wilks (ed.), The World of John of Salisbury (Oxford: Basil Brackwell, 1984): 127-137 (160).

5. Monday, 10/8 and Wednesday, 10/10:

The Rise of the Universities and the Period of Translations

Siraisi, pp. 48-77

Pearl Kibre, "The Faculty of Medicine at Paris, Charlatanism, and Unlicensed Medical Practices in the Later Middle Ages", BHM, vol. 27, 1953: 1-20;

Baldwin, John W, "Masters at Paris from 1179 to 1215" in Robert L. Benson and Giles Constable (eds.), Renaissance and Renewal in the Twelfth Century (Cambridge: Harvard University Press, 1982): 138-72.

O'Boyle, Cornelius, "Chapter One: Medical Studies in Paris" in his The Art of Medicine: Medical Teaching at the University of Paris, 1250-1400 (Leiden: E.J. Brill, 1998), pp. 9-32.

García-Ballester, Luis, Ferre Lola and Feliu Eduard, "Jewish Appreciation of Fourteenth-century Scholastic Medicine" in Michael R. McVaugh and Nancy G. Siraisi, Renaissance Medical Learning: Evolution of a Tradition, *Osiris* 6, 1990: 85-117.

MID-TERM PAPER DUE WEDNESDAY, 10/15

6. Monday, 10/15 and Wednesday, 10/17:

Apothecaries and Pharmacy

Stannard, Jerry, "Medieval Herbals and their Development", *Clio Medica*, 1974;9:23-33.

Getz, Faye Marie, "Introduction" in her Healing and Society in Medieval England: A Middle English Translation of the Pharmaceutical Writings of Gilbertus Anglicus (Madison: University of Wisconsin Press, 1991), pp. xv-xli.

McVaugh, Michael R., "Quantified Medical Theory and Practice at Fourteenth-Century Montpellier", *Bulletin of the History of Medicine*, 1969, 43: 397-413.

Welborn, Mary Catherine, "The Errors of the Doctors According to Friar Roger Bacon of the Minor Order", *ISIS*, 1932;18:26-54.

Pharmaceutical texts excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), pp. 778-786.

Rawcliffe, pp. 90-104

7. Monday, 10/22 and Wednesday, 10/24:

The Anatomists and Surgeons: Another Form of Innovation

Siraisi, pp. 153-186

Amundsen, Darrel W., "Medieval Canon Law on Medical and Surgical Practice by the Clergy", *Bulletin of the History of Medicine*, 1978, 52: 22-44.

McVaugh, Michael R., "Surgical Education in the Middle Ages", *Dynamis*, 2000;20:283-304.

Park, Katherine, "The Life of the Corpse: Division and Dissection in Late Medieval Europe", *Journal of the History of Medicine and Allied Sciences*, 1995; 50: 111-32.

Anatomical texts excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), pp. 724-42

Surgical texts excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), pp. 791-8, 802-8

Rawcliffe, pp. 45-51

**8. Monday, 10/29 and Wednesday, 10/31:
The Hospital Tradition**

Rubin, Miri, "Imagining Medieval Hospitals: Considerations on the Cultural Meaning of Institutional Change" in Jonathan Barry and Colin Jones (eds.), Medicine and Charity Before the Welfare State (London: Routledge, 1991), pp. 14-25.

Allen, Nigel, "Hospice and Hospital in the Near East: An Instance of Continuity and Change in Late Antiquity", *Bulletin of the History of Medicine*, 1990; 64:446-62.

Dols, Michael W., "The Origins of the Islamic Hospital: Myth and Reality", *Bulletin of the History of Medicine*, 1987;61:367-90.

Rubin, Miri, "Development and Change in English Hospitals, 1100-1500" in Lindsay Granshaw and Roy Porter (eds.), The Hospital in History (London: Routledge, 1989), pp. 41-59.

Katherine Park, "Healing the Poor: Hospitals and Medical Assistance in Renaissance Florence" in Jonathan Barry and Colin Jones (eds.), Medicine and Charity Before the Welfare State (London: Routledge, 1991), pp. 26-45.

Horden, Peregrine, "Review Article: A Discipline of Relevance: The Historiography of the Later Medieval Hospital", *Society for the Social History of Medicine*, 1988, 1: 359-74.

**9. Monday, 11/5 and Wednesday, 11/7:
Theory**

Siraisi, pp. 97-152

Wallis, Faith, "Inventing Diagnosis: Theophilus' *De urinis* in the Classroom", *Dynamis*, 2000;20:31-73.

Demaitre, Luke, "Medieval Notions of Cancer: Malignancy and Metaphor", *Bulletin of the History of Medicine*, 1998;72:609-37.

Rawcliffe, pp. 13-36

**10. Monday, 11/12 and Wednesday, 11/14:
Practice**

Siraisi, pp. 17-47

Riddle, John M., "Theory and Practice in Medieval Medicine", *Viator*, vol. 5, 1974: 157-84;

Rawcliffe, Carole, "The Profits of Practice: The Wealth and Social Status of Medical Men in Later Medieval England", *Bulletin for the Society for the Social History of Medicine*, vol. 37, December, 1985: 27-30;

Gil-Sotres, Pedro, "Derivation and revulsion: The theory and practice of medieval phlebotomy" in Luis García-Ballester, et al., Practical Medicine from Salerno to the Black Death (Cambridge: Cambridge University Press, 1994): 110-55.

McVaugh, Michael R., "Bedside Manners in the Middle Ages", *Bulletin of the History of Medicine*, 1997;71:201-223

Rawcliffe, pp. 60-74

**11. Monday, 11/19 (and 21):
Disease and its Social Impact**

Please REMEMBER to fill out a course evaluation: <http://evals.wustl.edu>

Grmek, Mirko D., "The Conceptualization of Pathological Events" in his Diseases in the Ancient Greek World, Mireille Muellner and Lenard Muellner (trs.) (Baltimore: The Johns Hopkins University Press, 1989), pp. 1-16.

Faye Marie Getz, "Black Death and the Silver Lining: Meaning, Continuity, and Revolutionary Change in Histories of Medieval Plague", *Journal of the History of Biology*, vol. 24, Summer, 1991: 265-89.

Demaitre, Luke, "The Description and Diagnosis of Leprosy by Fourteenth-century Physicians", *Bulletin of the History of Medicine*, 1985;59:327-44.

Carmichael, Ann G., "The Last Past Plague: The Uses of Memory in Renaissance Epidemics", *Journal of the History of Medicine and Allied Sciences*, 1998;53:132-60.

Guy de Chauliac on Bubonic Plague excerpted in Edward Grant (ed.), A Source Book in Medieval Science (Cambridge: Harvard University Press, 1974), pp. 773-4.

Scientific Explanations of the Plague, pp. 158-72.

Rawcliffe, pp. 75-81

{Wednesday, 11/22-5 Thanksgiving Break}

12. Monday, 11/26 and Wednesday, 11/28:

Women and Sex in Medicine

Riddle, Jones M. and Estes, J. Worth, "Oral Contraceptives in Ancient and Medieval Times", *American Scientist*, 1992; 80: 226-33.

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

Monica Green, "Women's Medical Practice and Health Care in Medieval Europe", *Signs*, vol. 14, 1989: 434-73.

Cadden, Joan, "It Takes all Kinds: Sexuality and Gender Differences in Hildegard of Bingen's 'Book of Compound Medicine'", *Traditio*, 1984, 40: 149-74.

Trotula texts in Monica H. Green, The Trotula: A Medieval Compendium of Women's Medicine (Philadelphia: University of Pennsylvania Press, 2001), 71-165
(odd pages only)

13. Monday, 12/3 and Wednesday, 12/5

Medicine in the Renaissance

Siraisi, pp. 187-94

Park, Katherine, "Medical Profession and Medical Practice in the Italian Renaissance" in A. C. Crombie and Nancy Siraisi (eds.), The Rational Arts of Living (Northampton, MA: Smith College, 1987), pp. 137-57.

Park, Katherine, Doctors and Medicine in Early Renaissance Florence (Princeton: Princeton University Press, 1985), pp. 47-84 (chapter II, "The Doctors").

Socino Benzi, "Life of Ugo Benzi", and Ugo Benzi, "Consilium No. 51" in Dean P. Lockwood, Ugo Benzi, Medieval Philosopher and Physician, 1376-1439 (Chicago: The University of Chicago Press, 1951): 20-32 and 58-60

Nutton, Vivian, "The Reception of Fracastoro's Theory of Contagion: The Seed that Fell among Thorns?" in Michael R. McVaugh and Nancy G. Siraisi, Renaissance Medical Learning: Evolution of a Tradition, *Osiris* 6, 1990: 196-234.

Monday 12/10 and 12/12 Discussion & Wrap-up

***Wednesday December 19, 2007 3:00 PM: FINAL PAPER DUE**