

HISTORY OF SCIENCE SOCIETY NEWS

The History of Science Society's annual meeting will be held at the University of Wisconsin-Madison on the weekend of October 27-29, 1978. A tentative copy of the program and reservation forms are enclosed with this Newsletter pages 9, 10-14, & 15.

Phase one of the Endowment Fund drive ended in 1977 and the Council received the gratifying news concerning its present value of \$26,000. At the annual meeting the Council considered various proposals for preserving, managing, and using the proceeds of the Fund. It voted to retain half of the principle in high-interest accounts and allow up to half of the principle to be employed in the purchase of securities. The Fund is not large enough to turn the management over to an investment firm and it will remain under the control of the Treasurer and the Finance Committee.

Richard Olson, Secretary-Treasurer of the West Coast History of Science Society, reports that Daniel Kevles of California Institute of Technology has been elected WCHSS President and that Roger Hahn, University of California at Berkeley, has been elected to the governing board for two year terms, respectively.

The 1979 meeting of the History of Science Society will be held in conjunction with the annual meeting of the American Historical Association in New York City during the last week of December. Arthur Donovan, Department of History, West Virginia University, Morgantown, West Virginia 26506, will serve as chairman of the Program Committee. Individuals interested in organizing sessions or presenting papers should make their wishes known as soon as possible.

CONFERENCES AND MEETINGS

The Fourth Berkshire Conference on the History of Women celebrates the 50th Anniversary of the Berkshire Conference at Mount Holyoke College, August 23-25, 1978. Included in the Conference is a session on "Pioneers in Science, 1880-1910" chaired by Margaret W. Rossiter and with papers on "Alice Fletcher: Anthropologist and Organizer" (Joan Mark, Harvard University) and "Ida Hyde and the Naples Table Association for promoting Scientific Research by Women" (Jan Butin

Sloan, Kansas University). For registration contact Dr. Lorna Peterson, Berkshire Conference, History Department, Mount Holyoke College, South Hadley, Massachusetts 01075.

On October 9 and 10, at Phillips University, will be held a interdisciplinary Aristotle Commemorative Conference. The following speakers are on the program: Gilbert Cuthbertson (Political Science, Rice University); Catherine Ewing (Political Science, Phillips University); Beth Murphy (Science, Phillips University); Elder Olson (Literature, University of Chicago-Emeritus and University of Houston); Robert L. Simpson (Religion, Phillips University); Alphonso Verdu (Philosophy, University of Kansas); Bruce Wrightsman (History of Science, Luther College). Further information may be obtained from the conference director J. T. Moore, Department of Philosophy, Phillips University, Enid, Oklahoma 73701.

The Regional Economic History Research Center, Eleutherian Mills-Hagley Foundation will sponsor a conference, "Economy and Society: Philadelphia and Its Hinterland," on October 13, 1978 at 2:15 p.m. Stuart Blumin (Cornell University) is chair. Speakers include; David E. Dauer (University of Pennsylvania), "The Hinterland Economy in Pre-Revolutionary Pennsylvania," Diane Lindstrom (University of Wisconsin at Madison), "The Industrialization of the Lower Delaware Valley in the Antebellum Period", and Claudia Dale Goldin (Princeton University) "Family Strategies in Late Nineteenth-Century Philadelphia". For further information contact: William H. Mulligan, Jr., Regional Economic History Research Center, Eleutherian Mills-Hagley Foundation, Box 3630, Greenville, Wilmington, Delaware 19807.

The 250th anniversary of the birth of Joseph Black will be commemorated by a Day Symposium in Edinburgh on Saturday, November 4, 1978. The papers at the symposium will deal with the work of Joseph Black and some of the wider aspects of Science in 18th Century Edinburgh. There will also be an opportunity to see some apparatus and manuscripts. Contact: A. Q. Morton, Dept. of Technology, The Royal Scottish Museum, Chambers St., Edinburgh EH1, 1JF.

NOTICE

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HISTORY OF SCIENCE SOCIETY MEMBERS SHOULD NOTE THAT THE BALLOT TO 1979 OFFICERS IS ENCLOSED AND MUST BE RETURNED BY SEPTEMBER 1, 1978. SEE STATEMENTS OF CANDIDATES ON PAGE'S 3-5.

The Committee on Medieval and Renaissance Studies and the Department of Music, Duke University, will present on November 10-12, 1978, an interdisciplinary conference on "The revival of ancient learning in the Italian Renaissance". The program will include nine lectures, plus a rare book exhibit, concert, banquet, and reception. The lectures will examine the fertilizing influence of Classical Antiquity on various aspects of Italian Renaissance Culture. Art history: Charles Dempsey (Bryn Mawr College), "Gentili Bellini and the Hieroglyphic Lore of the Renaissance". Comparative literature: Thomas M. Greene (Yale University), "Imitation and Discovery in the Renaissance". History: Donald J. Wilcox (University of New Hampshire), "The Influence of Classical Historians on Machiavelli's Historical Narratives". History of science: William A. Wallace (Catholic University of America), "The Recovery of Aristotelian Science in the Italian Renaissance, and Its Effect on the Young Galileo". Italian literature: Lucia Ciapponi Stadter (Chapel Hill), "Doctissimus omnium" Politian and his Miscellaneorum Centuria Prima". Legal History: Donald R. Kelley (University of Rochester), "Civil Science in the Italian Renaissance: Jurisprudence Italian Style". Music history: Warren Kirkendale (Duke University), "Ciceronians vs. Aristotelians on the Ricercar qua Exordium: Musical Aspects of Venetian Humanism". Philology: Paul Oskar Kristeller (Columbia University), "Humanism and Philosophy in the Renaissance". Religion: John W. O'Malley, S. J. (University of Detroit), "Classical Rhetoric and Christian Mystery at the Papal Court, 1450-1520: Orationes coram papa inter missarum solemnia". There is no registration fee, but reservations for hotel rooms and the banquet must be made well in advance with; Humanism Conference, Department of Music, Duke University, Durham, N. C. 27708.

A Davy Bicentenary Symposium will be held at the Royal Institution of Great Britain December 7-9, 1978. The main content of the symposium will consist of invited papers. There will be a full participation fee to include lunches and receptions, with an appropriate fee for part participation. Registration forms and further details will be sent on application to:

Mrs. Phyllida Lindsay, Executive Secretary
Davy Bicentenary Symposium, The Royal
Institution of Great Britain, 21, Albemarle
Street, London W1X 4BS.

The Twenty-second Annual Missouri Valley History Conference will be held in Omaha, Nebraska, March 8-10, 1979. Papers and sessions relate the traditional topic and area studies as well as quantification, psychohistory, teaching methodology, research tools and techniques and interdisciplinary studies. Paper/session proposals, graduate paper/session proposals, moderator/chair nominations and those for commentator should be submitted no later than November 1, 1978 to Jacqueline D. St John, Program Chairperson, Missouri Valley History Conference, Department of History, University of Nebraska at Omaha, Box 688, Omaha, Nebraska 68101.

The sixth annual meeting of the Joint Atlantic Seminar in the History of the Physical Sciences will be held April 6-7, 1979, at the University of Pennsylvania. Papers in the history of modern physical science and technology are solicited, as well as suggestions for session topics. Please send proposals to either Professor Robert E. Kohler or Jeffrey L. Sturchio, Department of History and Sociology of Science, E. F. Smith Hall-D6, University of Pennsylvania, 215 South 34th Street, Philadelphia, Pennsylvania 19104. A preliminary schedule of the meeting will be included in the January issue of the HSS Newsletter.

The New Jersey Historical Commission is seeking papers for a conference in October 1979 in Newark, New Jersey, on Thomas A. Edison and the recent history of science and technology. General topics under consideration include the nature of discovery or invention and inventors' responsibility to society. More specific topics include Edison's impact on the growth of American business and the development of the "systems approach" to technology as well as Edison as folk hero. Those interested should submit proposals to Richard Waldron, Associate Director of the Historical Commission, 113 W. State Street, Trenton, New Jersey 08625. The deadline is January 1, 1979.

An International Conference on the History of Museums and Collections in Natural History will be held at British Museum (Natural History), London, on April 4-6, 1979. It is hoped that papers will be submitted on the following range of topics-- The history of individual public and private museums; studies of museums within a particular area, time span or scientific discipline; the lives and activities of collectors of fossils, minerals, plants and animals; studies of natural history libraries and bookcollectors; the history of zoos and botanic gardens; the sale and dispersal of notable libraries and collections; the documentation of museum and private collections; the relationship of bibliography to collecting and the growth of museums and studies on the collections resulting from expeditions and exploration. Please address all correspondence to Mrs. J. A. Diment (Organizing Secretary), Palaeontology Library, British Museum (Natural History), Cromwell Road, London, SW7 5BD.

The Second International Symposium for the History of Arabic Science will be held at Aleppo, University of Aleppo, Syria, on April 5-12, 1979. Participating authors should submit to the IHAS by September 30, 1978, "camera-ready" resumes of their papers. Notification concerning this acceptance will then be sent. Authors of resumes sent early will be notified within a month. It is requested that final versions of the papers for the Symposium Proceedings be sent via registered mail not later than February, 1979. Papers, including bibliography and footnotes must be typewritten double-spaced. Illustrations and figures, if any, should be enclosed in cardboard for protection. The Organizing Committee will be pleased to make arrangements in first-class hotels, and will provide participants with details concerning reservations and rates. All communications concerning the Symposium should be addressed to: Miss Amal Rifai, Office of the Rector, Aleppo University, Aleppo, Syria.

STATEMENTS OF CANDIDATES

At the annual meeting in 1977, several members suggested that it could be useful to have more information on candidates for HSS office. Frederick Churchill solicited and compiled the statements below. (Ballot on page 5.)

Candidates for Vice President

F. Larry Holmes, Department of History of Medicine and Science. University of Western Ontario, London, Ontario, Canada. Harvard PhD 1962. 18-19c Science and Chemistry.

The HSS has been called upon to undertake many new tasks. Our most compelling problem is to adapt an organization which meets annually, to demands which require actions at much shorter intervals. Among the new demands it is especially urgent that we support those young historians of science who have not obtained academic positions, so that they may remain productive scholars and continue to belong within our intellectual community. We must not forget that our primary purpose is to provide the means by which historians of science can most effectively communicate with one another, formally and informally, verbally and on paper.

Barbara Rosenkrantz, History of Science Department, Science Center, Harvard University, Cambridge, Mass. Harvard PhD 1970. 19c public health.

The History of Science Society faces new organizational and intellectual challenges. While employment in universities and colleges is constricted, many academic institutions are looking to the history of science as an integrating discipline in a period of curriculum revision. New opportunities for teaching and research may arise in which a single historian of science will represent our broad and multi-faceted field among colleagues of markedly different backgrounds. At this time our membership reflects a diverse range of intellectual commitments which properly defies any simple assimilation to a single cognitive perspective. For these reasons it is imperative to support both established organizational opportunities for coherence and communication within the history of science and to fashion new enterprise through which collegial ties can be established for the first time. In particular, this is a time for encouraging interdisciplinary exploration and comparative historical studies; a time when the special experience and talents of historians of science should be unusually valued.

Candidates for Council

Stephen Brush, Department of History and Institute for Physical Science and Technology,

University of Maryland, College Park, Md. DPhil 1958. 19-20c physical science since Newton.

The Society should continue to give highest priority to the research-related activities (ISIS and meetings) which have helped to establish history of science as a strong, respected discipline. But, in the light of this success, we would give more attention to fostering general interest in our subject and expanding its role in education. More historians of science should teach under-graduate courses, write for popular and scientific publications.

Paul Farber, Department of General Science, Oregon State University, Corvallis, Oregon. Indiana PhD 1970. 18-19c Biology.

I think the function of the HSS is to be a forum for discussion and communication of history of science in the U. S. The annual meeting and the journal of the society at present do an imperfect job of serving those ends, and I think the main goal of the society should be to strengthen the quality of its meeting and journal. In addition, I think the society could be more useful to individual scholars by taking a more active role in promoting or coordinating certain activities such as the establishment of a list of archival materials available in the U. S., starting a center to promote the foundation of local scientific archives, and starting a bureau for the national and international exchange of historians of science.

Judy Goodstein, Archives, California Institute of Technology, Pasadena, California. Washington PhD 1969. 19-20c Chemistry and Biology.

I would like to run on my qualifications; no more: PhD 1969 University of Washington. Institute Archivist, 1968-present. Past President West Coast History of Science Society. Editor, Microfilm edition, R. A. Millikan Papers. Current research interest, Italian Science under fascism.

Donna Haraway, Department of History of Science, Johns Hopkins University, Baltimore, Maryland. Indiana PhD 1971. 17c Physics.

The HSS should, 1. pursue efforts to develop opportunities, 2. enforce affirmative action laws and goals in all areas of the profession, 3. facilitate general membership participation in the society, 4. encourage undergraduate and popular education in history of science, and 5. develop society discussion, at the annual meeting and through other forums, on the responsibility of the profession in areas such as scientific racism and sexism, energy policy, investment of the society's funds.

Daniel J. Kevles, California Institute of Technology, Pasadena, California. Princeton PhD 1964. Social History of Physics, Genetics.

The Society should foster the best possible scholarship in the field, professional opportunities for its members, and fiscal responsibility for itself.

Kenneth Manning, Massachusetts Institute of Technology, Cambridge, Massachusetts. Mathematics; Philosophy.

I hope, in addition to continuing the present work of the Society, to strengthen relations with professionals in allied fields, particularly science and engineering, and to promote the history of science in liberal arts education.

Margaret J. Osler, Department of History, University of Calgary, Calgary, Alberta, Canada. Indiana PhD 1968. 17c Science.

The pressures of the economy and the demographic curve have made North American universities vulnerable to political demands for utility and to the financial specter of cost-benefit accounting. Learned societies must defend disinterested learning and scholarship, essential to a free society. The HSS should consider the scholarly implications of the present academic crisis--as well as concrete problems such as jobs, undergraduate teaching, and graduate programs--and foster scholarship as a conscious social responsibility.

Edith Sylla, North Carolina State University. Harvard PhD 1971. Medieval Science; Physics.

The HSS should continue to serve as a forum on the state of the art and on new directions in research. It should also collect and transmit information both about specific job openings and about the current status of the history of science in graduate and undergraduate teaching and in other areas where historians of science may be employed. The society should promote interest in the history of science beyond the members of the society.

Kenneth L. Taylor, Department of History of Science, University of Oklahoma, Norman, Oklahoma. Harvard PhD 1968. 18c Science and Technology. Science in 18c-early 19c France.

I think the Society should seek more actively to encourage historians of science to convey their knowledge and ideas effectively to groups beyond the history of science community, including not only such professional groups as historians and scientists, but also the educated public.

Winifred L. Wisan, New School of Liberal Arts, Brooklyn College, Brooklyn, New York. Florida PhD 1972. 17c Scientific Revolution, Mathematics, 16-17c physical science and geometry.

It goes without saying that our most important objective is to nurture the pursuit of the history of science. In particular, this means facilitating contact among historians of science and encouraging scholarly work. To an important extent, however, realizing this objective depends on public interest in our discipline. Thus, promotion of history of science in undergraduate education and through better communication with the general public must also be regarded as important objectives.

Candidates for Nominating Committee

Council

Joan Bromberg, Smithsonian Institution, Washington, D. C. Wisconsin PhD 1967. 19-20c Physics, Electrical Technology.

Joe Burchfield, Department of History, Northern Illinois University, DeKalb, Illinois. John Hopkins PhD 1969. 19c Natural History, Science, Geology.

Audrey Davis, Division of Medical Sciences, Smithsonian Institution, Washington, D. C. Johns Hopkins PhD 1969. 17c-20c Biology and Chemistry, 20c.

Roger Hahn, Department of History, University of California, Berkeley, California. Stanford PhD. Chemistry.

Mary Joe Nye, Department of History of Science, University of Oklahoma, Norman, Oklahoma. Wisconsin PhD 1970. 17c Science, 19-early 20c Physical Sciences.

Alan Shapiro, School of Physics, University of Minnesota, Minneapolis, Minnesota. Yale PhD 1970. 16-19c Optics.

Non-Council

Bernard Finn, Department of Science and Technology, Smithsonian Institution, Washington, D. C. Wisconsin PhD 1963. 19c Sciences, 18c Electrostatics; early 19c theories of heat and sound.

Gerald Geison, Program in History and Philosophy of Science, Princeton University, Princeton, N. J. Yale PhD 1970. 19c Physiology Medicine.

Shirley Ann Roe, Department of History of Science, Science Center, Harvard University, Cambridge, Mass. Harvard PhD 1976. Biology, Chemistry.

Margaret Rossiter, History Department. University of California, Berkeley, California. Yale PhD 1971. 19-20c Science.

HISTORY OF SCIENCE SOCIETY 1978 BALLOT

1. Candidates for Vice President

(Vote for 1 of the 2 below)

_____ F. Larry Holmes

_____ Barbara Rosenkrantz

2. Candidates for Council, term expiring December 31, 1981.

(Vote for 5 of the 10 below)

_____ Stephen Brush

_____ Paul Farber

_____ Judy Goodstein

_____ Donna Haraway

_____ Daniel J. Kevles

_____ Kenneth Manning

_____ Margaret J. Osler

_____ Edith Sylla

_____ Kenneth L. Taylor

_____ Winifred L. Wisan

3. Candidates for Nominating Committee

(Vote for 3 of the 6 below)

_____ Joan Bromberg

_____ Joe Burchfield

_____ Audrey Davis

_____ Roger Hahn

_____ Mary Joe Nye

_____ Alan Shapiro

4. Council Members

(Vote for 2 of the 4 below)

_____ Bernard Finn

_____ Gerald Geison

_____ Shirley Ann Roe

_____ Margaret Rossiter

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Professor Sally Gregory Kohlstedt
Department of History
Maxwell School
Syracuse University
Syracuse, N. Y. 13210

Professor Sally Gregory Kohlstedt
Department of History
Maxwell School
Syracuse University
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Erwin H. Ackerknecht, Geschichte der Medizin.
3. Überarbeitete von Kurze Geschichte der Medizin.
(Enke Reihe zur AO ['A'].) viii + 235 pp., bibl.,
index. Stuttgart: Ferdinand Enke Verlag, 1955,
1977. DM 16.80 (paper).

Antonina M. Alberti, Empirismo e
metafisica alle origini della scienza moderna.
203 pp., name index. Bologna: Tamari Editori,
n.d. [1977].

The Association of American University
Presses, 1977-1978. 123 pp., name index.
New York: Association of American University
Presses, 1978. \$5 (paper).

Otto A. Bird, Cultures in Conflict: An
Essay in the Philosophy of the Humanities. xii +
220 pp., bibl., index. Notre Dame/London: Univ. of
Notre Dame Press, 1976. \$13.95 (cloth), \$4.95
(paper).

Jacob Bronowski, The Origins of Knowledge
and Imagination. (Yale University, Mrs. Hepsa Ely
Silliman Memorial Lectures.) xiii + 146 pp.,
index. New Haven/London: Yale University Press,
1978. \$7.95

Günther Buttmann, Friedrich Ratzel: Leben
und Werk eines deutschen Geographen, 1844-1904.
(Grosse Naturforscher, Band 40.) 152 pp., 13 illus.,
bibl., index. Stuttgart: Wissenschaftliche
Verlagsgesellschaft, 1977. DM 29.

John Camp, The Healer's Art: The Doctor
through History. 180 pp., illus., bibl.
New York: Taplinger, 1978. \$9.95

P. Thomas Carroll (ed.), An Annotated
Calendar of the Letters of Charles Darwin in the
Library of the American Philosophical Society.
Foreword by Frederick Burkhardt. xli + 235 pp.,
name index. Wilmington, Del.: Scholarly
Resources, 1976.

P.A.M. Dirac, Directions in Physics.
Lectures delivered during a visit to Australia
and New Zealand, August/September 1975. Edited
by H. Hora and J. R. Shepanski. ix + 95 pp.,
index. New York: Wiley, 1978. \$12.95

John William Draper, Life of Franklin.
Edited by Ronald S. Wilkinson. xv + 88 pp., 3
illus. Washington, D. C.: Library of Congress,
1977. \$5. Order from the Superintendent of Documents,
Government Printing Office, Washington, D.C. 20402

Yehuda Elkana et al. (eds.), Toward a Metric
of Science: The Advent of Science Indicators.
xiv + 354 pp., name and subject indexes. New York:
Wiley, 1978. \$19.95

Jerry Gaston, The Reward System in British and
American Science. (Science, Culture, and Society:
A Wiley-Interscience Series.) xi + 204 pp., bibl.,
index. New York: Wiley, 1978. \$18.95

Gerald L. Geison, Michael Foster and the
Cambridge School of Physiology: The Scientific
Enterprise in Late Victorian Society. xxi + 401 pp.,
appendices, index. Princeton: Princeton Univ.
Press, 1978. \$27.50

Henti Michel (ed.), Images des sciences: Les
anciens instruments scientifiques vus par les
artistes de leur temps. (Art et Histoire.) 153 pp.,
illus., color pls., index. Rhode-St-Genese,
Belgium: Albert de Visscher, 1977. 1,100 FB;
154 FF.

Gerhard Müller, Ernst Krieck und die
nationalsozialistische Wissenschaftsreform.
Motive und Tendenzen einer Wissenschaftslehre
und Hochschulreform im Dritten Reich.

(Deutsches Institut für Internationale
Pädagogische Forschung, Studien und Dokumentation
zur deutschen Bildungsgeschichte, Band 5.)
xii + 615 pp., bibl., name index. Weinheim/
Basel: Beltz Verlag, 1978. DM 38 (paper).

Isaac Newton's Papers and Letters on
Natural Philosophy. Ed., with general introduc-
tion, by I. Bernard Cohen. Assisted by Robert E.
Schofield. Second edition. xviii + 540 pp.,
index. Cambridge, Mass./London: Harvard
University Press, 1978. \$26.50

Desiderio Papp, Ideas revolucionarias en
la ciencia. Su historia desde el Renacimiento
hasta promediar el siglo XX. Tomo II: La Edad de
las Grandes Síntesis; El Siglo XIX. 321 pp.,
illus., name index. Santiago, Chile: Editorial
Universitaria, 1977.

John Passmore, Science and Its Critics.
(Mason Welch Gross Lectureship Series.)
viii + 100 pp. New Brunswick, N.J.: Rutgers
Univ. Press, 1978. \$8.

Stanley Joel Reiser, Medicine and the
Reign of Technology. 317 pp., 15 illus., bibl.,
index. Cambridge/New York: Cambridge Univ.
Press, 1978. \$14.95

Friedrich Seck (ed.), Wilhelm Schickard
1592-1635: Astronom, Geograph, Orientalist,
Erfinder der Rechenmaschine. (Contubernium,
Beiträge zur Geschichte der Eberhard-Karls-
Universität Tübingen, Band 25.) 422 pp., illus.,
folding plates, bibl., index. Tübingen: J. C. B.
Mohr (Paul Siebeck), 1978. DM 68.

Thaddeus J. Trenn, The Self-splitting Atom:
The History of the Rutherford-Soddy Collabora-
tion. xii + 175 pp., illus., bibl., name and
subject indexes. London: Taylor and Francis,
1977. £6.

G. N. von Tunzelmann, Steam Power and
British Industrialization to 1860. xii + 344 pp.,
bibl., index. Oxford: Clarendon Press; New York:
Oxford University Press, 1978. £12.50; \$31.

Doone and Greer Williams, Every Child a
Wanted Child: Clarence James Gamble, M.D., and
His Work in the Birth Control Movement.
xvii + 445 pp., illus., Countway Library of
Medicine, 1978. \$14.95

Frances A. Yates, The Rosicrucian
Enlightenment. First published 1972.
xv + 269 pp., 30 illus., index. Boulder, Colo.:
Shambhala, 1978. \$5.95 (paper).

V. Iu. Ghanna, Khimia i khimicheskaya
promyshlennosti' Vengerskoi Narodnoi Respubliki
(Chemistry and Chemical Industry in the
Hungarian People's Republic). (USSR Academy
of Science, Institute of the History of Science
and Technology.) 223 pp., illus., index.
Moscow: Izdatelstvo "Nauka", 1977. 1 ruble,
59 kopeks.

S. K. Heninger, Jr., The Cosmographical Glass: Renaissance Diagrams of the Universe. xx + 209 pp., 117 illus., index. San Marino, Calif.: The Huntington Library, 1977. \$17.50

J. R. Jacob, Robert Boyle and the English Revolution: A Study in Social and Intellectual Change. 240 pp., 1 illus., bibl., index. New York: Burt Franklin, 1977. \$18.95

Robert E. Johnson, Sir John Richardson, Arctic Explorer, Natural Historian, Naval Surgeon. xii + 209 pp., 33 pls., bibl., index. London: Taylor and Francis; New York: Crane, Russak, 1976. \$32.50

George B. Kauffman (ed. and trans.), Classics in Coordination Chemistry. Part 3: Twentieth-Century Papers (1904-1935). (Classics in Science, Vol. 8.) xiv + 236 pp., illus., index. New York: Dover, 1978. \$6 (paper)

Lester S. King, The Philosophy of Medicine: The Early Eighteenth Century. viii + 291 pp., index. Cambridge, Mass./London: Harvard Univ. Press, 1978. \$17.50

E.C. Krupp (ed.), In Search of Ancient Astronomies. xvii + 300 pp., illus., bibl., index. Garden City, N.Y.: Doubleday, 1977. \$10.

Lawrence S. Kubie, Symbol and Neurosis: Selected Papers of Lawrence S. Kubie. Ed. by Herbert J. Schlesinger. Intro. by Eugene B. Brody. (Psychological Issues, Monograph 44.) viii + 277 pp., bibl., index. New York: International Universities Press, 1978. \$15

J.G. Landels, Engineering in the Ancient World. 224 pp., 65 figs., bibl., index. Berkeley: Univ. of California Press, 1978. \$12.50

Dominique Lecourt, Proletarian Science? The Case of Lysenko. Intro. by Louis Althusser. Trans. by Ben Brewster. 165 pp., index. London: NLB; New York: Schocken Books, 1977. \$11.50

Robert Lilienfeld, The Rise of Systems Theory: An Ideological Analysis. viii + 292 pp., name index. New York: Wiley, 1978. \$19.95

David L. MacAdam (ed.), Sources of Color Science. x + 282 pp., bibl., name index. Cambridge, Mass./London: MIT Press, 1978. \$4.95 (paper). First published in 1970.

S. Mahdihassan, Indian Alchemy, or Rasayana in the Light of Asceticism and Geriatrics. x + 139 pp., bibl., 7 illus. New Delhi: Institute of History of Medicine and Medical Research, 1977.

Paul J. McCartney, Henry De la Beche: Observations on an Observer. Ed., with foreword, by Douglas A. Bassett. xiii + 77 pp., illus. Cardiff: Friends of the National Museum of Wales, 1977. £3 (60p post and packing).

ANNOUNCEMENTS

Texas A&M University Press has established an Environmental History Series under the general editorship of Dr. Martin V. Melosi. The range of subject matter in the series will be as broad as possible. Any manuscript which

deals with man and his physical surroundings from a historical perspective will be considered. Topics may range from studies of the wilderness, conservation, and natural resources to examinations of the urban environment, energy use and development, public health and technological developments influencing environment. Interdisciplinary studies, comparative studies, and topics in non-U. S. fields are also strongly encouraged. Inquiries should be directed to Dr. Martin V. Melosi, c/o Texas A&M University Press, Drawer C, College Station, Texas 77843.

Dr. Sidney M. Edelstein, industrial chemist and President of the Dexter Chemical Corporation of New York, has transferred his collection of about 5000 rare books, and documents from his home in New Jersey to the Jewish National and University Library at the Hebrew University, Jerusalem, Israel, on permanent loan. The bulk of the collection is about the development of Chemistry and Alchemy. Another extension section is on Chemical Technology, including books on pharmacology and distillation. The collection contains the largest assemblage of literature and documents in the world, approximately 1000 items, about Dyeing and Dry Cleaning. The collection's prize possession is the complete set of the various editions of the Plictho (Gioanventura Rosetti, Plictho de larte de tentori, Vinezia, 1548), which is the first printed book on dyeing. A certain bias towards Americana - made books, mss. and documents illustrating the scientific, technological and economic development of the U. S. in general and New Jersey in particular, express Dr. Edelstein's local interest. All enquiries, requests and visits are welcome. They should be addressed to: Moshe Ron, Curator, The Sidney M. Edelstein Collection, The Jewish National and University Library, P. O. Box 503, Jerusalem, Israel.

The Journal of American Culture edited by Ray Browne and Russell B. Nye will feature an in-depth section on technology in a future issue. The purpose of the section is to provide a survey of the current state of technology and culture studies that will be useful to the generalist and the specialist in this field alike. Essays from a broad range of perspectives and academic disciplines and which address topics appropriate to following topics are invited: essays providing overviews on technology's past, present and/or future roles in the American experience, as well as more specific treatments of the relation between technology and values; social history: Essays focusing on technology and social institutions, patterns of living, and cultural styles; aesthetics, philosophy and religion: Essays concerning technology and the symbolic dimensions of culture; public policy: Essays on environmental issues, technology transfer, and technology and political ideology. Twelve to

fifteen essays will be selected for this special section which will appear early in 1979. Essays should be 10-15 pages, should include endnotes, and should be sent no later than November 15, 1978 to David E. Wright or Robert E. Snow, Lyman Briggs College, Michigan State University, East Lansing, Michigan 48824.

It has been decided by the Board of Governors of the Royal Institution of Great Britain to mark the Bicentenary of Humphry Davy's birth, December 17, 1778, with a facsimile edition of the famous book by John Ayrton Paris, The Life of Sir Humphry Davy. This book, first published in London in 1831 and of which very few original copies exist, contains the most authentic account of Sir Humphry's life. It describes his early years and apprenticeship; his meetings with famous men; his experiments; his years as Resident Professor at the Royal Institution etc., and concludes with an appendix containing his Will. The price of the book on publication will be \$50.00, but subscribers to the volume prior to publication will be able to purchase the book for \$36.00.

During 1978-79, Chautaugua-type short courses on the origins of modern science will be conducted at the University of Missouri (Kansas City) and the University of Texas (Austin) by Duane H. D. Roller of the University of Oklahoma. The courses, intended primarily but not exclusively for college science teachers, consist of a two-day session in the fall and another in the spring. For further information write to: Chautaugua-type Short Courses, Box HS, American Association for the Advancement of Science, 1776 Massachusetts Avenue, N. W. Washington, D. C. 20036.

The National Science Foundation Ethics and Values in Science and Technology (EVIST) Program has issued a revised set of guidelines in mid-June. Copies may be obtained by writing directly to the program. The AAAS National Science Foundation, Science Education Office has recently published a new Directory of Programs and Courses in Ethics and Values in Science and Technology. Copies are available free of charge from: Science Education Office, AAAS, 1776 Massachusetts Avenue, N.W., Washington, D. C. 20036.

ANNUAL MEETING OF THE HSS IN MADISON
October 27-29, 1978

The 1978 Annual Meeting of the HSS will be held at the Wisconsin Center on the campus of the University of Wisconsin at Madison. The meeting will offer riches for the intellect in

the form of four parallel sessions (program on page 10); a variety of accommodations to fit every pocketbook (combined registration and reservation form on page 15); crisp, usually sunny fall weather for campus excursions (daily highs in the 50's, lows in the 30's); a banquet featuring local delicacies such as Rock Cornish game hen with wild rice dressing, and fudge bottom pie; and ample opportunity for conversation over coffee by day (cost included in the registration fee) and cocktails in the evenings (cash bars, drinks \$1.00 and under), in the Alumni Lounge overlooking Lake Mendota. Further information concerning campus tours, city sights, Madison's restaurants ethnic and otherwise, etc., will be available at the registration desk upon arrival. In the meantime, queries may be directed to the following: for program information, Professor Sandra Herbert, Department of History, University of Maryland Baltimore County, 5401 Wilkens Avenue, Baltimore, Maryland 21228; for general information concerning local arrangements, Professor David Lindberg or Professor Daniel Siegel, Department of the History of Science, University of Wisconsin, Madison, Wisconsin 53706, (608) 262-1406; for specific information concerning registration and lodging, Ms. Patricia Gaitan, The Wisconsin Center, 702 Langdon Street, Madison, WI 53706, (608) 262-1122. Parking space is available at all of the listed hotels; those lodging elsewhere may obtain on-campus parking space through the Wisconsin Center upon advance application and payment of a nominal fee.

VISITING APPOINTMENTS

Richard Burian, Associate Professor of Philosophy, Drexel University, has been appointed Visiting Associate Professor, department of History and Philosophy of Science, University of Pittsburgh, for the fall trimester 78-79.

Robert Kargon served as Visiting Professor for the fall semester at the Institut d'histoire et de sociopolitique des sciences, Université de Montréal.

Lewis Pyenson of the Institut d'histoire et de sociopolitique des sciences, Université de Montréal, served as visiting professor in the Department of the History of Science, Johns Hopkins University, during the spring semester, 1978.

1978 HSS ANNUAL MEETING PROGRAM

All events, unless otherwise noted, will be held in the Wisconsin Center, 702 Langdon Street, Madison, Wisconsin 53706. Please contact Sandra Herbert, University of Maryland, 5401 Wilkins Avenue, Baltimore, Maryland 21228, by September 1, 1978, if there are any changes in the final program. Also see program description, page 9; reservation form, page 15.

THURSDAY, OCTOBER 26

3:00p.m. Council
7:00p.m.-9:00p.m. Registration
8:00p.m.-10:00p.m. Cash Bar in the Alumni Lounge

Stanley Goldberg (Hampshire College):
Theories of Matter and Theories of
Measurement: Wilhelm Wien on Electronics,
1900-1911

Session C:

Science and the Industrialization of Chemistry

Chair: R. P. Multhauf (Smithsonian)

FRIDAY, OCTOBER 27

8:30a.m. Coffee and Conversation in
Alumni Lounge--throughout
all morning and afternoon
sessions
9:00a.m. Session A
Session B
Session C
Session D

John W. Servos (Princeton): Chemical Engineering and the Research Ideal: The Massachusetts Institute of Technology 1905-1930

Harold L. Burstyn (U. S. Geological Survey):
Chemical Fertilizers and the Industrialization
of Agriculture

Robert D. Fridel (Smithsonian): Imitation and
Artifice: Chemistry and the Origin of Modern
Plastics

Session A:

Interspecialty Breakthroughs 1918-1939

Chair: Donna Haraway (Johns Hopkins)

Mark Adams (Pennsylvania): The Synthetic
Theory of Evolution

F. Lawrence Holmes (Western Ontario):
Biochemistry and Physiology in the
Discovery of the Urea Cycle

Karl Hufbauer (California, Irvine):
The Stellar-Energy Problem

Commentators:

Robert E. Kohler (Pennsylvania)
Spencer Weart (American Institute of
Physics)

Commentator:

John J. Beer (Delaware)

Session D:

Work in Progress I: Medieval and Early Modern
Science

Chair: B. J. T. Dobbs (Northwestern)

Kent T. Kraft (Georgia, Athens): Hildegard of
Bingen and Twelfth-century Cosmology

Bruce Eastwood (Kentucky): New Light on
Heraclidean Astronomy in the Early Middle Ages

Bruce T. Moran (Nevada, Reno): Science at the
Court of Hesse-Kassel: Informal Communication,
Collaboration and the Role of the Prince-
Practitioner in the Sixteenth Century

Elaine Condouris Stroud (Wisconsin, Madison):
The Formation of Images in Thomas Hobbes'
Theory of Vision

Maurice A. Finocchiaro (Nevada, Las Vegas):
On the Historiography of Galileo's World Systems

Howard R. Bernstein (Yale): Conatus in Hobbes
and the Young Leibniz: the Dynamical Connection

Joella Yoder (Wisconsin, Madison): Huygens'
Determination of the Constant of Gravitational
Acceleration: The Genesis of Devi centrifuga
and the Horologium oscillatorium

Session B:

Conceptual Redefinition in Recent Physics

Chair: Elizabeth Garber (SUNY, Stony Brook)

Albert Moyer (Virginia Polytechnic Institute):
The Operational Outlook of Simon Newcomb

Bruce R. Weaton (California, Berkeley):
Energy as Frequency: Redefining Radiant
Intensity

FRIDAY, OCTOBER 27 (Continued)

1:00p.m. HSS Business Meeting

2:15p.m. Session A
Session B
Session C
Session D

Session A:

Exact Sciences in Antiquity

Chair: Bernard R. Goldstein (Pittsburgh)

Asger Aaboe (Yale): Observations and Theory
in Babylonian Astronomy

Sharon Gibbs (National Archives and Records
Service): Greek and Roman Sundials

Noel Swerdlow (Stanford): On Ptolemy's
Derivation of the Bisection of the
Eccentricity

Session B:

Historiographic Reflections

Chair: Margaret Rossiter (California, Berkeley)

Camille Limoges (Montreal): From the Conceptual
History of Science to the History of
Scientific Disciplines

Steven Shapin (Edinburgh): Mind Reading:
Some Problems for an Individualistic
History of Science

Paul Forman (Smithsonian): Geneses of Scientific
Ideas as Historiographic Goal

J. L. Heilbron (California, Berkeley):
Who is Fairest of Them All?

Commentator: T. S. Kuhn (Princeton)

Session C:

Work in Progress II: Topics in the History
of the Physical Sciences

Chair: Joan Bromberg (Gaithersburg, Maryland)

William M. Sudduth (Oklahoma Center for
Science and Arts): The Voltaic Pile: A
Case Study in Scientific Communication

Kathryn M. Olesko (Cornell): Franz E. Neumann
and the Emergence of Theoretical Physics in
Germany

Gary C. Hatfield (Wisconsin, Madison):
Helmholtz and Nineteenth-century Visual
Theory

John L. Michel (Wisconsin, Madison): The Physics
Education of Robert A. Millikan

Lillian Hartmann Hoddeson (Illinois, Urbana-
Champaign): Science, Technology, and
Politics: The Creation of the Fermi National
Accelerator Laboratory, 1952-72

Richard F. Hirsh (Smithsonian): The
Development of X-Ray Astronomy: The
Significance of Technological Innovation
for the Establishment of a New Science

Session D:

Biogeography, The Nineteenth-century Background
for Evolution and Ecology

Chair: Philip F. Rehbock (Hawaii)

Frank N. Egerton (Wisconsin, Parkside):
Hewett C. Watson, Great Britain's First
Phytogeographer

Sheldon T. Miller (Indiana): Late Nineteenth-
Century Phytogeography and the Rise of
Ecology

Keir B. Sterling (Pace): J. A. Allen, C.
Hart Merriam, and American Contributions
to Biogeography, 1870-1900.

Commentator:

Mary P. Winsor (Toronto)

5:15p.m. Cocktail Party in the Alumni
Lounge

6:30p.m. Dinner sponsored by the Committee
on Undergraduate Education.
Those wishing to attend should
contact Stephen Brush in advance.

8:00p.m. Symposium on Undergraduate
Education

Session

History of Science in the Science Curriculum
(Sponsored by the Committee on Undergraduate
Education)

Chair: Maurice Finocchiaro (Nevada, Las Vegas)

Elizabeth Patterson (Albertus Magnus College):
History as an Introduction to Science

Robert Dott, Jr. (Wisconsin, Madison):
The Pros and Cons of the Historical Approach
for Teaching Geology

Walter Gross (American Association of Physics
Teachers): The History of the Physical
Sciences in the Two-Year College Curriculum

Commentator:

Stephen G. Brush (Maryland, College Park)

SATURDAY, OCTOBER 28

9:00a.m. Session A
 Session B
 Session C
 Session D

Session A:

Eugenics, IQ Tests, and Race in America

Chair: Daniel J. Kevles (Cal Tech)

Garland Allen (Washington, St. Louis):
Raymond Pearl

Hamilton Cravens (Iowa State): In-
constancy of the I.Q.: The Iowa Child
Welfare Research Station and the Criticism
of the Hereditarian Mental Testing,
1917-1939

Will Provine (Cornell): The Genetics Society
of America Statement on Heredity, Race and
I.Q.

Commentators:

Barbara Rosenkrantz (Harvard)
George Stocking (Chicago)

Session B:

Work in Progress III: Topics in the History
of Mathematics and the Physical Sciences

Chair: Michael J. Crowe (Notre Dame)

Lenore Feigenbaum (Yale): The Mathematics
of Brook Taylor (1685-1731)

Helena M. Pycior, (Wisconsin, Milwaukee):
What is Algebra? The Dialogue between
William Rowan Hamilton and Augustus
DeMorgan

William Aspray (Wisconsin, Madison):
Constructivist Mathematics and Philosophy
of Mathematics: Kronecker to Brouwer

Erwin Neuenschwander (Zürich): Aspects
of Function Theory in the Nineteenth
Century

Krishan D. Mathur (University of the
District of Columbia): Atomic Theories
in Ancient India

Bruce J. Ramer (P.M. High School, Brooklyn):
Space and Gravity: The Newtonian and
Cartesian Controversy, 1644-1753

Robert A. Hatch (North Carolina State): The
Planetary Hypothesis of Ismael Boulliau

Martin Dyck (MIT): Goethe's Response to Newton
Reappraised

Session C:

The Popular Culture of Eighteenth Century Science
in France

Louis S. Greenbaum (Massachusetts, Amherst):
Science, Medicine, Religion; Three Views of Health-
care in France on the Eve of the Revolution

Jean-Claude Guedon (Montreal): The Chemist as
Author: Men of Letters in Eighteenth-century
France

Roger Hahn and Robin Rider (California, Berkeley):
Mathematics in Eighteenth-century France

Nina Rattner Gelbart (Occidental College):
Science in French Enlightenment Utopias

Commentator:

William Coleman (John Hopkins)

Session D:

Experimental Confirmation of Physical Laws and
Theories

Chair: Martin J. Klein (Yale)

Alan E. Shapiro (Minnesota): Newton's Experimen-
tal Investigation of Chromatic Dispersion

Jed Z. Buchwald (Toronto): Experimental Investi-
gations of Double Refraction from Huygens to Malus

Don Moyer (Northwestern): The 1919 Eclipse Test
of General Relativity

12:00p.m. Joint Luncheon Meeting of the
Women's Caucus and the Committee
on Women. Open to all, no res-
ervation needed. Memorial Union

1:00-5:00p.m. Open House in the Rare Book Rooms
at the Memorial Library and the
Middleton Medical Library

2:15p.m. Session A
 Session B
 Session C
 Session D

Session A:

Topics in the Transmission of Science

SATURDAY, OCTOBER 28 (Continued)

(Session A continued)

Chair: A. I. Sabra (Harvard)

Bernard R. Goldstein (Pittsburgh):
The Survival of Arabic Astronomy
in Hebrew Texts

George Saliba (New York University):
Paulus Alexandrinus in Syriac and
Arabic--a Problem in the Transmission
of Astronomy

Michael McVaugh (North Carolina, Chapel
Hill): Tremor, Rigor, and Spasm: An
Aspect of the Medieval Transmission
of Medical Terminology

Emilie Savage-Smith (UCLA): Geomancy--
Unique Features and Problems in the
Diffusion of Ideas

Session B:

The Social Setting of Science

Chair and Commentator: Ruth Schwartz
Cowan (SUNY
Stony Brook)

George Basalla (Delaware): Science
and the City

Arnold Thackray (Pennsylvania):
Gentlemen of Science: The British
Association in its Early Victorian
Context

Colin B. Burke (Maryland, Baltimore
County): Higher Education and Formal
Scientific Training in Antebellum
America

William McGucken (Akron): The A.A.A.S.
and the Social Relations of Science
Movement of the 1930's and 1940's

Session C:

Interactions of Mathematics and Physics
1638-1926

Chair: Stephen G. Brush (Maryland,
College Park)

Winifred L. Wisan (Brooklyn College):
Mathematics and the Study of Motion:
Emergence of a New Scientific Style in
the Seventeenth Century

M. Norton Wise (UCLA): The Geometry of
Physics in Mid-Nineteenth Century Britain

Arthur Schlissel (John Jay College):
Celestial Mechanics and the Qualitative
Theory of Ordinary Differential Equations--
Poincaré's Contribution

Thomas L. Hankins (Washington, Seattle):
The History of the Optical-Mechanical Analogy
from Hamilton to Schrödinger

Session D:

Work in Progress IV: Topics in the History of
the Life Sciences

Chair: Gerald L. Geison (Princeton)

Tony A. Appel (Smithsonian): DeBlainville,
Lamarck, and the Chain of Being

Margaret Vampola (Harvard): Richard Owen's
Changing Views on Generation, 1838-1869

Keith R. Benson (Oregon State): William Keith
Brooks and the Morphology Tradition in
American Biology

Eugene Cittadino (Wisconsin, Madison):
Physiology, Plant Geography, and the
Beginnings of Plant Ecology: The Early Careers
of William F. Ganong and Conway MacMillan

Emanuel D. Rudolph (Ohio State): What Animal
is That? An Analysis of Animals in Children's
Books of the Nineteenth Compared with the
Twentieth Century

Thomas C. Cadwallader (Indiana State):
Additional Roots of the History of American
Comparative Psychology

David Bearman (Survey of Sources for the His-
tory of Biochemistry and Molecular Biology,
American Philosophical Society: Historical
Issues Posed by the Records of Scientific
Activity

6:30p.m. HSS Banquet, Wisconsin
Center Guest House

8:30p.m. Postprandial Cocktail Party,
Wisconsin Center Guest House

SUNDAY, OCTOBER 29

9:00a.m. Session A
Session B
Session C
Session D

Session A:

Toward a History of Modern Chemistry

John E. Lesch (California, Berkeley):
Pelletier, Caventou, and the Chemistry
of the Alkaloids

SUNDAY, OCTOBER 29 (Continued)

(Session A continued)

Robert K. DeKosky (Kansas): George Gabriel Stokes, Arthur Smithells, and the Origin of Spectra in Flames

Jon Eklund (Smithsonian): G. E. 1: Odyessy of an Instrument

Anthony N. Stranges (Texas A & M): Friedrich Bergius and the Rise of the German Synthetic Fuel Industry

Session B:

Topics in the History of Evolutionary Biology

Chair: John C. Greene (Connecticut)

Dov Ospovat (Nebraska, Lincoln): Darwin after Malthus

Malcolm Kottler (Minnesota): Female Choice vs. Female Protection: Another Dispute between Darwin and Wallace

Peter Bowler (Winnipeg): Reflections on the 'Eclipse of Darwinism'

Will Provine (Cornell): Theodosius Dobzhansky, Sewall Wright, and the Evolutionary Synthesis

Session C:

Scientific Networks in History

Richard A. Jarrell (York): Scientific Networks and Astronomy: The Cases of Tycho, Kepler and Mästlin

William L. Hine (York): The French Connection: The Network of Mersenne

Carleton E. Perrin (York): Communications in Late Eighteenth-century Chemistry: The Network of Senebier

Session D:

Work in Progress V: In Honor of Erwin N. Hiebert

Session Organizers: Roger H. Stuewer
(Minnesota)
Edward E. Daub
(Wisconsin, Madison)

FELLOWSHIP ANNOUNCEMENTS

The Columbia Society of Fellows In The Humanities, with grants from the Andrew W. Mellon Foundation and the William R. Kenan Trust, will appoint a number of post-doctoral fellows in the humanities for the academic year 1979-1980. Fellows newly appointed for 1979-1980 must have received the PhD between January 1, 1977 and July 1, 1979. Stipend \$14,000,- one half for independent research and one half for interdepartmental teaching, probably with modest additional grants. Application forms can be obtained by writing to the Director, Room 1509, International Affairs Building, Columbia University, New York, N. Y. 10027. Deadline for receipt of completed application forms is November 1, 1978.

The Charles Babbage Institute is accepting applications for a Graduate Fellowship to be awarded for the 1978-79 academic year to a graduate student whose dissertation will be on some aspect of the history of computers and information processing. The stipend will be \$5,000 plus tuition at the institution of the student's choice. Priority will be given to students who have completed all course work and have completed all requirements for the doctoral degree except the research and writing of the dissertation. However, even incoming graduate students will be considered. The Fellowship may be extended for a period of one to three years if continued support is merited in the eyes of the Selection Committee. Applications should be sent to Mr. Paul Armer at 701 Welch Road, Suite 224, Palo Alto, California 94304, by July 15, 1978. The winner will be announced by August 15, 1978. Applications should include biographical data, two letters of reference, transcript of college credits, GRE scores if available, and a research plan or design.

The Gladys Krieble Delmas Foundation pre-doctoral and post-doctoral fellowships grants from \$500 up to a maximum of \$10,000 for a full academic year for research in Venice, Italy. Application deadline is January 15, 1979. Write to The Gladys Krieble Delmas Foundation, 40 Wall Street, New York, New York 10005.

The American Council of Learned Societies announcement of Aids To Individual Scholars for 1978-1979 is now available. Write to ACLS, 345 East 46th Street, New York, New York 10017.

The United States Arms Control and Disarmament Agency announces the inauguration of the Hubert H. Humphrey Fellowships in Arms Control and Disarmament. The goals of the program are to provide research relevant to the Agency's work in these fields and to stimulate interest in arms control and disarmament studies in universities around the country. For further information, contact: Hubert H. Humphrey Fellowship Program, U. S. Arms Control and Disarmament Agency, Washington, D. C. 20451. (continued on page 16)

REGISTRATION AND HOTEL RESERVATION FORM

1978 HSS ANNUAL MEETING, MADISON, WISCONSIN (OCTOBER 27-29)

NAME _____
AFFILIATION _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
TELEPHONE _____
(Area Code)

FEES

_____ Registration Fee @ \$10.00 (Includes conference, materials, services, and coffee.)
_____ Student Registration Fee @ \$6.00
_____ HSS Dinner, @ \$8.50, on Saturday, October 28 (The entree will be Rock Cornish game hen; if you would prefer a vegetarian meal, check here: _____.)
_____ TOTAL, MAKE CHECK PAYABLE IN U. S. DOLLARS TO UNIVERSITY OF WISCONSIN-EXTENSION

HOTEL RESERVATION

The following hotels are available, listed in order of proximity to the Wisconsin Center; please indicate your preferences 1 through 5 and type of room desired. (Hotel assignment will be on a first-come first-served basis, so early registration is advantageous; in any case, securing your reservation by September 26 is highly recommended.)

_____ WISCONSIN CENTER GUEST HOUSE (LOWELL HALL)* 610 Langdon St. (1 block)	_____ Single \$16.00 _____ Double \$10.00/person
_____ MADISON INN** 601 Langdon St. (1 block)	_____ Single \$19.00 _____ Double \$11.50/person
_____ TOWN/CAMPUS MOTEL (BEST WESTERN)** 441 N. Frances St. (2 blocks)	_____ Single \$18.00 _____ Double \$10.50/person
_____ HOWARD JOHNSON'S* ** 525 W. Johnson St. (4 blocks)	_____ Single \$19.50 _____ Double \$14.50/person
_____ UW LAKESHORE (SHORT COURSE) DORMITORIES 650 Babcock Drive (1 mile)	_____ Double \$7.00/person _____ Triple \$5.50/person

* Add 4% State and 6% City Sales Tax
** Have Swimming Pools

_____ I wish to share a room with _____
_____ I will share a room with another member of this group selected by you

Arrival Date _____ TIME _____
Departure Date _____ TIME _____

SEND NO MONEY FOR HOTEL ACCOMMODATIONS

MAIL COMPLETED FORM TO: History of Science Society Annual Meeting
The Wisconsin Center
WITH REGISTRATION FEES: 702 Langdon Street
Madison, Wisconsin 53706

The Section of Psychology of The New York Academy of Sciences announces the eight competition for the annual James McKeen Cattell award for an outstanding doctoral dissertation in psychology. The competition is limited to graduate students of accredited doctoral programs who attain their degrees between July 1, 1977 and June 30, 1978. Each department or program is invited to nominate one dissertation no later than August 1, 1978. The winner will be announced on or about January 15, 1979. The thesis abstract should be sent to: Helmut E. Adler, Co-Chair, Section of Psychology, c/o Meeting Services Department, The New York Academy of Sciences, 2 East 63rd Street, New York, New York 10021. Following a review of these abstracts, the Advisory Committee may request a copy of the dissertation itself for final review. The recipient of the award will be invited to speak at the March meeting of the Section in 1979, at which time a certificate will be presented to the winner. The doctoral program in which the winner received his or her education will also be awarded a citation. Dissertations will be judged by the Advisory Committee of the Section of Psychology and other experts on the subject of each thesis.

APPOINTMENTS AND PROMOTIONS

Kenneth L. Caneva has been appointed Assistant Professor in the Department of History, University of North Carolina at Greensboro, Greensboro, North Carolina 27412.

William Coleman has been appointed Professor of the History of Science at the University of Wisconsin-Madison.

Allen G. Debus has been named the first Morris Fishbein Professor of the History of Science and Medicine at the University of Chicago. Professor Debus has been a member of the faculty at Chicago since 1961 where he served as Director of The Morris Fishbein Center for the Study of the History of Science and Medicine from 1971 to 1977.

Owen Hannaway was appointed Chairman of the History of Science Department, Johns Hopkins University, for a three term.

Edwin Hiebert has been elected Chairman of the Department of the History of Science, Harvard University; he is now also First Vice-President of the Division of The History of Science of the IUHPS.

Carolyn Merchant Iltis has been awarded tenure at the University of San Francisco.

Stephan A. Levinson has been appointed Director of the graduate program in Health Services Administration at Antioch West, division of Antioch University, San Francisco, California.

Robert W. Seidel has been appointed Assistant Professor of History of Science and Technology at Texas Tech University, Lubbock, Texas.

Lewis Pyenson and Yakov M. Rabkin have been promoted to Associate Professorship (professeur agrege) at the Institut d'histoire et de sociopolitique des sciences, Université de Montréal, Montreal, Canada.

DISSERTATIONS

Note: If available, please supply the Dissertation Abstracts reference number in the future when submitting announcements on dissertations completed.

University of California-Berkeley:

Robert W. Seidel, "Physics Research in California; The Rise of a Leading Sector in American Physics". (completed).

Johns Hopkins University:

David Cahan, "The Physikalisches-Technische Reichsanstalt: a study in the relations of physics technology and the state in Imperial Germany." (in progress).

Michael I. Freedman, "Frederick Soddy and the Origins of the Atomic Age, 1900-1914". (in progress)

Kristen Zacharias, "Man and apes, as seen by physical anthropology ca. 1900." (in progress).

Robert Marc Friedman, "Vilhelm Bjerknes and the Bergen School of Meteorology, 1918-1923: A Study of the Economic and Military Foundations for the Transformation of Atmospheric Science." (completed).

Christa Jungnickel, "The early history of the Royal Saxon Academy: a nineteenth-century program for interdisciplinary scientific research." (completed).

Ohio State University:

James R. Hansen, "The Organization of the Scientific Community in Old Regime Zurich: Die Pshikalische Gesellschaft, 1745-1798." (in progress).

Princeton University:

Bruce R. Wheaton, "On the Native of X and Gamma Rays: Attitudes toward localization of energy in the New Radiations 1896-1922". (completed).

Université De Montréal:

Joseph Caron, La théorie de la coopération animale dans l'écologie de W. C. Allee: analyse du double registre d'un discours. (M. Sc. completed).

Marie-Janie Chartier, Influence de la politique linguistique française sur le domaine spécifique de la communication scientifique. (M. Sc. complete).

Michael Farley, Formation et transformations de la synthèse écologique aux Etats-Unis, 1949-1971. (M. Sc. completed).

Shitanshu Kumar Mukerji, A new animal feed technology for the Commonwealth Caribbean: Case Study of Canadian Foreign Aid Programme. (M. Sc. completed).

Yale University:

Lenore Feigenbaum, "The Mathematics of Brook Taylor (1685-1731)". (in progress).

Jane L. Jervis, "Cometary Theory in 15th century Europe". (completed).

Peggy A. Kidwell, "Studies of the Sun's Heat from Halley to Helmholtz". (in progress).

Allan A. Needell, "Max Planck's Contribution to the Quantum Theory 1910-1916". (in progress).

Lewis P. Rubin, "The Beginnings of Immunological Research in the United States, 1885-1920". (in progress).

AWARDS AND FELLOWSHIPS

Allen G. Debus of the University of Chicago was named the recipient of the Edward Kremers Award for distinguished pharmacohistorical writing by an American, given by The American Institute of the History of Pharmacy. Certificates of Commendation were awarded to pharmacists Benjamin Bavly of New Orleans, Louisiana and Bernard Trygstad of Grand Rapids, Minnesota.

Robert Marc Friedman of Johns Hopkins University has been named a Research Fellow of the Norwegian Research Council for Science and the Humanities (NAVF) effective September 1978. He will be affiliated with the Research Council's Institute for Studies in Research and Higher Education and the History Institute at the University of Oslo. He will continue his research on the development of science in modern Norway, especially the pioneering endeavors in meteorology and oceanography.

Terry Kay Rockefeller, a student in the Department of History at Johns Hopkins University has been awarded the first Fellowship in Electrical History, by the Institute of Electrical and Electronics Engineers to study impacts of electric light and power in the state of New York between the two World Wars.

Edward Rosen, Emeritus Professor of the History of Science at the City University of New York, Graduate School, was awarded the Order of Merit by the Polish People's Republic. The gold medal was presented at a reception held at the Polish Consulate General in New York, New York.

National Science Foundation, History and Philosophy of Science Program:

Ernest W. Adams, University of California, Berkeley, California, "Mathematical Theory of Uncertainties in Deductions, and the Logic of Imperfectly Satisfied Laws of Measurement."

Mark B. Adams, University of Pennsylvania, Philadelphia, Pennsylvania, "Evolution and Genetics in Post-Revolutionary Russia, 1917-1930."

David P. Billington, Princeton University, Princeton, New Jersey, "Robert Maillart and the Origins of Modern Concrete Structures".

J. A. Coffa, Indiana University, Bloomington, Indiana, "Doctoral Dissertation in History and Philosophy of Science".

Lindley Darden, University of Maryland--College Park, College Park, Maryland, "General Aspects of Theory Development, a Case Study of the Theory of the Gene".

Paul Farber, Oregon State University, Corvallis, Oregon, "The Emergence of Ornithology".

Karl Hufbauer, University of California-Irvine, Irvine, California, "Inter-Specialty Collaboration: Pre-War Applications of Nuclear Physics".

Owen Hannaway, John Hopkins University, Baltimore, Maryland, "Daniel Sennert and the Rise of Modern Science".

Lawrence C. Kelly, North Texas State University, Denton, Texas, "The Origins of Applied Anthropology in the United States, 1935-1945".

Carl Mitcham, St. Catharine College, St. Catherine, Kentucky, "Bibliography of the Philosophy of Technology".

Davis Ross, SUNY-Lehman College, Bronx, New York, "A History of the U. S. Synthetic Rubber Industry, 1925-1955".

Michael M. Sokal, Worcester Polytechnic Institute, Worcester, Massachusetts, "Preparation of a Critical Edition of James McKeen Cattell's Europa Papers".

D. S. Tarbell, Vanderbilt University, Nashville, Tennessee, "Biography of Roger Adams".

Clifford A. Truesdell, Johns Hopkins University, Baltimore, Maryland, "A History of Hydromechanics".

Ethical Values in Science and Technology Program:

Nancy N. Dubler, Montefiore Hospital and Medical Center, Bronx, New York, "Ethical Issues in the Delivery of Health Care Within Detention and Correctional Institutions".

William Friedland, University of California/Santa Cruz, Santa Cruz, California, "Ethics and Values in Agricultural Research: A Case Study".

Raymond C. Hunt, Institute for the Study of Contemporary Social Problems, Seattle, Washington, "Case Studies of Value Dilemmas in Law Enforcement".

Everett Mendelsohn, Harvard University, Cambridge, Mass., "International Conference on Ethical and Value Issues in the Social Assessment of Science".

Murray L. Wax, Washington University, St. Louis, Missouri, "Ethical Problems of Fieldwork".

CUE SPEAKERS BUREAU

The Committee on Undergraduate Education has decided to establish a Speakers Bureau for regional meetings of scientific societies. Many scientists and science teachers are very much interested in learning more about the history of science, but do not have the resources or contacts. They need YOUR help! We will submit the names and addresses of possible speakers to science groups and educational organizations for their listings and/or for publication in their journals. We will also send the names and addresses of the speakers to local program chairpersons.

In many cases, the associations will pay travel expenses and honoraria. In all cases, speaking at these meetings is a good opportunity for you and a chance to introduce your science colleagues to the history of science.

YES, I WISH TO BE LISTED WITH THE CUE'S SPEAKERS BUREAU:

SIGNATURE: _____

PRINT SIGNATURE NAME: _____

INSTITUTION: _____

ADDRESS: _____

PHONE: () _____

SCIENCE AREA:

()	Astronomy	()	Medicine
()	Biology	()	Meteorology
()	Chemistry	()	Physics
()	Geology	()	Technology
()	Mathematics	()	Other (Specify): _____

Suggested title(s) of talks (optional):

(1) _____
(2) _____
(3) _____
(4) _____

Suggestions of scientific societies and other groups that might use the speakers bureau:

(1) _____
(2) _____
(3) _____

PLEASE SEND THIS FORM TO: Dr. Walter Cross
c/oAAPT, Graduate Physics Building
State University of New York
Stony Brook, New York 11794

JOB INFORMATION

Individuals in colleges, universities, and other institutions having knowledge of possible or definite job openings are urged to relay such information to the Secretary of the Society, Dr. Sally Gregory Kohlstedt, as soon as possible for publication in the Newsletter. Such sharing of job information is consistent with the general sentiment that members of the HSS expressed on the desirability of open listing of available positions.

The positions listed below are new openings that have been brought to the attention of the Secretary. Other new openings should also be brought to her attention as soon as possible. All inquiries should be addressed to the institution having the opening, and only serious and qualified persons should apply. It is assumed that the positions listed are in fact open at the time of publication. The Society, however, can assume no responsibility for the accuracy or currency of the listing.

1. Case Western Reserve University; Cleveland, Ohio 44106.

Description: Assistant/associate professor, historian of European technology and science, nineteenth and early twentieth century. Commencing late August, 1978, two year contract, renewable. PhD qualifications completed by beginning of 1978-79 academic year. Candidate should be able to teach survey courses in history of technology and history of science, develop advanced courses and direct research in his or her speciality, and participate in cooperative teaching in a graduate institute of historical studies. (Case Western Reserve is an equal opportunity; affirmative action employer.) Contact: Professor Robert E. Schofield, DSISHSST, Crawford Hall, Case Western Reserve University, Cleveland, Ohio 44106.

2. The University of New South Wales; Sydney, Australia.

Description: Senior Lectureship/Lectureship in social studies of science or science and technology policy. The School of History and Philosophy of Science is located in the Faculty of Arts and has an undergraduate enrolment of about 500 students drawn from the Faculties of Arts and Science. more than 40 students are enrolled in the Master's degree program in Science and Society, for which the School has the main administrative and teaching responsibility. Ability to contribute to undergraduate courses in social history of science and a post-graduate course on Technology and Society in

the Twentieth Century is essential; and the appointee will be expected to develop new courses in social studies of science/science policy and contribute to existing courses in these areas. Professor J. Ronayne, Head of School, will be pleased to answer any informal queries about the School and its work. Salary Range - Senior Lecturer: \$20,104 - \$23,432; Lecturer: \$14,984 - \$19,604. The closing date for applications is July 7, 1978. Contact: University Appointments Officer, University of New South Wales, P. O. Box 1, Kensington, 2033, N. S. W., Australia.

3. General Library, University of California; Berkeley, California.

Description: Editor, (Half-Time Position), The Bancroft Library. The Library has funds to develop another phase of the Archive for the History of Science and Technology to document fully the history of medical physics, by examining the series of epochal developments in nuclear medicine that occurred at the University of California Radiation Laboratory in the period 1935 to 1960 and to trace their effect on progress in medical physics and medicine, generally. To assist in this work the Library seeks an Editor, Project in the History of Medical Physics, History of Science and Technology Program. Responsibilities will primarily include: Assisting the Coordinator in the identification and examination of relevant collections of personal and institutional papers in the history of medical physics; in developing, conducting and editing oral interviews with persons associated with the University of California, Berkeley; may be required to supervise part-time research assistants who will seek out relevant biographical and bibliographical information. Qualifications: Advanced graduate training in the history of the biological sciences or medicine; good sense of public relations. Interview or archival experience helpful. Funding for one year has been made possible by a grant from the National Endowment for the Humanities; one-year extension may be possible, depending upon the availability of outside funds. The project is designed to be completed in two years. Starting salary is \$7,038 per year for half time. Contact: Dr. Arthur L. Norberg, Coordinator, History of Science and Technology Program, The Bancroft Library, University of California, Berkeley, California 94720.

NOTES ON NEWS

The deadline for receipt of news for the October issue of the Newsletter is September 10. Please send all news items, written as concisely as possible to Dr. Sally Gregory Kohlstedt, Department of History, Maxwell School, Syracuse, New York 13210. As Secretary and Editor of the Newsletter, she is interested in membership opinion about coverage and welcomes suggestions.

The Newsletter of the History of Science Society is published in January, April, July and October, with supplements as necessary containing job information. Regular issues are sent free to individual members. Foreign members may receive their Newsletter by air-mail by paying yearly postal costs of \$5.00 (Western Europe) or \$6.00 (elsewhere).

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