

Psy 495 History of Psychology

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This course is designed to provide the majors in psychology, or those with substantial interest in the field with an analysis of the current scene in scientific psychology from the perspective of its history. We will also deal with the use of psychological or psychoanalytic concepts in history (psychohistory, historiometrics) and biography (psychobiography, citation analysis, lineage analysis). We will trace prescientific thinking about mind and behavior, the early development of scientific concepts in psychology and the major schools of thought. We will spend several weeks dealing with the history of the subfields that comprise current psychology. We will analyze the major themes of current psychology and attempt to extrapolate from them some of the developments to be expected over the next couple of decades.

All students will be asked to employ one or more of the historical techniques outlined at the start of the course in developing a paper that will place the work of a current psychologist in its historical perspective. The prerequisite for the field is 12 upper division hours in psychology, but this could be waived in the case of majors in other fields with work in history, philosophy, science or other relevant approaches.

Graduate students who take Psychology 595 must plan to meet one extra hour per week with the instructor. Please leave Wed at 4PM for this meeting (although we might not meet each week or might arrange other times).

Week 1 Jan 4-6

Textbook

Jan 4 Introduction to the course

Ch 1.

Jan 6 Psychology and history

Week 2 Jan 9-13

Jan 9 Sources and methods for paper assignment

Jan 11 Prescientific psychology in ancient Greece
Plato and Aristotle

Ch. 2-3

Jan 13 Prescientific psychology in ancient India
Kashi and Hindu thought

OUTLINES DUE

Week 3: Jan 17-20

Jan 18. Discussion of outlines

Ch. 4-5

Jan 20 Reflexes

Hock 1

Weeks 4 Jan 23-27

Jan 23 Mental chronometry

Ch. 6

Jan 25 Mental structures

Ch.7

Jan 27 Images

Ch.8

Hock 2

Week 5: Jan 30-Feb 3

Jan 30 Intelligence.

Ch. 9,10

Feb 1 Psychoanalysis

Ch. 11

Feb. 3 Parts and wholes

Ch. 12

Hock 4

Week 6 Feb. 6-10

Feb. 5 Respondants

Ch. 13

Feb. 7 Operants

Hock 3

Feb. 9 **MIDTERM EXAMINATION**

Week 7: Jan 13-17

Feb. 13 Information and Symbol processing

Ch. 14

Feb. 15 AI and expertise

Feb. 17 Psychobiology

Hock 6

PAPERS DUE

Week 8: Feb. 20-24

Feb. 20 Development Hock5,7

Ch. 15

Feb 22 Psychopathology Hock 6,8

Feb 24. Social psychology Hock 10

PAPER DUE

Week 9 Feb. 27-March 3

Feb. 27 Paper reports

Mar 1 Paper reports

Mar 3 Paper reports

Week 10: March 6-10

March 6 Cognitive neuroscience

March8 Individuality

March 10 Consciousness

Final Examination Wed. March 15 10:15 AM

Textbook Bolles, R.C. The story of psychology

Hock, R.R. Forty students that changed psychology

Psychology 495
Winter 1995

PAPER ASSIGNMENT

The major assignment of the course is to develop a historical paper. The paper should take the form of a treatment of a major psychological figure or of a major historical theme.

If you choose to take a person you may select from those discussed in Bolles textbook in any of a number of autobiographies (e.g. Skinner or Simon) or from the Forty Studies textbook or from any of the many surveys of influential psychological figures. The paper may be biographical in form such as the Elms study of B.F. Skinner or it may involve the use of quantitative methods such as citation analysis to gauge the influences on or influence of the person chosen.

A quite different approach to history is to trace a major concept developed in the field. Often this involves the metaphors such as those discussed in the book Metaphors in the History of Psychology. An excellent example of this kind of history is "The History of Life" by Jacob.

Deadlines for development of the paper

- Jan 13th Topic for paper approved
- Jan 20th. Outline and preliminary presentation for class and in class discussion
- Feb. 24th Final paper due
- Feb. 27th. Final paper reports

Some helpful references

Bolles, R.C. The Story of Psychology Pacific Grove:Brooks Cole 1993

The textbook for the course. Provides a brief and rather personal overview of the main themes in the development of psychology.

Bruner, J.S. In search of mind: essays in autobiography New York:Harper Row, 1983

Bruner's autobiography. Reviews the career of an important developer of cognition who also writes very well.

Danzinger, K. Constructing the subject Cambridge:Cambridge Univ. Press, 1990.

Serious effort at examining the historical origins of psychology and some of the problems in reconstructing history.

Elms, A. C. Discovering Lives: The uneasy alliance of biography and psychology New York: Oxford 1994

A recent effort at psychobiography and why it often fails. An interesting treatment of Skinner as well as recent U.S. Presidents

Fitts, P.M. & Posner, M.I. (1967). Human Performance, Belmont, CA Brooks/Cole.

Review of what Posner thought in the early 1960s.

Hilgard, E.R. Psychology in America: A Historical Survey New York:Harcourt Brace 1987

A really complete view of issues and personalities in American psychology.

Hearst, E. (ed) The first century of experimental psychology. Hillsdale N.J: LEA 1979.

The history of areas of experimental psych as seen by various scientists in the area.

Hock, R.R. Forty studies that changed psychology. Englewood Cliffs: Prentice Hall, 1993

For those who don't know much about experimentation some feeling as to how experimental psychology is actually done.

Jacob, F. The logic of life: a history of heredity New York:Patheon 1973

A really excellent thematic review of what people have meant by life throughout human history.

Keller, E.F. A feeling for the organism: the life and work of Barbara McClintock. New York: Freeman 1983

A very good psychobiography of one of the worlds leading biologists

Leary, D.E. (Ed) Metaphors in the History of Psychology Cambridge: Cambridge University Press, 1990

A interesting edited account of the role of metaphor in psychology.

Lindsay, G. A history of psychology in autobiography (many volumes)
Autobiographies of many well known psychologists.

Mead, M. Blackberry winter: my early years. New York: Morrow 1972

Autobiography of a well known social scientist

Posner, M.I. (1974). Cognition: An introduction. Glenview, IL: Scott-Foresman.
What Posner thought in the later 1960s. (actually written in 1968)

Posner, M.I. (1978). Chronometric explorations of mind. Hillsdale, N.J.: Lawrence Erlbaum Associates.

What Posner thought up to the mid 1970s.

Posner, M.I. & Marin, O.S.M (Eds.) (1985). Attention and Performance XI: Mechanisms of Attention. Hillsdale, N.J.: Lawrence Erlbaum.

A guide to the development of a community of cognitive neuroscience related to Attention in the mid 1980s (before any neuroimaging with PET).

Posner, M.I. and M.E. Raichle (1994) Images of Mind New York:Scientific American Books

What Posner thought happened with PET

Simon, H.A. Models of my life New York: Basic books 1991

A very nice treatment of the life of the leading Cognitive Scientists

Simonton, D. Psychology, science and history: An introduction to historiometry New Haven: Yale University Press , 1990

Introduction to quantitative methods in history.

Skinner B.F. Particulars of my life New York:Knopf 1976

Skinner, B.F. The shaping of a behaviorist. New York:Knopf 1979

Skinner's very interesting autobiography.

Great Books List

- Fechner, G.T. (1860) Elements of psychophysics
Sechenov, I. (1863) Reflexes of the brain
Wundt, W. (1874) Principles of physiological psychology
Galton, F. (1883) Inquiry into human faculty and its development
Ebbinghaus (1885) Memory
James (1890) Principles
Sherrington, C. (1906) Integrative activity of the nervous system
Watson, J.B. (1913) Behaviorism
Freud, S. (1920) A general introduction to psychoanalysis
Pavlov, I.P. (1927) Conditioned reflex
Thorndike, E.L. (1931) Human Learning
Bartlett, F.C. (1932) Remembering
Vygotsky, L.S. (1932) Thought and Language
Skinner, B.F. (1938) Behavior of organisms
Wertheimer, M. (1945) Productive thinking
Kohler, W. (1947) Gestalt Psychology
Hebb, D.O. (1949) Organization of Behavior
Gibson, J.J. (1950) The perception of the visual world
Piaget, J. (1950) The psychology of intelligence
Tolman, E.C. (1951) Behavior and psychological man
McClelland, D.C. (1951) The achieving society
Hull, C.L. (1952) A behavior system
Spence, K.W. (1956) Behavior theory and conditioning
Bruner, J., Goodnow, J. & Austin, G. (1956) A study of thinking
Heider, F. (1958) The psychology of interpersonal relations.
Simon, H.A. (1958) (with March) Organizations
Bartlett, F.C. (1958) Thinking
Broadbent, D. (1958) Perception and Communication
Miller, G.A., Galanter, E. & Pribram, K.H. (1960) Plans and the structure of behavior
Neisser, U. (1967) Cognitive Psychology
Knorski, J. (1967) Integrative activity of the brain
Luria, A. (1973) The working brain
Hubel, D.H. (1981) Eye, brain and vision
Rumelhart, D.E. & McClelland, J. (1986) Parallel distributed processing
Edelman, G. (1989) The remembered present
Newell, A. (1990) Unified theoreis of cognition
Kosslyn, S.M. (1994) Image and Brain