

HMED C122: The Rise of Modern Medicine 1650-1900

2005-2006: Monday's 11am-12noon – Lecture Room

Dr C.J. Lawrence

The course comprises 22 lectures. Two essays are required and each will count for 25%. An Exam consisting of four questions in two parts will count for 50%.

LECTURE SCHEDULE AND READING ASSIGNMENTS

Required Reading:

Lawrence, Christopher *Medicine in the making of modern Britain 1700-1920*, London, Routledge, 1994. (Hereafter *Making*)

Bynum, W.F. *Science and the practice of medicine in the nineteenth century*, Cambridge, Cambridge University Press, 1994. (Hereafter *Practice*)

Bernard, Claude *An introduction to the study of experimental medicine*, any edition

Invaluable Reading

Lane, Joan *A social history of medicine*, London, Routledge, 1994. (Hereafter *Social*)

Articles and Chapters

§ Xeroxed handouts

* Xeroxed articles in loan collection. These may only be borrowed overnight

articles in books in the following bibliography are invaluable

¥ additional reading also in the bibliography

These books are in the Loan Collection.

Ackerknecht, E. *Medicine at the Paris hospital*, The Johns Hopkins Press, 1967

Berliner, H., *A system of scientific medicine*, Tavistock, 1985

Bynum, W.F. and Roy Porter (eds.), *William Hunter and the eighteenth century medical world*, Cambridge, 1985.

Bynum, W.F. and Roy Porter, *Companion encyclopedia of the history of medicine*

Cartwright, F.F. *A social history of medicine*, Longman 1977

Chadwick, Edwin *Report on the Sanitary Condition....*, 1842 (1965) Introduction by M.Flinn

Coleman, William *Biology in the nineteenth century*, Cambridge, 1971

Finer, S.E *The life and times of Sir Edwin Chadwick*, 1952

French, Roger and Andrew Wear *British medicine in an age of reform*, Routledge, 1991.

Granshaw, Lindsay and Roy Porter *The hospital in history*, Routledge, 1989

Hamilton, D. *The healers*, Edinburgh, Canongate, 1981

Lawrence, Christopher *Medical theory, surgical practice*, Routledge, 1992

Lesch, J. *Science and Medicine in France*, Harvard, 1984

Loudon, Irvine *Medical care and the general practitioner*, Oxford, 1986.

Mason, S.F. *A history of the sciences* (many editions).

Morris, R.J. *Cholera*, 1832.

Passmore, John *The perfectibility of man*, London, 1972.

Porter, Roy *Disease, medicine and society in England 1550-1860*, Basingstoke, Macmillan Education, 1987.

Ramsay, Mathew *Professional and popular medicine in France 1770-1830*, 1988

Reiser, Stanley Joel *Medicine and the reign of technology*, CUP, 1978

Richardson, Ruth *Death, Dissection and the Destitute*, RKP, 1988

Risse, G. *Hospital life in Enlightenment Scotland*, CUP, 1986

Shryock, Richard *The development of modern medicine*, Wisconsin, Reprint, 1979

Vess, D. *Medical Revolution in France*, Florida, 1975.

Vogel, M.J. and C. Rosenberg *The therapeutic revolution*, Philadelphia, University of Pennsylvania Press, 1979

Waddington, Ivan *The medical profession in the Industrial Revolution*, Dublin, 1984.

Wangansteen, Owen and Sarah *The rise of surgery*, Minnesota, 1978.

Wear, Andrew (ed), *Medicine in society*, Cambridge, 1992.

TERM ONE

1. Introduction

2. Practitioners

Lawrence, *Making*, Chapter 1

Cartwright, Chapters 2 and 3

¥ Loudon, Chapters 1 to 5

¥ Waddington, Part 1

3. Practice

Reiser, Chapter 1

Rosenberg, 'Therapeutic Revolution' in Vogel and Rosenberg,

* N.D. Jewson, 'Medical knowledge and the patronage system in eighteenth century England', *Sociology*, 1974, 8: 369-385.

4. The Enlightenment

Risse, 'The Enlightenment' in Wear, *Medicine in Society*.

Mason, Chapter 24

¥ Passmore, *Perfectibility*, Chapters 8 and 9

5. The Hospital

Porter 'Gift relationship' in Granshaw and Porter

¥ Risse, *Hospital Life*, Chapter 2

6. Reading Week

7. The Scots and the Londoners

- # Lawrence, 'Artisans' in Bynum and Porter, *William Hunter*
- # Porter, 'William Hunter' in Bynum and Porter, *William Hunter*
- ¥ Hamilton, Chapter 4
- ¥ Gelfand, 'Surgeons' in Bynum and Porter, *William Hunter*

8. Bedside Medicine

- § Xeroxed handout

9. Life

- Bynum, *Practice*, Chapters 1 and 2.
- ¥ Lesch, Chapter 3

10. Hospital Medicine (1)

- Lawrence, *Making*, Chapter 2
- # Reiser, Chapter 2
- ¥ Ackerknecht, Chapters 1-7
- ¥ Lesch, Chapters 2-4
- ¥ Ramsay, Part 1
- ¥ Vess

TERM TWO

11. Hospital Medicine (2)

- * Waddington, Ivan 'The role of the hospital in the development of modern medicine: a sociological analysis', *Sociology*, 1973, 1: 211-224.
- * Temkin, O. 'The role of surgery in the rise of modern medical thought', *Bull. Hist. Med.*, 1951, 25: 248-59.

12. Practitioners

- # Lawrence, S in French and Wear
- ¥ Richardson in French and Wear
- ¥ Loudon, Chapters 6 to 14 (especially 6,7, & 8)
- ¥ Waddington, Chapters 1 to 6

13. Cellular Physiology and Pathology

- Coleman, *Biology*
- # Bynum, *Practice*, Chapter 4
- # Reiser, Chapter 4
- ¥ Shryock, Chapters 6-10

14. Social Medicine (1)

- # Lane (*Social*) Chapter 3.
- # Shryock, Chapters 3 and 12
- # Cartwright, Chapters 4, 5, 6 and 7
- # Chadwick, Introduction by Flinn
- ¥ Finer
- ¥ Richardson
- ¥ Eyler

15. Fever: Miasmas and Germs

- # Bynum, *Practice*, Chapter 3
- * Christopher Hamlin, 'Providence and Putrefaction', *Victorian Studies*, 1985 28: 381-411.
- ¥ Morris

16. The Surgeons

- # Tröhler in *Companion encyclopedia*
- # Lawrence, 'Divine democratic and heroic' in Lawrence, *Medical theory*, 1992
- ¥ Wangansteen, Chapters 17 to 20

17. Reading Week.

18. Experimental Medicine

- § Xeroxed handout
- # Reiser, Chapters 5 and 6

19. Claude Bernard

For Bernard's biography see *Dictionary of scientific biography* (Biography Room, Library, Open Access)

20. The Germ Theory

- Lawrence, *Making*, Chapter 3
- # Gelfand in Bynum and Porter, *Companion*
- # Berliner, Chapters 7 and 8