HISTORY OF SCIENCE SOCIETY NEWS

The 1980 election drew 236 ballots from the membership. The Vice-President (and President-elect) will be Gerald Holton. New Council members, whose terms will expire in 1983 are: Bernard Finn, William Provine, Cecil Schneer, Brigitte Schroeder-Gudehus, and Spencer Weart. The Council consists of the past presidents of the Society, the Executive Committee, and fifteen elected members. Past Presidents are: Henry Guerlac, Marshall Claggett, I. Bernard Cohen, Horace Brown, Dorothy Stimson, Charles Gillispie, Thomas S. Kuhn, Lynn White, Jr., Erwin N. Hiebert, John C. Greene, Richard Westfall and Robert Multhauf. Other members of the Council will be (term expiring in 1981): Stephen Brush, Paul Farber, Margaret Oster, Kenneth Taylor, and Winifred Watan; and (term expiring in 1982): Betty J. Dobbs, Elizabeth Garber, Daniel J. Kevels, David C. Lindberg, and Michael S. Mahoney. For 1981 the Executive Committee will include Frederic L. Holmes, President; Gerald Holton, Vice-President; Sally Gregory Kohlstetd, Secretary; Seymour Mauskopf, Treasurer; and Arnold Thackray, Editor.

The 1981 Nominating Committee will be: Betty J. Dobbs, John Greene, Erwin Hiebert, Rachel Laudan, and Dov Ospovat. Nominations for the Council and the Nominating Committee should be submitted to any member of the Committee by March 1, 1981. By Article 10 of the HSS Statutes, for the Council the 1981 ballot "shall contain the names of ten candidates proposed by the Nominating Committee, together with the Names of other candidates nominated by petitions signed by at least fifteen members of the Society. For the Nominating Committee... the ballot shall contain ten names separated into two lists, one with six names of members of the Council, the other with four names of other members of the Society, together in both cases with the names of other candidates nominated by petitions signed by at least fifteen members of the Society."

The 1981 annual meeting of the History of Science Society will be held in Los Angeles, California, December 27 – 30, 1981.

A second circular for the International Congress for the History of Science in Bucharest in 1981 should be available in November. The established date for receiving papers is April 15, 1981 and the registering fee of $80 may be paid without penalty by April 15, 1981.

The History of Science Society annual meeting will be held with the Philosophy of Science Association, Society for the History of Technology, and Society for the Social Study of Science, October 17-19, 1980. Those attending may want to note the following information:

1. Arrival in Toronto: By automobile — for those arriving on Highway 401, exit at Avenue Road and proceed south (approximately 8 km) to the Park Plaza Hotel, 4 Avenue Road. There is an underground parking lot in the hotel. Those staying at the Plaza II should drive east along Bloor Street; the hotel is just east of Yonge Street. Those staying at the Bond Place should continue south along University Avenue to Dundas Street, then proceed east. The hotel is just east of Yonge Street. For those arriving from the Niagara Frontier along the Queen Elizabeth Way, proceed along its extension (Gardiner Expressway) and exit at York Street. Proceed north on University Avenue to Dundas or Bloor, depending upon your hotel.

By rail or bus — easiest travel is by taxi from either Union Station or Elizabeth Street Terminal. By air — there are four options from Toronto International Airport: (1) rental car (these should be booked in advance). Proceed via highways 409 and 401 as noted above; (2) taxi, which will cost approximately $15 per carload to the hotels; (3) airline limousine, approximately $18; (4) two buses connect with the subway system. A bus from the terminals to Islington Station is $1.75, the bus from terminals to Yorkdale Station is $2.25. From Islington, take the subway (60 cents) to St. George Station (one block west of Park Plaza) or to Yonge Station (Plaza II), or change at Yonge to southbound and leave at Dundas (one block west of Bond Place). Those connecting at Yorkdale Station should proceed south to Museum Station (half-block south of Park Plaza), or around the loop to Dundas for Bond Place, and Bloor Station for Plaza II. N.B. all prices are quoted in Canadian funds.

2. Registration and Information: The Registration/Information Centre is in the Park Plaza on the lobby level. If you have pre-registered, pick up your kit, badge, and tickets on arrival. Those not registered may do so in person. The Centre will be open from 4:00 p.m. until midnight, Thursday 16 October, from 8 to 8 on Friday and Saturday, and from 1 to 2 on Sunday. Information will be available on sessions, social events, sightseeing, etc. A message board will be located there, also. All Conference Coordinating Committee personnel will be wearing yellow badges; please stop and ask any of them for assistance.

3. Customs and Immigration: American citizens normally only require valid identification for entry into Canada. All others will require passports and/or
Money is accepted in many shops and restaurants. Travellers' cheques and common credit cards are accepted at most shops and restaurants. Americans should contact US Customs concerning limitations on items imported from Canada. US money is accepted in many shops and restaurants, but a better rate of exchange is available at exchange bureaus at the airport and at banks. Travellers' cheques and common credit cards are accepted at most shops and restaurants.

4. Activities in Toronto: Those bringing families and those who wish to combine some sightseeing with the meetings will find a wide variety of activities in North America's fourth-largest city. Tourist information will be included in your registration kit. For children, we would particularly recommend the Metro Zoo, Island Park, CN Tower, Ontario Place, and the Ontario Science Centre.

5. Clothing: Toronto Octobers tend to be cool. Evening temperatures may drop to 0°C. Dress as you would for a visit to New York or Chicago.

6. Members should note the following correction:
The special plenary session "Agendas for the 80's," and the scheduled Lieutenant-Governor of Ontario Informal Reception, both scheduled for Thursday evening, October 16, have both been cancelled due to conflicts.

A joint committee of the History of Science Society and the American Academy of Arts and Sciences has been established in order to encourage and assist scholars in the history of science who do not hold academic appointments but wish to carry on scholarly research. The committee will provide information concerning the sources of research grant support available to unaffiliated scholars, consultation in the preparation of viable research proposals, and assistance in arranging affiliation with a grantee institution qualified to administer grants which may be awarded to such scholars. Requests for assistance and other inquiries should be addressed to Frederic L. Holmes, Section of the History of Medicine, Yale University School of Medicine, 333 Cedar Street, New Haven, Connecticut 06510.

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CONFERENCES AND MEETINGS

The Department of Philosophy and the Program in the History and Philosophy of Science of the University of Notre Dame announce the fifteenth annual series of Perspectives in Philosophy lectures. Each of the guests will spend a week on campus and will give three public lectures on Monday, Wednesday and Friday. The lecturers for 1980-81 will be:

October 6-10: Carl G. Hempel, Science and Rationality: Analytic vs. Pragmatist Perspectives.


February 16-20: Wesley C. Salmon, Causality and Scientific Explanation.


The Committee on the History of Science, Boulder, CO announces its fall lecture series:

September 21, 8 p.m. Richard L. Ford, Museum of Anthropology, University of Michigan, "The Philosophical Basis of Ethnobiology in 19th Century America."

October 20, 8 p.m. Richard Lewontin, Museum of Comparative Zoology: The Agassiz Museum, Harvard University, "The Ideology of Biological Determinism."

October 27, 8 p.m. D.S.I. Cardwell, University of Manchester Institute of Science and Technology, "Dr. Joule of Manchester, England."

The Tenth Symposium on Philosophy and Medicine, "The Concept of Person and Its Implications for the Use of the Fetus in Biomedicine," will be held at the University of Missouri-Columbia on October 29-31, 1980. Major speakers will include John Bignners, H. Tristram Engelhardt, Jr., Leonard Glantz, Susan Richardson, Roland Pucetti, Pierre Sopart, LeRoy Walters, Caroline Whitbeck, and Patricia White. Application has been submitted for AMA Continuing Medical Education credit for physicians. For further information please contact Professors William Bondeson or Daniel Winship at the University of Missouri-Columbia, 420 General Classroom Building, Columbia, Missouri 65201, (314-882-3875).

History of Geology Symposium will be conducted on November 17, 1980 as part of the annual meeting of the Geological Society of America in Atlanta, Georgia. The morning session will offer historical perspectives on the connection between geology and other disciplines (art, archeology, chemistry, Darwinism, Industry, paleontology, philosophy, and Physics) and the afternoon session will focus on the history of geological education in the United States, with papers on teaching in Tennessee, California, RPI and New Harmony, Oklahoma and Chicago, and the women's colleges. For details, write Michele Aldrich, AAAS, 1776 Mass. Ave., NW, Washington, DC 20036.

The Center for Philosophy of Science of the University of Pittsburgh will sponsor a workshop on "Science, Technology and Values" from Thursday, December 4 to Saturday, December 6. Among the speakers will be: Tom L. Beauchamp, David Braybrooke, Ronald N. Giere, Edwin Layton, Douglas MacLean, Andrew McLaughlin, Michael Ruse, Kenneth M. Sayre, and Kristin Schrader-Frechette.

The American Astronomical Society will hold its 157th meeting the 11-14 January, 1981 at the Hilton Inn, Albuquerque, New Mexico. Persons interested in the Historical Astronomy Division should contact Dr. Kenneth Brecher, Department of Astronomy, Boston University, Boston, MA 02215.

The History of Science Society will co-sponsor the following sessions at the annual meeting of the American Association for the Advancement of Science, Toronto, January 3-8, 1981:

George Basalla (organizer), "The Place of Science in the History of Science" (Henry Frankel and Harold Burstyn (organizers), "Aldred L. Wegener (1880-1930) and the Revolution in the Earth Sciences"

Edward C. Carter, II (organizer), "Documenting the History of Science and Technology: What Should Be Saved and How?"

Margoroh Maruyama and Roger Krohn (organizers), "Patterns in Scientific Thinking"
The thirteenth annual meeting of Cheiron, Laudan, 613 Mervis Hall, History, University of Akron, Akron, Wisconsin, will be eligible for a
will be circulated to Junto members in
The Center for
Behavioral and
Kalikow, Department of
Behavioral and
Social Sciences or with related historical

Additional information and a call for papers
receive proposals for formal papers and discussion groups for its annual spring meeting, to be held at the
will sponsor a
workshop on "Models of Change in Science
Technology" 9-12 April, 1981. Further information can be obtained from Rachel
The thirteenth annual meeting of Cheiron, International Society for the History of the Behavioral and Social Sciences, will be held 10-13 April, 1981 at the University of Wisconsin, River Falls, Wisconsin. Papers will be considered that deal with aspects of the history of any of the behavioral and social sciences or with related historical and social science methodology. Length of papers should be approximately seven double-spaced, typewritten pages. Five copies should be submitted. Longer entries must meet a higher criterion for acceptance. All papers will be subject to a process of blind reviewing. Symposium submissions, proposals for workshops, exhibits and other special programs are welcome. Five copies of all material should be submitted. Deadline for receipt of all papers and other submissions is February 1, 1981. Matriculated graduate students who present papers at this meeting will be eligible for a $50 travel subsidy, on application to the Executive Officer. For papers and program, contact Dr. Theodora J. Kallkon, Department of Philosophy, South-eastern Massachusetts University, No. Dartmouth, MA 02747; and for local arrangements, contact Dr. Donald A. Charpentier, Department of Psychology, University of Wisconsin, River Falls, WI 54022.

The Society for the Bibliography of Natural History and the Systematics Association will sponsor an international conference on the occasion of the centenary of the British Museum (Natural History) dealing with "History in the Service of Systematics, 13-16 April 1981" at the British Museum (Natural History). For information, contact Mrs. Judith Diment, Botany Librarian, British Museum, Cromwell Road, London SW7 5BD England.

The 1981 annual meeting of the Society of Architectural Historians will be held in Victoria, British Columbia, April 1-5. Danie Sullivan, University of Delaware, is general chairman; Alan Gowans, University of Victoria, is honorary local chairman; and Earl D. Layman, Historic Preservation Officer for the City of Seattle is serving as local chairman.

The Midwest Victorian Studies Association is soliciting proposals for formal papers and discussion groups for its annual spring meeting, to be held at the Newberry Library in Chicago, 1-2 May 1981. The theme of the conference will be Law, Rule, and Resistance in Victorian England, and topics of special interest include the scientific revolution. Papers should be of interest to a broadly interdisciplinary audience and, if possible, should be submitted in a form close to that in which they would be delivered. Persons wishing to propose topics for discussion groups or special panels should submit an outline describing the topic and listing the major points they would hope to cover in the session. Papers and proposals should be sent no later than 1 December 1980 to Frederick Kirchoff, Department of English and Linguistics, Indiana University-Purdue University at Fort Wayne, Fort Wayne, Indiana 46805. A stamped, self-addressed envelope should be included if the return of a manuscript is desired.

The American Studies Association will hold its Eighth Biennial Convention in Memphis, Tennessee, October 29-November 1, 1981. All sessions will be held at the Rivermont Hotel. The convention theme is "The American Experience in Regional Contexts." Within that theme sessions will deal with popular culture, environmentalism, community studies, folklore, historic preservation and restoration. Sessions will cover traditional American literature, history, art, social science as well as women's studies, and ethnic and minority studies. Proposals may be submitted to John A. Hague, Chairman of the 1981 Program Committee, Box 1255, Stetson University, DeLand, FL 32720. (904) 734-0804.

ANNOUNCEMENTS

A newsletter on the History of Science in America, News and Views, has been developed by Clark A. Elliott and a coordinating group of interested scholars. A contribution of $5.00 is requested from those interested in receiving the quarterly publication. There will be an informational meeting of the Americanists at the joint meeting in Toronto, October 17-19; see the bulletin board for time and place.

The Charles Babbage Institute for the History of Information Processing (CBI) will be permanently located at the University of Minnesota. Roger H. Stuewer, Professor of History of Science and Technology at the University of Minnesota, will serve as Acting Director until a permanent director is found. The primary objective of the CBI is also to study the history of information processing -- its technical and socioeconomic aspects -- and to promote increased awareness of the impact of the computing and information revolution on society. To realize its objective the CBI will establish an archival program, including an oral history program, and promote the use of these materials through research, teaching, fellowships, conferences, public lectures, and the like. The CBI will be housed in Walter Library on the Minneapolis campus. A search will soon be underway to identify a permanent Director, Associate Director, and Archivist.
The Sixth European Travel and Study Course "The Evolution of Modern Chemistry" will be offered in June and July 1981 by Southern Illinois University-Carbondale. Participants will earn 6 credits for the eight weeks of study. Registration for shorter periods and fewer credits is possible. Initial plans call for instruction at sites located in Belgium, Czechoslovakia, France, East and West Germany, Great Britain, Holland, Italy, and Switzerland. Places will be visited where history of chemistry was made or it is on exhibit. Beside the SUI-C instructor participants will hear special lectures by local science historians and experts. All inquiries should be directed to the tour leader and instructor, Dr. John H. Wetiz, Professor, Department of Chemistry and Biochemistry, Southern Illinois University, Carbondale, Illinois 62901, (618) 453-5721.

Ten short courses in the 1980-81 series of NSF Chautauqua Short Courses will be open to a mixed audience of college teachers and non-academic professionals in science and engineering. Among the faculty participants is Duane H. Roller, "Historical Foundations of Modern Science." The aim of these short courses is to enable invited scholars at the frontiers of various sciences to communicate recent advances in their fields directly to college teachers and science and engineering professionals from industry or other nonacademic settings. The scholars meet intensively with 25 participants for a total of four days — two days in the fall and two days follow-up in the spring. Between the fall and spring sessions participants work on projects related to the course or do independent study, depending on the nature of the course. Fall sessions are scheduled in October-November; spring sessions in February-March. A descriptive brochure with full descriptions, schedules and an application form is available from the AAAS Office of Science Education, 1776 Massachusetts Avenue, NW, Washington, D.C. 20036.

The History Program of the United States Geological Survey is seeking information about manuscripts in private or institutional hands that relate to the Geological Survey (founded in 1879) and its predecessor agencies, the four Territorial Surveys that operated in the American West prior to 1878. Though the official manuscript materials are mostly in the National Archives, there are materials elsewhere that the History Program would like to know about so that it may assist outside scholars and carry out its own research projects. Examples of the kinds of material we seek information about are:

1. Letters written by Herbert S. Hoover as a summer field assistant with a Geological Survey party in 1894-1895, now in the University of Oregon Library;
2. Papers of Ralph Arnold, consulting petroleum geologist in California, who was with the Geological Survey 1901-1908, now in the Henry P. Huntington Library. Since the careers of many American earth scientists include a period spent with the Geological Survey, often in summer field work, there are a large number of persons about whose manuscripts we would like to be informed. The information we receive will be organized and made available to the scholarly community both in our publications and in response to requests. Please write to Harold L. Burstyn, Historian, 950 National Center, U.S. Geological Survey, Reston, Virginia 22092.

An International Congress on Science Thru XIV Centuries of Islam-1983 is planned by Hamdard Foundation Pakistan, Hamdard Centre, Nazimabad, Karachi-18. Those interested in a preliminary proposal should contact Hakim Mohammed Said at the above address.

National Endowment for the Humanities provides Residential Fellowships for College Teachers (in undergraduate and two-year colleges) who wish to improve their teaching by increasing their own knowledge of the subjects they teach. The Fellowships are held at designated universities. Fellows participate in a seminar and undertake personal programs of study and research, of their own choosing, beyond the work of the seminar. Two seminars will relate directly to the history of science: "Science and Human Nature since the Enlightenment," with David Joravsky, Professor of History, Northwestern University; and "Selected Topics in Bioethics," with David Smith, Professor of Religious Studies, Indiana University. These Fellowships offer a maximum stipend of $20,000. The deadline for applications for 1981-82 Fellowships is November 10, 1980 and notifications of awards will be made in mid-March, 1981. Further information and application forms may be obtained by writing to: Division of Fellowships and Seminars (MS 101), National Endowment for the Humanities, 806 15th Street, NW, Washington, D.C. 20506.

A recent report of the National Commission on Research, Funding Mechanisms: Balancing Objectives and Resources in University Research, argues that the existing mechanisms for federal support of research have created a situation in which institutional support for the humanities and social sciences has seriously eroded. Because much research in the humanities and social sciences is "small scale," requiring no large investment in technology, humanists and social scientists tend to get short shrift in a system "a highly centralized individual project support system" designed primarily for scientific research, the report says. As expensive research projects in science and engineering have siphoned off university resources, universities have been forced into the position of having to choose between maintaining their "capacity" for scientific research and supporting work in the humanities and social sciences.

Grants in the Humanities: A Scholar's Guide to Funding Sources is a 152-page sourcebook, written by medievalist William E. Coleman of the John Jay College of Criminal Justice in New York. Five appendices include grant deadlines and information on over 130 agencies. The guide, which Coleman hopes to update annually, is available for $12.95 from Neal-Schuman Publishers, Inc., 64 University Place, New York, NY 10003.

Doctorate Recipients from United States Universities: Summary Report, 1979 (Washington: The National Research Council, 1980) indicates that between July 1, 1978 and June 30, 1979 a total of 31,200 research doctorates were awarded by U.S. universities. This number constitutes an increase of 1.1% over 1.1% from the 30,872 doctoralates awarded in 1978, and represents the first increase since the peak year of 1973. The trend in number of doctorates produced in the humanities has continued its downward decline of the past five years, considerably more so for men than for women. The rate of decline, however, has leveled off for both men and women. Despite the general decline in the number of humanities Ph.D.'s, some fields have shown an increase over 1978, including History and Philosophy of Science.
The National Endowment for the Humanities (NEH) has awarded a three-year, $132,000 grant to support the center for advanced study program at the American Antiquarian Society. The funds will be used to pay stipends to at least two NEH Fellows each year to do research at the Society for six to twelve months. This is the fourth grant for fellowship support NEH has made to AAS since 1975. AAS also offers a variety of short-term fellowships. These awards—the Fred Harris Daniels, Albert Boni, and Frances Hait Fellowships—carry varying stipends up to $1,800 and periods of tenure of from one to three months. The deadline for receipt of completed applications and three letters of recommendation is February 2, 1981, for all AAS fellowships. Contact John B. Hench, the Society's Research and Publication Officer, at 185 Salisbury Street, Worcester, MA 01609.

University Microfilms International has announced The History of Science, a new unit in the microfilm collection from the Library of the Jewish Theological Seminary of America. The new unit is the first in a series from JTS and is the first to concentrate exclusively upon works of science. The History of Science reproduces more than 400 titles in 200 rare manuscripts. Most of the material dates from the 16th and 17th centuries and represents early manuscripts written in the Mediterranean basin and other centers of learning throughout the world. The material is divided into four subject areas: (1) astrological, astronomical, and calendrical works, (2) mathematical works, (3) medical works, and (4) miscellaneous works with such topics as gemology and meteorology. It contains useful material for Judaic-Hebrew scholars as well as students of science and its history, medievalists, linguists, and researchers of Arabic.

An International Engineering Ethics Project will identify and collect information concerning ethical conflicts that can arise in all areas of engineering work: design, implementation, management and interaction with local personnel and institutions. Individuals whose experience can contribute to this study are asked to contact either of the Co-Directors:

Richard W. Lyman, the report surveys the work of a 32-member panel sponsored by the Rockefeller Foundation and chaired by Professor E.C. Jones, Department of Electrical Engineering, Iowa State University, Ames, Iowa 50011; or Professor C.A. Smith, Department of Philosophy, University of Missouri-Rolla, Rolla, Missouri 65401. All information received will be treated confidentially.

The Humanities in American Life: Report of the Commission on the Humanities will be published in October. The work of a 32-member panel sponsored by the Rockefeller Foundation and chaired by Richard W. Lyman, the report surveys the humanities at every level of education, the system of humanistic research, and patterns of support for the humanities. "Learned societies are fast becoming professional associations," the Commission observes. New technologies for storing and sharing knowledge, the changed fortunes of higher education and the many new responsibilities of humanists in a "learning society" all "promise to stretch the meaning of the word humanist and change the profession. Regulating the pace of that change, making it work for the benefit of education and scholarship in the humanities," the report states, is a task that the learned societies must share. The Humanities in American Life ($12.50 cloth, $3.50 paper) is published by the University of California Press, 2223 Fulton Street, Berkeley, CA 94720.

The Women's Network in Science and Technology (WNST) is a long-range project funded by the National Science Foundation to explore careers for women in science and technology, and to build a regional network for women in those fields in Minnesota and parts of Wisconsin, Iowa, North Dakota, and South Dakota. The project includes a center at the University of Minnesota. For further information, contact: Women's Network in Science and Technology, 306 Walter Library, University of Minnesota, Minneapolis, Minnesota 55455.

The History Division of the American Chemical Society and the Dexter Chemical Corporation wish to solicit nominations from the international community of scholars for the 1981 Dexter Award. The Award, which honors outstanding accomplishment in the History of Chemistry, consists of $1,000 and an engraved plaque. It will be conveyed at the fall meeting of the American Chemical Society. The nomination should consist of a cover letter containing an assessment of the contributions of the nominee to the field, vita and bibliography of publications. Copies of no more than three select publications may also be included if available. The documents should be forwarded to: Dr. Natalie Foster, Sec'y-Treas., History Division, Dept. of Chemistry, Mudd Bldg., #5, Lehigh University, Bethlehem, PA 18015. Please submit nominations by January 1, 1981.

AWARDS AND HONORS

David E. Leary, of the Department of Psychology at the University of New Hampshire, has been awarded a National Science Foundation grant for 1980-1982 in support of a book-length project on "The Development of Modern Psychology in Germany, 1780-1880."

Ernst Mayr received an honorary doctorate from Harvard University in June 1980. He also accepted a three-month senior fellowship for continuing research in the history of biology from the Alexander von Humboldt Foundation (Bonn).

Dr. John Parascandola, Professor of the History of Pharmacy at the University of Wisconsin and Director of the American Institute of the History of Pharmacy has received the Edward Kramers Award for his work on "Female health instruction and duties in Boston during the 19th and early 20th centuries."

National Science Foundation, History and Philosophy of Science grants, has announced the following additional grants for fiscal year 1980: Garland E. Allen (Washington University), "The History of Genetics and Eugenics"; Herbert S. Bailey (Princeton University Press), "Organization of the Einstein Archive"; Frederick Burkhardt (ACLS), "Edition of the Correspondence of Charles Darwin"; Michael J.

FELLOWSHIPS AND GRANTS


Opportunities to attend a summer seminar or to teach abroad will be available under the Fulbright-Hays Act for the 1981-82 year. Elementary and secondary school teachers, college instructors and assistant professors are eligible to participate in the teacher exchange program. Basic requirements are: U.S. citizenship, a bachelor's degree, three years of teaching experience for one-year positions, and two years of experience for seminars. As most of the positions are on an interchange basis, applicants must be employed currently. Seminars for current teachers of the classics, German, Italian, and world, Asian or Middle Eastern History and area studies will be held in 1981. Seminars also will be held for social studies supervisors, curriculum directors, teacher educators, and school administrators responsible for curriculum development. Application should be made by November 1, 1980. A brochure and application form may be obtained in September by writing to: Teacher Exchange Section, Division of International Education, U.S. Department of Education, Washington, D.C. 20202.

Andrew W. Mellon Faculty Fellowships in the Humanities at Harvard University are for non-tenured, experienced junior scholars who have completed, at the time of appointment, at least two years of post-doctoral teaching as college or university faculty in the humanities—usually as assistant professors. Ph.D. required, and must have been received prior to June 30, 1979. One-year appointment, July 1981 to June 1982, with limited teaching duties, departmental affiliation, opportunity to develop scholarly research. Annual salary $17,000. Applications are due November 3, 1980. For particulars and application procedures write to: Dr. Richard W. Hunt, Program Director, Harvard University Mellon Faculty Fellowships, Lamont Library 202, Cambridge, MA 02138.

The Woodrow Wilson International Center for Scholars seeks to commemorate through its residential fellowship program for advanced research and communication both the scholarly death and the public concern of Woodrow Wilson. The Center welcomes outstanding project proposals representing a wide diversity of scholarly interests and approaches from individuals throughout the world. The Center's fellowships are awarded in one broadly defined division—History, Culture, and Society—and five more focused categories of study: American Society and Culture; the Foreign Policy and International Security Studies Program; the East Asia Program; the Latin American Program; and the International Security Studies Program. For academic participants, eligibility is limited to the postdoctoral level; for participants from other backgrounds, an equivalent degree of maturity and professional achievement is expected. Fellows are expected to devote their full time to research and writing. A fellowship normally lasts from four months to a year. Within certain limits established by the board of trustees, the Center seeks to enable each fellow to meet, but not to exceed, his or her income rate for the preceding year. The Center holds one round of competitive selection per year. Deadline for receipt of applications is October 1. For information and application materials contact The Wilson Center, Smithsonian Institution Building, Room 321, Washington, DC 20560. (202) 357-2841.

The Department of the History of Medicine at the University of Wisconsin-Madison offers Maurice L. and Mildred Madison Fellowships for graduate and postdoctoral study in the history of medicine. These awards, ranging from $500 to $4,800 per academic year, are open to qualified students combining the history of science and medicine, as well as to those specializing in the history of medicine. The deadline for applications is April 1, 1981. For further information, write to Department of the History of Medicine, University of Wisconsin, 1305 Linden Drive, Room 318, Madison, Wisconsin 53706.


Institute for Studies in Pragmatism, Studies in Peirce's Semiotic: A Symposium by Members of the Institute for Studies in Pragmatism. vi + 190 pp., illus., index. London, Texas: Institute for Studies in Pragmatism, 1979. $10.00 (cloth); $8.00 (paper).


Karl G. Lark, The Mystery of DNA Replication. 31 pp., illus., bibl. Salt Lake City: University of Utah Press, 1980. $4.00.


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

Herbert Maschowsky, Problemgeschichte der Mathematik I. 206 pp., illus., bibl. Mannheim/Wien/Zurich: Bibliographisches Institut, 1979. DM 32.


Nicoletta Morello, La Macchina della Terra: Teorie Geologiche dal Seicento all'Ottocento. 231 pp., illus., bibl. Torino, Italy: Loescher Editore, 1979.


Richard H. Popkin, The History of Scepticism From Erasmus to Spinoza. xxii + 333 pp., bibl., index. Berkeley/Los Angeles/London: University of California Press, 1979. $5.95 (paper).


Nicholas Rescher, Unpopular Essays on Theological Progress. x + 122 pp., figs., bibl., index. Pittsburgh, PA: University of Pittsburgh Press, 1980. $8.95.


Continued on page 12.


Roy Bhaskar. The Possibility of Naturalism: A Philosophical Critique of the Contemporary Human Sciences. ix + 228 pp., bibl., indexes. Hassocks, Sussex: Harvester Press; Atlantic Highlands, N.J.: Humanities Press, 1979. $26.75 (cloth); $11.25 (paper).


Peter Buck. American Science and Modern China, 1876-1936. ix + 283 pp., illus., tables, bibl., index. Cambridge: Cambridge University Press, 1980. $24.95.


A. Rupert Hall. Philosophers at War: The Quarrel Between Newton and Leibniz. xii + 338 pp., app., bibl., index. Cambridge: Cambridge University Press, 1980. $24.95.


Fred Hoyle and Chandra Wickramasinghe. Diseases from Space. 196 pp., figs., tables, apps., bibl., index. New York: Harper + Row, 1979. $11.95.


Waterloo, Ontario: Wilfrid Laurier University Press, 1980. $5.75 (paper).


Thomas Hardy Leahey. A History of Psychology: Main Currents in Psychological Thought. xii + 431 pp., figs., bibl., index. Englewood Cliffs, N.J.: Prentice-Hall, 1980. $17.95.


Herbert Mehrtens and Steffen Richter. Naturwissenschaft Technik und NS-Ideologie: Beiträge zur Wissenschaftsgeschichte des Dritten Reiches. (Suhrkamp Taschenbuch Wissenschaft, 303.) 289 pp., illus., bibl., index. Frankfurt am Main: Suhrkamp, 1980.


Stephen Nissenbaum. Sex, Diet, and Deblity in Jacksonian America: Sylvester Graham and Health Reform. (Contributions in Medical History, 4.) xvii + 198 pp., bibl., index. Westport, Conn./London: Greenwood Press, 1980. $22.95.


Emilio Segré. From X-rays to Quarks: Modern Physicists and Their Discoveries. (translation of Personaggi e scoperte nella fisica contemporanea.) ix + 337 pp., illus., apps., bibl., indexes. San Francisco: W.H. Freeman, 1980. $20 (cibp); $9.95 (paper).


Martin Schwarzbach. Alfred Wegener und die Drift der Kontinenten. (Grose Naturforacher, 42.) 160 pp., illus., bibls., indexes. Stuttgart: Wissenschaftliche Verlagsgesellschaft, 1980. DM 29.---


Gilbert Lawes Turner. Antigue Scientific Instruments. 166 pp., illus., 69 color plates, bibl., index. Poole, Dorset: Blandford Press, 1980. $12.95 (cloth); $6.95 (paper).


March-May 1980, continued from page 8.


Vivian B. Whitehead (comp.), *A List of References for the History of Agricultural Technology.* vii + 76 pp., index. Davis, California: Agricultural History Center, University of California, 1979.


**MUSEUM EXHIBITS**

National Museum of History and Technology, Smithsonian Institution

"Clockwork Universe" opens 7 November 1980 and continues through 15 February 1981; it is currently on view at the Bayerisches Nationalmuseum, Munich, West Germany. Artistic and technological masterpieces from the golden age of German clockmaking are included in this international exhibition of 120 of the finest German clocks, automata (or animated figures) and mechanical globes from the late Renaissance. The Exhibit Designer is Constantine Raitzky, and the organizers are Dr. Otto Mayr, curator of mechanisms at the National Museum of History and Technology, with Dr. Klaus Maurice, chief curator at the Bayerisches Nationalmuseum. They were assisted by Carlene Stephens, museum specialist, Division of Conservation. A 330-page illustrated "Book of the Exhibition" with 14 essays will be published in both German and English editions.

"Western Views and Eastern Visions" opened at the MTT, SI on 31 July and will close on 31 January 1981. This exhibition showcases the photographers and artists who shaped images of the American wilderness. The 170 photographs and 15 paintings and drawings reflect the earliest efforts accurately to portray the landscape by the explorer artists who accompanied surveyors and scientists on early expeditions to uncharted American territories. Eugene Ostroff, curator of photography at the National Museum of History and Technology, conceived and organized the exhibition for the Smithsonian Institution Traveling Exhibition Service (SITES) with the cooperation of the United States Geological Survey. Designer of the exhibition is Nadya Makovenyi of the Museum of History and Technology staff. She was assisted by the Museum's exhibition production staff. An illustrated catalogue of the exhibition will be published in January 1981.

**DISSERTATIONS**

University of California, Berkeley

Elspeth N. Lochhead, *"The Emergence of Academic Geography in Britain in its Historical Context."* Completed June 1980.

Mary E. Novitaki, *"Auguste Laurent and the Pre-history of Valence."* Completed June 1980.

University of Illinois at Urbana-Champaign

Marguerite Carozzi, *"Voltaire's Attitude toward Geology"* (in progress).

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APPOINTMENTS AND PROMOTIONS

James M. Affolter of the University of Michigan has received the 1980 Lawrence Memorial Award, established at the Hunt Institute for Botanical Documentation, Carnegie-Mellon University to commemorate the life and achievements of Dr. George H.M. Lawrence, founding Director of the Institute.

David Cahan has been appointed Harper Instructor at The University of Chicago, Collegiate Division of the Social Sciences.

Gerald Geison has succeeded Charles C. Gillispie as Director of the Program in History and Philosophy of Science in Princeton University. Professor Gillispie has been appointed Directeur d'Études Associé in the École des Hautes Études en Sciences Sociales in Paris for the academic year 1980-81 and the spring semester of the year 1981-82. He will offer a seminar "Science et politique en France (1770-1830)," and will return to Princeton for the fall semester, 1981-82. In the fall semester 1980-81, Michael Mulkey of the University of York will be a visiting professor in the Program at Princeton.

A. Rupert Hall and Marie Boas Hall, respectively Head of department and Reader in the history of science, will retire from the Department of History of Science and Technology, Imperial College, at the end of the present academic year. They have held these posts since 1963.

Brooke Hindle has been nominated as president of the Society for the History of Technology, term expiring December 31, 1982.

Robert S. Westman has been promoted to the rank of Full Professor in the Department of History, University of California at Los Angeles, effective July 1, 1980.

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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 listings of available positions.

Except as noted, the positions listed 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. Illinois Institute of Technology, Chicago, Illinois.

Description: Associate or Assistant Professor, with strong demonstrated research and teaching interests in history of modern technology. PhD required. This is a tenure-track appointment. The closing date for applications is 15 November 1980. EOE/AA.

Contact: Professor W. Applebaum, Chairman, Search Committee, Department of Humanities, Illinois Institute of Technology, Chicago, IL 60616.

Professor Applebaum will be available in the Park Plaza Hotel at times to be posted to interview candidates at the Toronto meeting.

2. Howard Dittrick Museum of Historical Medicine, Cleveland, Ohio.

Description: Associate Curator, responsible for processing, care, use and exhibition of collections and for education program. Must be willing to assist with variety of operational tasks necessary in small museum. Background in the history of science, history of technology, or history of medicine with, or near, Ph.D. desirable. Should be able to do research and teaching in history of medical technology and supervise student practica in museum studies.

Contact: Patsy Gerstner, Chief Curator, Howard Dittrick Museum, 11000 Euclid Avenue, Cleveland, Ohio 44106.


Description: The Committee on the History and Philosophy of Science anticipates appointing a historian of science to a one-year sabbatical replacement position as Visiting Fellow/Assistant Professor, beginning 1 July 1981. The Committee seeks a candidate with a Ph.D. and a special interest in the history of technology, science and public policy, or other area that can be related to the interests of a broad range of students and faculty. Responsibilities include teaching two courses each semester (including a two-semester survey) and working with an established interdisciplinary group of faculty members in the development of their interests in the history of science. A modest fund is available to support the work of this group and the ongoing research or professional activity of the appointee. Salary is competitive, depending on experience and qualifications. EOE.

Contact: Dr. R.D.K. Thomas, Committee on the History and Philosophy of Science, Franklin and Marshall College, P.O. Box 3003, Lancaster, PA 17604.

At the 1980 HSS Annual Meeting, more information can be obtained from Dr. Leslie J. Burlingame.

4. Center for Photographic Images of Medicine and Health Care, State University of New York, Stony Brook, New York.

Description: Social historian with interest and experience in the history of medicine and has some knowledge of the history of art or photography and of the use of visual sources by historians. Salary is comparable to that of an Assistant Professor and the appointment is expected to continue for two years. Although the photographic collection of the Center will be housed at Stony Brook, the staff member may be based at either Stony Brook, the University of
Michigan or the University of Wisconsin. Tasks include completing the assessment of photographic resources of major historical and medical collections, documenting the origin and purpose of the slides selected for the Center's collection, arranging slides for possible inclusion in slide sets, developing and working with the Committee to select authors and consultants to develop slide sets, preparing slide sets in the staff member's areas of expertise, and performing research and writing tasks connected with the goals of the Center. Deadline is Feb. 1, 1981.

Contact: Professor Guenter Risse, Department of the History of Medicine, University of Wisconsin, 1305 Linden Drive, Madison, WI 53706.


Description: Editorial Assistant to take responsibility for the day by day administration of the Book Review section of Isis. The Editorial Assistant also helps the Editor and his associates keep abreast of developments in the history of science and participates in every aspect of the work of the journal. The assistant must be an accepted candidate in the Ph.D. program in the History and Sociology of Science at the University of Pennsylvania. Previous experience in the history of science or in editorial work is preferred though not required. The stipend currently is $5400 plus tuition. The assistantship is a one-year, half-time position that begins 1 July 1981. It is hoped that in the second year the Editorial Assistant will succeed to the position of Editorial Coordinator (also half-time), for which the stipend is currently $6000. The Editorial Coordinator plays a major role in the production of Isis and in promotion, distribution and back issue sales. Candidates should first submit a letter outlining their academic experience and indicating the relevance of Isis and the assistantship to their graduate work and future plans. The closing date is 1 February 1981.

Contact: Arnold Thackray, Isis, University of Pennsylvania, 215 South 34th Street/D6, Philadelphia, PA 19104.

6. The Johns Hopkins University, Baltimore.

(repeat from July Newsletter)

Description: The History of Science Department seeks to appoint an historian of biology beginning 1 July 1981. The position is a tenure-track, assistant professorship, and will entail teaching at the undergraduate and graduate levels and full participation in departmental activities. Candidates will be expected to give evidence of ability to make significant scholarly contributions to their area of research. The Department especially seeks candidates with interests in late 19th and 20th century biology, but applicants in all areas of the biological sciences are encouraged to apply. Ph.D. required. Salary dependent on experience and qualifications. EOE/AA.

Contact: Professor Owen Hannaway, Department of History of Science, Johns Hopkins University, Baltimore, Maryland 21238.

7. The Johns Hopkins University, Baltimore.

(repeat from July Newsletter)

Description: The Johns Hopkins University seeks to expand its interest in the history of science-based technology by appointing a Mellon Scholar in the History of Science Department, beginning 1 July 1981. The position is renewable for up to three years upon mutual agreement and carries an annual salary of $14,000. The successful applicant will be expected to pursue his/her own research, participate in the customary academic activities of a major graduate program and be prepared to offer an undergraduate course in the history of technology for arts and sciences, as well as engineering majors. Applications from candidates with interests in all appropriate areas are welcome, but the University particularly wishes to encourage those concerned with late 19th and early 20th century science/technology. Ph.D. by June 1981 is required. EOE/AA.

Contact: Dean Sigmund R. Suskind, Faculty of Arts and Sciences, The Johns Hopkins University, Baltimore, Maryland 21238.


Description: One-year position, contingent upon funding, as Researcher beginning 1 January 1981. The Researcher will develop the content for an exhibit based on the major scientific/technological developments in the past 50 years and their social impact. Candidates should have a background in both the sciences and humanities and hold a Ph.D. or ABD. Salary will be commensurate with experience. EOE.

Contact: Dr. David A. Ucko, Research Coordinator, Museum of Science and Industry, 57th Street and Lake Shore Drive, Chicago, Illinois 60637.

Dr. Ucko will interview candidates at the HSS meeting in Toronto if the position is funded. He will be at the Park Plaza Hotel. Room number and hours will be posted.

(This job was also listed in our August 1980 Job Supplement issue).

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QUERY

Lyv Ann T. Shore is preparing a hand-list of medieval (to 1500 A.D.) manuscripts containing astronomical/astrological texts in French. Persons with knowledge of such materials should contact her at 2419 Overlook Road, Apt. 15, Cleveland Heights, Ohio 44106.

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ANNOUNCEMENT

The Institute for Research in History, a non-profit group located in New York City, helps historians continue scholarly work even though they lack teaching positions. The four-year old Institute is an independent community of scholars who participate in research-group meetings, which focus on such areas as intellectual history, the labor movement and women's history. Members also contribute to Trends in History, the Institute's quarterly journal. The Executive Director is Marjorie Lightman. The Institute may be contacted by call (212) 921-7010.
HSS MEMBERSHIP

The following persons have joined, or rejoined the Society in the past six months. This list can serve as a supplement to the membership Directory.


DAGRES, John. Department of History, University of Illinois, Urbana, IL 61801.

KANKAANPAA, Jari. Paraistentie 17 A 13, SF-00280, Helsinki 28, Finland.

LEWIS, John D. c/o Geological Survey of WA 66 Adelaide Terrace, Perth 6000, West Australia.

LLOYD, Elizabeth A. The Graduate College, Princeton, New Jersey 08544.

LOW, Dr. Reinhard. Bahnhofstrasse 15, D 8015 Markt Schwaben, West Germany.

MORLEY, Jane. 414 S. Pittsboro Street, Chapel Hill, North Carolina 27514.

PHILLIPS, Mona. 3140 Warrington Road, Shaker Heights, Ohio 44106.

RABAVILAS, Konst. 2 Messologiou Street, Patrai, Greece.

SARRIE, Dr. Awni. 2020 Hickory Road, Birmingham, Alabama 35216.

SCHONE, John E. 5060 Harbourview Drive, Boise, Idaho 83703.

SEVERTSON, R. B. Magdalen College, Box 1, Oxford, England OX 1 4AU.

STRAUSS, Linda M. 4784 Hawley Blvd., San Diego, California 92116.


TRESCOTT, Martha M. 305 S. McCullough, Urbana, Illinois 61801.

TRUMAN, John T. M.D. Ipswich Road, Boxford, Massachusetts 01921.

WYEANT, Prof. Robert G. University of California, Fac. Soc. Science, Department of Psychology, 2500 University, NW, Calgary, AB T2N 1N4, Canada.

WILHELM, Edmund. 212 Highland Road, Lansing, Kansas 66043.


WREDEN, William P. P.O. Box 56, Palo Alto, California 94302.

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ISIS: NEWS OF FORTHCOMING BOOKS

The Editor is anxious to improve the speed and quality of the Book Review section of Isis. Editor, author, reader: all are best served by prompt and authoritative reviewing. To that end, it is of the greatest help to have advance intelligence of forthcoming books that should be reviewed. As authors potential reviewers, readers, critics, "invisible college" members, conference participants, referees, gossips and grapevine tenders, the members of the Society (YOU) are more widely informed than the editorial team can ever hope to be about work in progress. What we need to know is not necessarily the date of publication, or even the publisher -- though both are valuable. Rather, we need to know NOW what works are in press. Please fill in and return the slip below to: Book Reviews, Isis, Smith Hall/D6, University of Pennsylvania, 215 South 34th Street, Philadelphia, PA 19104, U.S.A.

FORTHCOMING BOOKS IN MY FIELD

Author ___ Title ___ Publication date and publisher (if known) ___ Suggested reviewers ___

If you have additional books to suggest for review, please use the above format.
Syracuse University
Professor Sally Gregory Kohlstedt
Department of History
Maxwell School
Syracuse, New York 13210

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