

Leave copy of WC paper at  
desk for A.A. Torres.

The Seventh Annual Meeting of

Wells College

# CHEIRON

Department of  
64 Currier  
St.

The International Society for the  
History of

Behavioral and Social Sciences

June 5, 6, 7 and 8, 1975



INGENIVM, ET LABOR

Carleton University  
Ottawa, Ontario, Canada

## ACKNOWLEDGEMENTS

This seventh annual meeting of Cheiron at Carleton University was made possible through the energies of many people. The program committee for 1975 consisted of Willem van Hoorn (Leiden), Norman Dain (Rutgers), Thom Verhave (Queens), and Francis Hardesty (City College of New York). Papers submitted for consideration were reviewed by A. Bryan Laver (Carleton), Robert G. Weyant (Calgary), Roscoe Hinkle (Ohio State), and Otto Marx (Boston), but all final decisions concerning programming were made by Marilyn Marshall (Carleton), program chairman. Local arrangements were handled by A. Bryan Laver with the gratefully acknowledged assistance of John D. Burns of the Tour and Conference Centre, Carleton University.

For their very considerable assistance and co-operation the Cheiron Society acknowledges and thanks the following:

The Canada Council\*

The Office of the Dean, Division of  
Social Science, Carleton University

The Office of the Dean of Graduate  
Studies and Research, Carleton  
University

The Department of Psychology, Carleton  
University

The Department of Sociology, Carleton  
University

\*It is noteworthy that in its seven years of existence, The Cheiron Society has twice received a significant measure of financial support from The Canada Council. The Society gratefully recognizes this extraordinary gesture of confidence in its aims and in its capacity for development, and wishes especially to acknowledge that the growth of international representation to Cheiron would not have been possible without The Canada Council's aid.

Wednesday, June 4

12:00 noon to 9:30 p.m.

REGISTRATION.

Place: Glengarry House Foyer

7:00 p.m. to 10:00 p.m.

INFORMAL RECEPTION. R.A. Wendt, Dean of  
Social Sciences, Carleton  
University

Place: The Arts Tower, 20th Floor Lounge

Thursday, June 5

9:00 a.m. to 12:00 noon

REGISTRATION.

Place: Outside Room C264, Loeb Building

9:00 a.m. to 9:10 a.m.

WELCOME. Marilyn Marshall, Carleton University

Place: C264 Loeb Building\*

\*Please note that all symposia, paper sessions, and invited addresses will be held in this hall unless otherwise indicated on the programme.

Thursday, June 5 (continued)

9:10 a.m. to 10:00 a.m.

PAPER SESSION. Past Models in the Present, New Models and the Past.

Chairman: G.P. Brooks, Department of Psychology,  
St. Francis Xavier University.

Presentations: "Cartesian Preconceptions in the Shift from Behavioral to Cognitive Psychology."  
Bill Jones, Department of Psychology,  
Carleton University.

"The Evolutionary Model in the Historiography of Science: The Epistemological Darwinism of Popper, Campbell, and Toulmin." Robert J. Richards, Fishbein Center for the Study of the History of Science and Medicine, University of Chicago.

"History of Konrad Lorenz's Ethological Theory, 1924-1943: The Role of Meta-Theory, Anomaly, and New Discoveries in a Scientific 'Evolution'."  
Theodora J. Kalikow, Department of Philosophy,  
Southeastern Massachusetts University.

10:10 a.m. to 12:00 noon

SYMPOSIUM. Changing Conceptions of Man and Human Nature at the Turn of the Century.

Organizer and Chairman: Joan Mark, History of Anthropology, The Peabody Museum.

Presentations: "Mankind Facing its Ancestors: Geological Understanding of Human Diversity: 1875-1914."  
Camille Limoges and Roger Bertrand, Institut d'Histoire et de Sociopolitique des Sciences,  
Université de Montréal.

"Metabolic Research and the Conception of Humans as Energy Conversion Systems: 1860-1900."  
Frederick Lawrence Holmes, Department of History of Medicine and Science, University of Western Ontario.

"Human Nature in British Anthropology." George W. Stocking, Jr., Department of Anthropology, University of Chicago.

"Man as Knowable: Scientific Method as Object of Faith." Brian Mackenzie, Department of Psychology, University of Tasmania.

Comments: David Krantz, Department of Psychology,  
Lake Forest College.



Thursday, June 5 (continued)

12:00 noon to 2:00 p.m.  
WORKSHOPS (see pp. 9 to 11) and LUNCH

2:00 p.m. to 3:50 p.m.

SYMPOSIUM.

Changing Ideas of Social Theory and Social Structure at the Turn of the Century.

Organizer and Chairman:

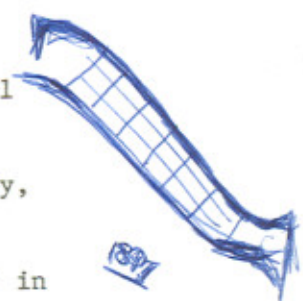
Gertrude Neuwirth, Department of Sociology, Carleton University.

Presentations:

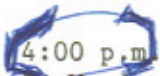
"William Graham Sumner as a Structuralist in Early American Sociology." Roscoe Hinkle, Department of Sociology, Ohio State University.

"Max Weber, Value Relevance, Scientific Law, and Ideal Types." John Rex, Department of Sociology, University of Warwick (Visiting Professor, Scarborough College).

"From Class Consciousness to the Collective Conscience." Harold Bershad, Department of Sociology, University of Pennsylvania.



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4:00 p.m. to 5:30 p.m.

SYMPOSIUM.

Wilhelm Wundt: The Man and His Work

Organizer and Chairman:

Wolfgang Bringmann, Department of Psychology, University of Windsor.

Presentations:

"Two Views of Wundt: Titchener and Judd." Richard Anderson, Department of Psychology, University of Florida.

"Helmholtz on Wundt." David Cottrel & Norma Jones Bringmann, Department of Psychology, University of Windsor.

"Wundt's Studies on Gesture Communication." Arthur Blumenthal, Department of Psychology, Harvard University.

"The Foundation of Wundt's Leipzig Laboratory." Wolfgang Bringmann, Department of Psychology, University of Windsor.



*Reappraisal. Modern reconstruction of W.*

*1879-80- academic year - laboratory began. 4's labs began in barracks, basements - LF - attics*

*19c laboratories personal affairs. 1850's laboratories began appearing in Germany*

5:30 p.m. to 8:30 p.m.  
DINNER (where you will)

Thursday, June 5 (continued)

8:30 p.m. to 9:30 p.m.

INVITED ADDRESS. "On the Dialectics of Developmental and Historical Changes". Klaus Reigel, Department of Psychology, University of Michigan.

Chairman: Francis Hardesty, Department of Psychology, The City College of New York.

Friday, June 6

9:00 a.m. to 10:00 a.m.

PAPER SESSION. Essays on the History of Anthropology in the Past Century.

Chairman: James Herrick, Department of Psychology, Hartwick College.

Presentations: "Wilhelm Dilthey: Between History and Cultural Anthropology". Ilse N. Bulhof, Department of History, University of Texas at Austin.

"The Social Context of Social Science: Official Anthropology in the British Empire". Henrika Kuklik, Department of History and Sociology of Science, University of Pennsylvania.

"The Search for the Shadow Men: A Chapter in the History of Paleoanthropology, 1911-1946". Michael Hammond, History of Science, University of Toronto.

10:10 a.m. to 12:00 noon

SYMPOSIUM. New Debates in Late Nineteenth Century Economic History.

Organizer and Moderator: E.G. West, Department of Economics, Carleton University.

Presentations: "An Economist Looks at the Recent Debate on American Slavery". John McManus, Department of Economics, Carleton University.

"Social Scientists, Schooling and Immigration". Joseph Peden, Department of History, The City University of New York and Leonard Liggio, City College of New York.

"House of Commons Committees and Social Inquiry in Nineteenth Century Britain". Max Hartwell, Economic History, Nuffield College, Oxford.

*Food and  
Entertainment*

Friday, June 6 (continued)

12:00 noon to 2:00 p.m.  
WORKSHOPS (see pp. 9 to 11) and LUNCH

2:00 p.m. to 3:50 p.m.  
SYMPOSIUM. The American Psychological Laboratory as a  
Scientific Institution: 1885-1930.  
Chairman, Michael Sokal, Department of History,  
Organizer, and Worcester Polytechnic Institute.  
Commentator:  
Presentations: "The College Laboratory". Laurel Furumoto,  
Department of Psychology, Wellesley College.  
"The University Laboratory". Al Raphelson,  
Department of Psychology, University of  
Michigan.  
"The Clinical Laboratory: The Goal of  
Application". John Popplestone & Marion  
White McPherson, Department of Psychology  
and Archives of the History of American  
Psychology, University of Akron.  
"Reminiscences". C. Roger Myers, Department  
of Psychology, University of Toronto.

4:00 p.m. to 5:00 p.m.  
BUSINESS MEETING

6:00 p.m. to 8:00 p.m.  
RECEPTION IN COMMONS LOUNGE  
AND  
BANQUET IN THE GREEN ROOM, THE COMMONS

8:30 p.m. to 9:45 p.m.  
INVITED ADDRESS. "The Dual History of the Notion of Division  
of Labour". Camille Limoges, Directeur,  
Institut d'Histoire et Sociopolitique des  
Sciences, Université de Montréal.  
Chairman: Gilles Paquet, Dean of Graduate Studies  
and Research, Carleton University.  
Discussant: Friedrich-Otto Wolf, Psychologisches Institut  
der Freie Universität Berlin.  
Place: The Green Room, The Commons.

Saturday, June 7

9:00 a.m. to 10:00 a.m.

PAPER SESSION: Essays on the History of Psychology:  
Allusion, Illusion, Delusion.

Chairman: Rand Evans, Department of Psychology,  
University of New Hampshire.

Presentations:

"The Concept of Suggestion in the Early History of Advertising". David P. Kuna, Department of Psychology, University of New Hampshire.

"The Historical Background Surrounding Psychology's Inquiry into Optical Illusions". Alix Young, Department of Psychology, McMaster University.

"The Five Faces of Mollie Fancher: A Study of Hysteria and Multiple Personality". Anthony A. Walsh, Department of Psychology, Dickinson College.

10:10 a.m. to 12:00 noon

SYMPOSIUM. Changing Conceptions of Psychopathology and Social Deviance at the Turn of the Century.

Organizer and Chairman: Norman Dain, Department of History, Rutgers University.

Presentations: "The Development of a Traditional Historiography". John Burnham, Department of History, Ohio State University.

*John Burnham*  
*Barbara Zuckerman*

"A Preliminary Effort Towards an Historical Integration of Developing Psychiatry, Neurology, Public Health, and Social Work at the Turn of the Nineteenth Century in America". Jacques Quen, Department of Psychiatry, Cornell University Medical College (NYC).

"How Concepts Change Meaning with Societal Development: 'Psychic Disturbance' and 'Psychic Work' in Kraepelin and Freud". Siegfried Jaeger, Psychologisches Institut, and Irmingard Staeuble, Institut für Philosophie, der Freien Universität Berlin.

Discussants: *Jaeger*  
Stefan Kern, Department of History, Northern Illinois University, and Joseph Zubin, Columbia College of Physicians and Surgeons.

12:00 noon to 2:00 p.m.

WORKSHOPS (see pp. 9 to 11) and LUNCH

*importance of self-justification - no ordinary*  
*① tradition as justification*  
*② school-teacher's pupil must*  
*lines of succession*  
*arbitr*

*European cultural history - Freud*  
*positive cultural context*  
*in the disciplinary*

*unethical work ethic - Freud Kraepelin*

*economic function rather than a person*



Saturday, June 7 (continued)

2:00 p.m. to 3:30 p.m.  
 SYMPOSIUM. Politics and Social Science: World War I to World War II.  
Chairman and Discussant: Klaus Reigel, Department of Psychology, University of Michigan.  
Presentations: "Intelligence Testing and the Politics of Immigration Restriction". Franz Samelson, Department of Psychology, Kansas State University.  
 "Unemployment, Politics, and the History of Organized Psychology". Lorenz Finison, Department of Psychology, Wellesley College.  
 "Race and Sociology: The Contrasting Visions of Gunnar Myrdal and Robert Park". Fred Wacker, Department of Psychology, Wayne State University.

3:45-4:15  
 4:15-4:45  
 4:45-5:15  
 3:45 p.m. to 5:15 p.m.  
 SYMPOSIUM. Changing Constructions of Historical Consciousness.  
Moderator: Julian Jaynes, Department of Psychology, Princeton University.  
Presentations: "Consciousness and Covenant in Seventeenth Century Puritanism". J. Rod Fulcher, Department of History, St. Andrews College.  
 "The Moral Sense, Confidence and Self-Image in the Eighteenth Century". Robert G. Weyant, Department of Psychology, University of Calgary.  
 "Volition and Consciousness at the Turn of the Nineteenth Century". Barbara Ross, Department of Psychology, University of Massachusetts.

*puritans -> congregational church*

*Volition  
 Morality  
 Weyant - consciousness*

*Rogers  
 Naturalism  
 Explanation*

*1800*

5:15 p.m. to 8:30 p.m.  
 DINNER (where you will)

8:30 p.m. to 9:30 p.m.  
 INVITED ADDRESS. "Social Science and Medicine in the Twentieth Century". George Rosen, History of Science and Medicine Department, Yale University.

Chairman: Eric T. Carlson, Department of Psychiatry, Cornell Medical Center.

*Sinclair Lewis -  
 Arrow St. -  
 1924-1944  
 Middlebrook*

Sunday, June 8

9:00 a.m. to 10:30 a.m.

MINI-SYMPOSIUM. Problems in the Use of Sources: Walter Charleton and the Seventeenth Century.

Chairman: James Blight, Department of Psychology, Grand Valley State College of Arts and Sciences.

Presentations: "Introductory Remarks". A. Bryan Laver, Department of Psychology, Carleton University.

"Problems in the Use of Early Lives: The Case of Dr. Walter Charleton". Jill Morawski, Department of Psychology, Carleton University.

"Interpreting the Evidence: Walter Charleton and the College of Physicians". E. June Rogers, Department of Psychology, Carleton University.

"Problems in Attribution: Whose Ideas are in Charleton's Natural History of the Passions?" Robert Duncan, Department of Psychology, Carleton University.

Discussion: Solomon Diamond, Professor Emeritus, Department of Psychology, University of California.

10:40 a.m. to 12:30 p.m.

WORKSHOP  
ROUNDTABLE. Contrasting Approaches to the History of Psychology.

Chairman: Barbara Ross, University of Massachusetts.

Participants: "The Historical Psychology Approach". Jan Hendrik van den Berg, Universiteit te Leiden.

"The Problem- or Issue-Centered Approach". Ludwig Pongratz, Universität Würzburg.

"Archival Techniques". Josef Brozek, Lehigh University.

"Contextual and Structural Approaches". Willem van Hoorn and Kees Bertels, Universiteit te Leiden.

"Marxist-Socialist Interpretations". Friedrich-Otto Wolf, Freie Universität Berlin.

Sunday, June 8 (continued)

12:30 p.m. BUFFET LUNCH in Second Floor  
Lounge, the Loeb Building

--- Conference Ends ---

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DESCRIPTIONS OF WORKING-LUNCH  
WORKSHOPS  
ON VARIOUS APPROACHES TO THE HISTORY OF  
PSYCHOLOGY

WORKSHOP. The Problem- or Issue-Centred Approach.

Place and Time: D422 Loeb Building; 12:00 noon to 2:00 p.m.,  
June 5, 6, and 7.

Leader: Ludwig Pongratz, Universität Würzburg.

Description: The goal of this workshop is to learn the meaning of the problem-centred approach and how to use it. First, a survey will be conducted of the general problems within psychology at the turn of the nineteenth into the twentieth century. This will be followed by a detailed treatment of three controversies which arose among great psychologists in the years around 1900. These are:

- (1) The controversy between Wilhelm Dilthey (1833-1911) and Hermann Ebbinghaus (1850-1909) in 1894-95: Psychology - Natural or Cultural Science?
- (2) The controversy between James R. Angell (1869-1949) and Edward B. Titchener (1867-1927) in 1896-98: Structural or Functional Psychology?
- (3) The controversy between Sigmund Freud (1856-1938) and Alfred Adler (1870-1937) in 1905-11: The Unconscious - Fact or Fiction?

WORKSHOP. Archival Research Techniques.

Place and Time: D394 Loeb Building; 12:00 noon to 2:00 p.m.,  
June 5, 6, and 7.

Leaders: Josef Brozek, Lehigh University; in co-operation  
with Thomas C. Cadwallader, Indiana State  
University; John A. Popplestone and Marion White  
McPherson, American Archives of the History  
of Psychology; Rand Evans, University of New  
Hampshire.

Description: The workshop will address itself to the formulation  
of problems appropriate to archival research,  
location of the sources of information, and  
procedures of acquisition, processing, and  
communication of the data: Where do research  
ideas come from (Brozek)? Locating archival  
materials (Popplestone). Contacting the archives  
(Cadwallader), Archival search (McPherson).  
Mechanics of photoduplication (Evans). Archival  
research (Cadwallader). Information storage and  
retrieval (Evans). On not hiding the light under  
the bushel (Brozek).

WORKSHOP. The Historical Psychology Approach, or Metabletics.

Place and Time: D494 Loeb Building; 12:00 noon to 2:00 p.m.,  
June 5, 6, and 7.

Leader: Jan Hendrik van den Berg, Universiteit te Leiden.

Description: The goal of this workshop is to learn the meaning  
and the application of the historical psychology  
approach to the history of psychology. To  
accomplish this, several examples of metabletic  
investigation will serve as a basis for discussion.

- (1) The changing nature of childhood, with  
special reference to Rousseau.
- (2) The cultural revolution about 1900, and  
the history of the near future.
- (3) The discovery and the cultural history  
of the reflex.

WORKSHOP. Contextual and Structural Approaches.

Place and Time: D487 Loeb Building; 12:00 noon to 2:00 p.m.,  
June 5, 6, and 7.

Leaders: Willem van Hoorn and Kees Bertels, Universiteit  
te Leiden.

Description: This workshop will concentrate on contextual and  
structural approaches in the social sciences, with  
special reference to the history of psychology and  
sociology. These approaches emphasize the inter-  
dependence of three classes of historical variables:  
the natural milieu, socio-economic structures, and  
events. Contextualist topics will include an  
approach to Aristotle's biological works; Alexandre  
Koyré and the contextual approach to the history  
of natural sciences; presentism vs. contextualism  
in the interpretation of Leonardo's notion of the  
erect retinal image; Galileo's Saggiatore passage  
about the mathematical language of nature; Freud's  
monograph on Leonardo; a study in the abuse of  
words and symbols; the context of Galton's and  
Pearson's scientific propositions about hereditary  
intelligence: a study in the fascist roots of  
racist psychology; the fallacies of a great  
psychologist: Thorndike and anti-immigration  
legislation.

WORKSHOP. Marxist-Socialist Approaches.

Place and Time: D497 Loeb Building; 12:00 noon to 2:00 p.m.,  
June 5, 6, and 7.

Leaders: Friedrich-O. Wolf, Sabine Gensior, and Irmgard  
Staeuble, Freie Universität Berlin.

Description: The first session will consider the scope of the  
Marxist approach to the history of psychology and  
the social sciences. In the second meeting  
problems of method involved in analyzing the  
genesis of societal requirements for scientific  
problem solutions will be discussed with special  
reference to the problems of the social demand for  
education in the future labour force. The workshop  
will finally focus on problems of method involved  
in analyzing the development of new fields and  
approaches of research in the social sciences as  
a reaction to the development of social needs for  
scientific problem solutions. These will be  
discussed with special reference to the place of  
psychology in the emerging division of labour  
in the social sciences which refer to processes  
of education and qualification.

NOTES

The cover picture of Cheiron (Chiron) aiming at the sun with his bow, is after an emblem found in the collection of Arthur Henkel and Albrecht Schöne (Editors), Emblemata. Handbuch zur Sinnbildkunst des XVI und XVII Jahrhunderts. J.B. Metzlersche Verlagsbuchhandlung: Stuttgart, 1967. The legend under the emblem reads as follows:

Chiron Naturae cur fingitur esse biformis,  
Anterioris Homo, posterioris Equus?

Contentoque arcu volucrem torquere sagittam:  
Ardua stelligeri qua petit astra Poli?

An quia forma hominis ratio sit propria? Bruti  
Quadrupedis, proprium sit labor officium?

Ut quisquis studio aut opera contendit ad alta:  
Huic sit coniunctus cum ratione labor.

CHEIRON: THE INTERNATIONAL SOCIETY FOR THE HISTORY  
OF BEHAVIORAL AND SOCIAL SCIENCES

The purpose of CHEIRON is to promote international and multidisciplinary cooperation in scholarly activity and research which touches on the history of the behavioral and social sciences. The organization's aims are to strengthen and increase professionalization of scholarly research in the history of the behavioral and social sciences, to broaden scientific perspectives by close cooperation between scholars of all countries, and to provide a broad perspective on contemporary science through the study of the history of differing disciplines and their interactions. The Society is engaged in efforts to promote publications designed to further these goals. The first sponsored work is HISTORICAL CONCEPTIONS OF PSYCHOLOGY, edited by members Mary Henle, Julian Jaynes, and John Sullivan.

CHEIRON was formed in October, 1968. Annual meetings have been held at Princeton University (1969), the University of Akron (1970), in New York City, with the New School for Social Research, Herbert Lehman University and New York University as joint hosts (1971), the University of Calgary in Alberta, Canada (1972), the State University, Plattsburg, New York (1973), and the University of New Hampshire in Durham (1974).

Inquiries concerning membership should be addressed to the Secretary-Treasurer, Dr. Elizabeth Goodman, 115 West Royal Drive, DeKalb, Illinois, 60115. Comments about the 1975 meeting are very welcome, and should be addressed to Marilyn Marshall, Psychology Department, Carleton University, Ottawa, Canada, K1S 5B6.