The Newsletter of the History of Science Society is published in February, May, August, and November, with supplements as necessary containing job information. Regular issues are sent free to individual members. Supplements are sent automatically to about ninety History of Science Departments and individuals, and will be sent to others on request. Non-members may subscribe to the Newsletter for $5.00 per year.

Please send all news items, written as concisely as possible to the Secretary of the Society, Dr. Roger H. Stuewer, School of Physics and Astronomy, University of Minnesota, Minneapolis, Minnesota 55455. The deadline for receipt of news for the November issue is October 20, and THIS WILL BE THE ONLY CALL FOR NEWS THAT WILL BE ISSUED.

1975 ANNUAL MEETING OF THE HSS IN ATLANTA, GEORGIA (DECEMBER 28-30)

The HSS will hold its 1975 Annual Meeting with the American Historical Association in Atlanta, Georgia, December 28-30. The Chairman of the Program Committee is Professor Michael R. McVaugh, Department of History, University of North Carolina, Chapel Hill, North Carolina 27514. The Local Arrangements Chairman is Professor Robert H. Silliman, Department of History, Emory University, Atlanta, Georgia 30322. Professor McVaugh reports that a tentative list of titles for the program sessions is as follows: (1) Marxist Historiography of Science; (2) Natural History in the Early Nineteenth Century; (3) Studies in the History of Mathematics; (4) Twentieth-Century Physics and its Social Context; (5) Aspects of Astronomy in the Americas; (6) Philosophy and Natural Philosophy: The Dynamics of Scientific Change 1650-1790; (7) The Scientific Periphery; (8) Popular Science in Victorian England; (9) Seventeenth-Century Physics; (10) History of Science, Technology, and Medicine in the South; (11) Roundtable Discussion: What role can the history of technology play in teaching the history of science? (12) Analogy versus Identity in the Historical Study of Values (jointly with AHA); and (13) Work-in-progress sessions.

1976 ANNUAL MEETING OF THE HSS IN PHILADELPHIA (DECEMBER 28-30)

The HSS will hold its 1976 Annual Meeting together with the Society for the History To promote the work of the History of Science Society by helping to establish a permanent endowment fund, I pledge $_________ to the HSS Endowment Fund, to be paid during the years 1974-1976 as follows:

$_________ per annum 1974-1976

$_________ herewith enclosed

(Make checks payable to History of Science Society - Endowment Fund.)
of Technology (SHOT) in Philadelphia, December 28-30. The Chairman of the Program Committee is Professor Alan E. Shapiro, School of Physics and Astronomy, University of Minnesota, Minneapolis, Minnesota 55455. The Chairman of the Local Arrangements Committee is Professor Robert E. Kohler, Jr., Department of History and Sociology of Science, University of Pennsylvania, Philadelphia, Pennsylvania 19174. This meeting represents the first joint meeting of the HSS and SHOT, and program suggestions should be sent to Professor Shapiro as soon as possible.

HSS RECEIVES NEH GRANT FOR BICENTENNIAL PROGRAM AT 1976 MEETING OF THE AAAS IN BOSTON (FEBRUARY 18-24)

The HSS has received a grant of up to $2,335 in partial support of a special Bicentennial Program to be presented at the 1976 Annual and Bicentennial Meeting of the American Association for the Advancement of Science (AAAS) in Boston, February 18-24. This program is being organized by Dr. Nathan Reingold, Smithsonian Institution, Washington, D.C. 20560, under the title, "The Sciences in America: A Bicentennial Retrospective." A tentative list of sessions and speakers is as follows: (1) The Virgin Land as a Source of Research; (2) How Americans Reacted to European Science—to 1850 (Bruce Sinclair); (3) Public Policy and Popular Attitudes to Science, 1820-1870 (Robert Post); (4) The Observatory Movement, 1820-1880; (5) The World of the Inventor—to 1880 (Monte Calvert); (6) Natural History as a Research Tradition, 1820-1880 (Michele Aldrich); (7) The Professoriate: Science Finds a Home in Academe, 1830-1900 (Stanley Guralnick); (8) Earth Sciences after Darwin (Steve Pyne); (9) Reform and Rationality, the Sciences of Man (Michael Sokal); (10) Classical Genetics, the American School (Garland Allen); (11) The Industrial Research Laboratory (Kenneth Birr); (12) Conservation and the Research Impulse; (13) Academic Biology: Relation to Agriculture and Medicine (Charles Rosenberg); (14) The World War I Scientific Mobilization (Alice Quinlan); (15) Foundations as Patrons of Research (Howard S. Miller); (16) Physics Between the Two World Wars; (17) The American Community of Mathematicians; (18) The World War II Scientific Mobilization; (19) The University as Home of Science, 1945 to date; (20) The Military Patron, since 1945 (A. Hunter Dupree); and (21) Popular Attitudes Towards Science, since 1945 (Carroll Pursell).

HSS COMMITTEE ON PROGRAMS

A HSS Committee on Programs has been formed to make recommendations concerning the procedure for organizing the annual program, the establishment of its format and content, and the methods for improving its quality. It will not consider the question of time and location of meetings. The Chairman of the Committee is Dr. Michael J. Crowe, Program in History and Philosophy of Science, University of Notre Dame, Notre Dame, Indiana 46556, and the other members are Drs. Frederick B. Churchill, Allen G. Debus, and June Z. Fullmer. The Committee invites members of the HSS to send their views on this subject to Dr. Crowe.

HSS COMMITTEE ON HISTORY OF SCIENCE IN THE HIGH SCHOOLS

A HSS Committee on History of Science in the High Schools is being formed to address this important question. The Chairman of the Committee is Dr. Paul D. Sherman, Harrison Junior-Senior High School and Pace University, New York, New York 10038. Members of the HSS are invited to contribute their ideas or suggestions to Dr. Sherman.

Professor John G. Burke, Treasurer
History of Science Society
Department of History
University of California at Los Angeles
Los Angeles, California 90024
A HSS Committee on Employment Problems and Opportunities is being formed. The Chairman of the Committee is Dr. Harold L. Burstyn, The William Paterson College, Wayne, New Jersey 07470. Members of the HSS are invited to contribute their ideas or suggestions to Dr. Burstyn.

A HSS Committee on Research Activity and Support has been appointed. The Chairman of the Committee is Dr. William Wallace, School of Philosophy, Catholic University of America, Washington, D.C. 20017, and the other members are Drs. Theodore M. Brown, Robert P. Multhauf, Roger H. Stuewer, and Arnold Thackray. The Committee urgently needs information on the sources of research support received by members of the HSS, and the publications resulting from this support. Members are therefore requested to send the following information to Dr. Wallace as soon as possible: (1) Member's name and institutional affiliation; (2) Itemized list of research grants received during the years 1970-1975, including title of project and source of support for each grant; and (3) Itemized list of publications resulting wholly or in part from above research support, including publications in press or accepted for publication. The Committee requires this information for a report it is preparing, and greatly appreciates the cooperation of the members of the HSS in its work.

Dr. Ronald J. Overmann, Assistant Program Director, History and Philosophy of Science, National Science Foundation, Washington, D.C. 20550, has announced that the members of the NSF History and Philosophy of Science Advisory Panel for the 1975-1976 academic year will be Arthur Fine (University of Illinois, Chicago Circle), Charles Gillispie (Princeton University), Ian Hacking (Stanford University), Thomas Hughes (University of Pennsylvania), Jane Oppenheimer (Bryn Mawr College), and William Wallace (Catholic University of America).

At the request of the National Science Foundation, a memorandum entitled "NSF Research Support for the History of Science: Retrospect and Prospect" was submitted by Dr. John C. Greene, President of the HSS, on June 15, 1975. The memorandum reviewed NSF support for history of science and its importance in the development of the discipline during the past twenty years. It concluded with the following recommendations for the future:

"1. It is important that NSF continue to support research on the development of the various sciences in all the historical epochs and cultural areas where these developments have taken place. The integrity of the history of science discipline requires this; proper balance and perspective in modern science and science policy require it equally. As in the past, support should be given not only to projects of recognized scholars but also to those of younger scholars who show promise of good work. These projects should not be expected to yield an immediate 'pay-off' in terms of public appreciation of the results achieved.

"2. Graduate traineeships and other grants that foster the development of strong research and teaching programs in a wide variety of academic institutions are essential to the maintenance and expansion of research in the history of science. Deserving scholars should be funded when possible regardless of their institutional connections, but careful attention should also be given to the development of first-class programs of research and training.

"3. The powerful impetus given to research on the history of twentieth century physics by NSF support of the "Sources for the History of Quantum Physics" project and the Center for the History of Physics suggests that similar projects in the history of other fields of science should be considered. For example, twentieth century science has been characterized by the development of interdisciplinary sciences such as the atmospheric sciences, biophysics,
bio-engineering, etc. In order to gain an understanding of this phenomenon, a project to gather the relevant historical materials from scientists, engineers, etc. and bring them together in a place accessible to scholars might be funded by NSF. The very existence of such a collection would certainly stimulate research in this important field of inquiry.

"4. The growing interpenetration of science and technology in the twentieth century suggests the need for historical studies of the changing interface of science and technology and for research involving collaboration between historians of science and historians of technology, medicine, etc. A conference on the relations of science and the practical arts in the twentieth century might help to stimulate research in this direction.

"5. The growing interaction of science, technology, education, business, government, and the military in modern society suggests the need for further research in the 'science and society' category. Here again, interdisciplinary collaboration between historians of science, historians of technology, historians of education and business, political scientists, sociologists of science, etc. seems requisite. Collective biography, or 'prosopography,' is a useful approach in this field of research.

"6. In view of the increasing importance of American science in world science and of the ever-increasing impact of science and its applications on American society, it would seem that the NSF support for research in the history of American science should be continued, with increased emphasis on developments since 1870.

"7. Since public attitudes toward science are of crucial importance to the national scientific effort, some encouragement might be given to the history of popular science and of changing attitudes toward science among scientists, intellectuals generally, politicians, educators, business men, and the general public.

"8. In view of the current importance of science policy among the governments of the world, historical studies of the development of public policies toward science in various nations would be extremely useful.

"9. Since the dissemination of the results of research is of vital importance, NSF might consider making grants in support of the writing of books and articles designed to convey and interpret the results of research in the history of science to the scientific community and to the general public. These grants might not involve substantial new research but would supply the released time necessary to cast the results of research in a form that would give them maximum utility and currency. Work on such a book might be combined with teaching one related undergraduate course as a Visiting Professor at a college or university under NSF sponsorship."

Dr. Ronald J. Overmann, Assistant Program Director, History and Philosophy of Science, National Science Foundation, Washington, D.C. 20550, responded in part to these recommendations in a letter of July 15, 1975, to Dr. Greene, as follows:

"I agree with your first recommendation that NSF should continue to support research on the development of the various sciences in all historical epochs and cultural areas where these developments have taken place. The other recommendations are certainly areas which the program would like to support research. Some may even have particular relevance for policy issues. The history and philosophy of science has much to contribute to the formulation of policy for science, but traditionally has not promoted research which does directly contribute to policy discussions. The HPS program should not be devoted only to research which has policy impact, but it should not shy away from it either. It is important for the Foundation to have input from historians and philosophers in the following areas. I hope scholars competent to undertake research in these areas will submit proposals to the program. If anyone has any questions or suggestions about these problems I hope they will feel free to contact me.

"1) The interface of science and technology. This is an area for research by historians and philosophers of science and technology. What are needed are studies which
will help to define the areas of science and technology, will delineate their interactions and trace the changes which have taken place in the past.

"2) Developing public attitudes toward science and technology. Historians of science and technology can help to trace how public attitudes toward science and technology have developed and what the forces are which have brought about changes in the public's views.

"3) History and Philosophy of Social Sciences. Such questions as the nature of social science, how it differs from the natural sciences, what impedes its progress, what the nature of evidence is in the social sciences, what the nature of progress is (if there is any?) in social sciences are all areas on which research by historians and philosophers have much to contribute.

"4) The philosophy of biomedical sciences. Research has progressed quite well in history of biology. Philosophers, however, can contribute to our understanding of the nature of progress in biology and medicine and how it differs from other sciences; what is the effect of special impediments in the path of progress in these areas; what is the meaning of "health"; what is the nature of explanation in medicine; and what is the effect of opting for different statistical theories on choices in therapy and in epidemiology.

"5) Historical Science Indicators. In cooperation with the Science Policy Research Program, historians of science and technology can develop indicators of the development of past science and technology in order to provide a background against which current science and technology can be measured.

"6) Retrospective technology assessment. Current plans in the applied research directorate are to phase this program out. HPS is emphasizing studies of the impacts of technology (and science) on society and de-emphasizing the development and testing of various intricate techniques of technology assessment.

"In addition to these areas of interest in the History and Philosophy of Science Program, the Science Policy Research Program of NSF is interested in promoting research on science citations and on the journal review system and other evaluation systems analogous to the peer review system. Historians and philosophers may have projects which can address problems in these areas. Another area of interest in this program is the demography and political economy of science and technology.

"Inquiries on either program can be addressed to me....

"There are no deadlines for the Science Policy Programs. However, for the History and Philosophy of Science it is helpful to meet the following deadlines: 1) For research beginning in January or February, proposals should arrive at the Foundation no later than Sept. 1. 2) For research beginning in the summer, proposals should be at the Foundation no later than Jan. 1. 3) For research beginning in late August or September, proposals should arrive by April 1. For conference proposals, the proposal should arrive at least a year before the proposed date of the conference.

"I will be at the meeting of the History of Science Society in December and the meeting of the Society for the History of Technology in October if anyone would want to discuss any of these matters with me....

"I hope this information is useful to you. Any comments or criticisms are most welcome."

ACLS STUDY FELLOWSHIPS

The American Council of Learned Societies (ACLS) has requested that a special announcement be run in the HSS Newsletter to alert HSS members to the ACLS Study Fellowship program. The following is quoted from the ACLS brochure, "Aids to Individual Scholars":

"Study Fellowships are designed to assist young scholars in the humanities to enlarge
their range of knowledge by study inside or outside the humanities in disciplines other than their present specialization which normally employ a different methodology. Social and natural scientists who wish to study a humanistic discipline are also invited to apply. Grants will not be made to scholars who wish even in part to pursue basic research.

"In the selection of Study Fellows, emphasis will be placed upon the proposed program of study as it promises to broaden and enrich demonstrated scholarly and pedagogical competence. In requesting forms, applicants should provide information on (1) their scholarly achievement as evidenced by publications, (2) the appropriateness of their selected place of study, and (3) what use they will make of their newly acquired discipline or methodology in their prior field of specialization.

"Recipients will be expected to take advantage of specific educational opportunities, and the Committee will favor applicants who wish to study within a structured program or under appropriate senior professors. Fellowships are intended for use at American institutions, but study at a uniquely appropriate foreign institution may be permitted.

"Although no absolute age limit is imposed, it is expected that Study Fellows will normally be under 36 years of age and will have taught for two or three years since acquiring the doctorate.

"Stipends will not exceed $12,000. Fellows must be able to devote a minimum of six continuous months (up to a maximum of twelve) to full-time work on their proposals. At the time of applying, applicants will be asked to define a precise period of study between July 1, 1976, and December 31, 1977.

"The deadline for receipt of applications is November 15, 1975. Awards will be announced within four months after the deadline."

Further information on this and other fellowship programs may be obtained by writing the ACLS, 345 East 46th Street, New York, New York 10017.

UNIVERSITY OF TEXAS BICENTENNIAL FELLOWSHIPS IN THE HISTORY AND PHILOSOPHY OF MENTAL HEALTH

With the support of a grant from the Hogg Foundation for Mental Health, the Institute for the Medical Humanities at the University of Texas Medical Branch at Galveston is pleased to announce the availability of fellowships in the history and philosophy of mental health. The fellowship period will extend from July 1, 1976, through June 30, 1978. These fellowships will enable one or more persons to spend varying periods of time studying at the Institute for the Medical Humanities in Galveston. Fellows will be selected according to their demonstrated commitment to serious scholarly endeavor in the history and philosophy of mental health. Fellows may be graduate students in history, philosophy, or one of the behavioral sciences; persons who have just completed degrees in these or related areas; residents in clinical psychology training programs or residents in psychiatry; faculty members of university or medical school departments; or administrators in institutions providing mental health care. These fellowships would be highly appropriate for persons on sabbatical leave. Remuneration will depend upon qualifications of the applicant. The total amount in a given year cannot exceed $12,000. Supplementary funds for supplies and for research-related travel are also available. Fellows are encouraged to seek supplementary funds through other fellowship agencies. For the 1976-1977 Fellowships, completed forms must be received by February 1, 1976. Applicants will be notified by April 1, 1976. For the 1977-1978 Fellowships, completed forms must be received by February 1, 1977. Applicants will be notified by April 1, 1977. The co-directors for the fellowship program are Chester R. Burns, M.D., Ph.D., the Institute's Associate Director and James Wade Rockwell Associate Professor of the History of Medicine, and H. Tristram Engelhardt, Jr., M.D., Ph.D., Associate Professor of the Philosophy of Medicine. Application forms should be requested from Dr. Englehardt whose address is Institute for the Medical Humanities, University of Texas Medical Branch, Galveston, Texas 77550.
Dr. Mark M. Kuchment, 1127 Commonwealth Avenue, Apt. 33, Allston, Mass. 02134 (phone 617-783-0086), who recently immigrated to the United States from the Soviet Union, is seeking a position in the history of science in this country. He received his M.S. Degree in physics in 1959 from the University of Odessa, and his Ph.D. Degree in 1972 from the Institute of the History of Science and Engineering of the U.S.S.R. Academy of Sciences. From 1972-1974 he was Associate Professor and Assistant to the Dean in the Department of Advanced Study of Physics for Teachers of Physics in Technical Institutes of the Russian Federation of the U.S.S.R., Moscow Tools Institute. He has taught courses in physics, in the history of Russian and Soviet science and technology, and in the history of European science. He has several publications, which are available on request, on Newtonian cosmology and mathematics. He has a good command of English. His wife is a professional violinist, and they have one child.

10TH MIDDLE ATLANTIC REGIONAL MEETING OF THE AMERICAN CHEMICAL SOCIETY (PHILADELPHIA, FEBRUARY 23-26, 1976)

The 10th Middle Atlantic Regional Meeting (MARM) of the ACS will be held in Philadelphia, February 23-26, 1976. Contributed papers on the history of chemistry—especially those relevant to chemistry in Colonial America—are solicited for the meeting. Abstracts, submitted on the standard ACS forms, must be received before November 1, 1976, by either Dr. Ned D. Heindel (Chairman for History of Chemistry MARM Session), Department of Chemistry, Lehigh University, Bethlehem, Pa. 18015, or Dr. J. R. Williams (Program Chairman for 10th MARM), Department of Chemistry, Temple University, Philadelphia, Pa. 19122.

7TH ANNUAL OHIO STATE UNIVERSITY CONFERENCE ON MEDIEVAL AND RENAISSANCE STUDIES (COLUMBUS, FEBRUARY 27-28, 1976)

The 7th Annual Ohio State University Conference on Medieval and Renaissance Studies, "Science and the Renaissance Imagination," will be held in Columbus, February 27-28, 1976. For more information, write to David Blombach, Conference Coordinator, Center for Medieval and Renaissance Studies, The Ohio State University, 322 Dulles Hall, 230 W. 17th Avenue, Columbus, Ohio 43210.

3RD ANNUAL JOINT ATLANTIC SEMINAR IN THE HISTORY OF THE PHYSICAL SCIENCES (BALTIMORE, MARCH 19-20, 1976)

The 3rd annual Joint Atlantic Seminar in the History of the Physical Sciences will be held at Johns Hopkins University on Friday evening and all day Saturday, March 19-20, 1976. The seminar is designed to promote discussion among graduate students, teachers, and other scholars in the eastern United States and Canada who are concerned with the history of post-Newtonian physics, chemistry, the earth and planetary sciences, and other physical sciences. On Friday evening there will be a discussion of the state of physics at the turn of this century. The discussion will be led by a panel—whose members will include a quantitative historian, a physicist, and a historian of physics—which will comment on the recent work by Paul Forman, John L. Heilbron, and Spencer Weart, Physics circa 1900: Personnel, Funding and Productivity of the Academic Establishments (Princeton University Press, 1975). Saturday morning and early afternoon will be devoted to several contributed talks and one invited talk. The plans are to devote the rest of Saturday afternoon to several concurrent workshops. The purpose of the workshops—each led by one or several persons—is to encourage participation and to explore through directed discussions substantial, well-defined problems in the history of the physical sciences. For information on registration, accommodations and other matters connected with the meeting, write to the Department of History of Science, Johns Hopkins University, Baltimore, Maryland 21218. Graduate students who might be interested in giving a twenty-minute talk or in leading a workshop should write, describing fully the proposed topic, to Professor Russell McCormmach at the above address. Those interested are urged to write as early as possible since only a certain number of talks and workshops can be fitted in.
The Midwest History of Science Society will meet from Thursday evening, March 25 to Saturday lunchtime, March 27, 1976, in the Center for Continuing Education at the University of Notre Dame. Persons wishing further information may write to Professor Michael J. Crowe, Graduate Program in History and Philosophy of Science, University of Notre Dame, Notre Dame, Indiana 46556. Further information as well as a call for papers will be issued later to all members of the Midwest History of Science Society.

ANNUAL MEETING OF THE INTERNATIONAL SOCIETY FOR THE COMPARATIVE STUDY OF CIVILIZATIONS (PHILADELPHIA, APRIL 1-3, 1976)

The next annual meeting of the International Society for the Comparative Study of Civilizations (U.S.) will be held at the University of Pennsylvania in Philadelphia, April 1-3, 1976. Dr. Burkhart Holzner, Program Chairman, announces that special sessions are being organized around the following themes: "Theoretical Alternatives in the Comparative Study of Civilizations," "Pioneers of Civilizational Analysis," "The Conflict of Civilizational Values in the 19th and 20th Centuries," "Public and Private Spheres and Spaces in Civilizational Perspectives," "Cities in Crisis and the Future of Civilizations," "Islam and Civilizational Encounters," and "Comparative Perspectives on the Arts, Literature, and Philosophy." Those wishing to contribute papers are invited to send 2 copies of a one-page abstract to Dr. Benjamin Nelson, President of ISCSC, Graduate Faculty, New School for Social Research, GFC, Room 234, 65 Fifth Avenue, New York, New York 10003. Inquiries concerning membership in the Society should be sent to the Secretary-Treasurer, Dr. Edmund Leites, Department of Philosophy, Queens College, Flushing, New York 11367.

CONFERENCE ON HISTORY OF MEASUREMENT (BUDAPEST, APRIL 27-30, 1976)

The Commission for History of Science and Technology of the Federation of the Technical and Scientific Societies in co-operation with the Complex Commission for the History of Sciences and Technology of the Hungarian Academy of Sciences, the Scientific Society for Measurement Engineering and Automation, the National Office for Measures, and the National Museum for Science and Technology will organize a Conference on Measurement History, "Measurement and Measures in Human Civilization," in Budapest, April 27-30, 1976, to commemorate the 100th Anniversary of the international metric convention and the introduction of the metric system into Hungary. Papers (20 minutes each) may cover not only the last 100 years but also the previous period of development. They may be submitted in the following subjects: (a) History of the various measures; (b) History of the various measurement methods; (c) History of the measuring instruments; (d) History of the institutions and provisions related to measures; and (e) The role of measurement in the history of general culture and economics. They may be read in English, French, Russian, and German. Deadline for submission of paper title and short summary is October 15, 1975. The Organizing Committee will notify contributors of acceptance before the end of November 1975. If accepted, an abstract in English must be submitted not later than January 1, 1976. Participation fee is $60, which covers the price of the Proceedings containing the abstracts of all accepted papers. Correspondence and applications should be directed to MTESZ Technikatörténeti Bizottság, 1055 Budapest, Kossuth Lajos tár 6-8. For further information write to Professor F. Szabadváry, Műszaki Múzeum, 1502 Budapest, P.O.B. 311.

8TH ANNUAL MEETING OF CHEIRON (WASHINGTON, D.C., MAY 28-30, 1976)

The 8th Annual Meeting of Cheiron, The International Society for the History of the Behavioral and Social Sciences, will be held at the National Museum of History and Technology, Smithsonian Institution, Washington, D.C., May 28-30, 1976. Papers will be considered that deal with aspects of the history of any of the behavioral and social sciences, with related historical or social science methodology, or with the
philosophy of history as applied to the study of the history of the behavioral and social sciences. The emphasis of the meeting will be interdisciplinary. Papers (20 minutes maximum; two copies plus return postage) should be submitted to Dr. Michael M. Sokal, Department of Humanities, Worcester Polytechnic Institute, Worcester, Mass. 01609. Abstracts are due November 15, 1975; papers are due December 31, 1975. For further information about the program, write to Dr. Gisela Hinkle, Department of Sociology, Ohio State University, 1775 South College Road, Columbus, Ohio 43210. For information concerning membership, write to Dr. Elizabeth S. Goodman, 115 West Royal Drive, DeKalb, Illinois 60115.

SYMPOSIUM ON CAPTAIN JAMES COOK AND HIS TIMES (BURNABY, BRITISH COLUMBIA, CANADA, MID-APRIL 1978)

An international and interdisciplinary symposium, "Captain James Cook and His Times," will be held at Simon Fraser University, Burnaby, British Columbia, Canada, in mid-April 1978 on the occasion of the bicentenary of Captain James Cook's landing at Nootka Sound, March-April 1778, during his third voyage of exploration and discovery (1776-1780). This symposium is designed to offer a forum for the presentation in papers, panels and discussions of new research and reappraisals by scholars in many fields. The symposium will focus on the impact on British Columbia, the North West coast of North America and the North Pacific littoral of Cook's third voyage, as well as the impact on Oceania, North America and the European world of Cook's life of exploration and discovery. Please direct any enquiries, suggestions or comments to: Chairman (Captain Cook Symposium), Department of History, Simon Fraser University, Burnaby, British Columbia, Canada, V5A 1S6.

REPORT ON 7TH MEETING OF CHEIRON (OTTAWA, ONTARIO, CANADA, JUNE 5-8, 1975)

The 7th Meeting of Cheiron, The International Society for the History of the Behavioral and Social Sciences, was held at Carleton University, Ottawa, Ontario, Canada, June 5-8, 1975. The theme of the meeting was "Social Science at the Turn of the Century." There were paper sessions or symposia on "Past Models in the Present, New Models and the Past," "Changing Conceptions of Man and Human Nature at the Turn of the Century," "Changing Ideas of Social Theory and Social Structure at the Turn of the Century," "Wilhelm Wundt: The Man and His Work," "Essays on the History of Anthropology in the Past Century," "The Interplay of Social Science and Bureaucracy and Their Effect on Government Policy: 1870-1920," "The American Psychological Laboratory as a Scientific Institution: 1885-1930," "Problems in the Use of Sources: Walter Charleton and the Seventeenth Century," "Changing Conceptions of Psychopathology and Social Deviance at the Turn of the Century," "Politics and Social Science: World War I to World War II," "Changing Constructions of Historical Consciousness," and "Essays on the History of Psychology: Allusion, Illusion, Delusion." There was a workshop roundtable on "Contrasting Approaches to the History of Psychology," and there were invited addresses by Drs. Klaus Reigel (University of Michigan), Camille Limoges (Universite de Montréal), and George Rosen (Yale University). A complete program may be obtained from Dr. Elizabeth S. Goodman, 115 West Royal Drive, DeKalb, Illinois 60115.

UNIVERSITY OF WISCONSIN GRADUATE PROGRAM IN HISTORY OF MEDICINE

The Department of the History of Medicine at the University of Wisconsin announces the establishment of a Graduate Program offering M.A. and Ph.D. committee degrees in the history of medicine. Students in the history of science wishing to select fields in the history of the health sciences, and graduate students in other disciplines interested in minor ing in the history of medicine, are also accepted. Members of the faculty are Guenter B. Risse (primitive healing, Egyptian medicine, medical theory and practice in 18th and 19th century Europe) and Ronald L. Numbers (social history of American medicine in the 19th and 20th centuries, 19th century hygiene and dietary reform). For further information write to Guenter B. Risse, M.D., Ph.D., Chairman, Department of the History of Medicine, University of Wisconsin Center for Health Sciences, 1305 Linden Dr., Madison, Wisconsin 53706.
YORK UNIVERSITY PROGRAM IN SCIENCE, TECHNOLOGY, AND SOCIETY

Members of the Department of Natural Science, Atkinson College, York University, Downsview 463, Ontario, Canada, have established a liberal studies programme in Science, Technology, and Society. The programme leads to a B.A. (Ordinary) through part-time studies. Each student and his adviser will plan a course of studies drawing upon courses given in various departments of the College. Typical streams in the programme will include history of science, philosophy of natural and social science, history and logic of mathematics, sociology of science, environmental studies, and science, technology, and the Third World. Programme advisers are Richard A. Jarrell (history of science, science and society) and William H. Hine (history of science, science and society). Participating faculty include T. H. Leith (history and philosophy of science), Charles V. Jones (history of mathematics), Larry J. Murphy (history of technology), Luigi Bianchi (science and society), Mary Doan (sociology of science), Byron Wall (history of science), Ann B. Shteir (science and humanities), Griffiths Cunningham (Third-World science and technology), and others drawn from time to time from other faculties of York University. For further information write to Professor Richard A. Jarrell.

BECKER COLLECTION DONATED TO WASHINGTON UNIVERSITY SCHOOL OF MEDICINE LIBRARY

On June 6, Bernard Becker, M.D., Professor and Head of the Department of Ophthalmology, Washington University, St. Louis, presented his collection of early and rare books to the School of Medicine Library on the occasion of the dedication of the new Archives and Rare Book Annex at 615 S. Taylor, St. Louis. The Becker Collection consists of one 15th century book, 16 from the 16th century, 43 from the 17th century, 83 from the 18th century, and 200 books from the 19th and 20th centuries. It joins the almost 2000 other rare books and five incunabula which the library now owns. The library plans to produce a printed catalog of the Becker Collection for scholarly consultation.

CHINESE SCIENCE

Professor Nathan Sivin, Room 20D-212, Massachusetts Institute of Technology, Cambridge, Mass. 02139, announces the publication of Chinese Science, an occasional and informal bulletin of news and research aids. The first issue is a directory of all persons outside the Far East known to be working in the primary documents of traditional Chinese science, technology, and medicine. Each entry includes a statement of current work and interests and a bibliography. The second issue, which will probably appear within about a year, will be a similar directory of East Asian scholars of Chinese science. Succeeding issues will contain articles, indexes and bibliographies. The first issue is $1.50, including surface postage anywhere, or the first two issues may be ordered for $3.00, from Professor Sivin.

BIBLIOGRAPHY AND INDEX OF AMERICAN-PUBLISHED GEOLOGY, 1669 TO 1850

A bibliography and index of American-published earth-science literature from 1669 through 1850 is now being prepared by Professor Robert M. Hazen, Department of Geological Sciences, Harvard University, Cambridge, Mass. 02138. Approximately 10,000 references, encompassing books, pamphlets, mining company reports, and government documents, as well as all geological articles, reviews, and notices from more than 600 journals, will be included. The bibliography will be extensively indexed using both historical and modern-day subject headings.

Persons having information on unusual or unique geological publications are invited to forward reference data, including author, title, date, place of publication, publisher, pagination, key words for index use, and location of original, to the author. Requests for bibliographic data on specific authors, or on specific topics, are also welcome.
A CATALOGUE OF MAPS AND ATLASES OF THE MIDDLE WEST PRINTED BEFORE 1900

The National Endowment for the Humanities has awarded a grant of up to $130,000 to the Newberry Library and eight midwestern historical societies (Chicago Historical Society, Illinois State Historical Society, Indiana Historical Society, State Historical Society of Iowa, Michigan State Archives, Minnesota Historical Society, Ohio State Historical Society, State Historical Society of Wisconsin) to prepare a catalogue of approximately 14,500 maps and atlases of the Middle West printed before 1900. The two-year project, which began on February 1, 1975, is directed by Dr. David Woodward, Program Director of the Hermon Dunlap Smith Center for the History of Cartography, The Newberry Library, 60 West Walton Street, Chicago, Illinois 60610. Project Coordinator is Robert W. Karrow, Jr., Curator of Maps. The project is intended to help raise the general level of professionalism in map cataloguing and curatorship in the Middle West, and to foster cooperation between the rich but underused collections of historical maps in the area. If successful, it could serve as a model for other regional projects of this nature.

SOCIAL SCIENCE HISTORY ASSOCIATION

The Social Science History Association has been organized to further the interests of historians and social scientists concerned with the application of social science theory and method in historical context. Members of the Association plan a wide range of activities, including a publication program, national and regional conferences, the fostering of special interest networks, data resource and curriculum development and related action. Charter, regular and student memberships ($100, $15 and $8) are available: write Jerome M. Clubb, Executive Secretary, SSHA, Center for Political Studies, University of Michigan, P.O. Box 1248, Ann Arbor, Michigan 48106. Robert Swierenga, Department of History, Kent State University, Kent, Ohio 44240, Editor of the Association journal, is now accepting manuscripts for review for publication in the journal.

MACHINE-READABLE ARCHIVES DIVISION OF THE NATIONAL ARCHIVES

The Machine-Readable Archives Division is a new component of the National Archives whose mission is to identify, acquire, preserve and provide reference services for all machine-readable files which are generated by agencies of the Federal Government and which have enduring value. The Division's holdings are small at present, but it is pursuing a vigorous acquisitions policy, and it is eager to serve the needs of the research community. Recently two historians of science, Dr. Sharon Gibbs and Dr. Kenneth Thibodeau, have been appointed as Archives Specialists in the Division, and they would welcome suggestions from other historians of science as to files which the Division might acquire or services which they might render. Please contact either Dr. Gibbs or Dr. Thibodeau in the above Division at the National Archives and Records Service, Washington, D.C. 20408.

AWARDS AND HONORS

Joseph S. Fruton (Yale University) has accepted the invitation of the HSS to deliver the Sarton Lecture at the AAAS meeting in Boston, February 1976. His topic will be "Nineteenth-Century Biochemistry--The Birth of a New Science?"

Erwin N. Hiebert (Harvard University) has been elected a member of the American Academy of Arts and Sciences.

Robert V. V. Nicholls (McGill University) was elected President of the Canadian Society of History and Philosophy of Science at the annual meeting of the Society in Edmonton in June. He succeeds John W. Abrams and will serve for a term of three years.

A. I. Sabra (Harvard University) has been elected a member of the American Academy of Arts and Sciences.
APPOINTMENTS AND PROMOTIONS

David F. Channell has been appointed Assistant Professor of History at the University of Texas at Dallas, effective September 1975.

Sharon Gibbs has been appointed Archives Specialist in the Machine-Readable Archives Division of the National Archives in Washington, D.C.

Jane M. Oppenheimer, formerly Class of 1897 Professor of Biology, has been named the William R. Kenan, Jr., Professor of the History of Science at Bryn Mawr College.

Alan E. Shapiro has been promoted to Associate Professor of the History of Science and Technology in the School of Physics and Astronomy at the University of Minnesota, effective July 1975.

Kenneth Thibodeau has been appointed Archives Specialist in the Machine-Readable Archives Division of the National Archives in Washington, D.C.

David R. Topper has been promoted to Associate Professor of History at the University of Winnipeg, effective September 1, 1975.

VISITING APPOINTMENTS

Margaret W. Rossiter has been appointed Lecturer in the Department of History at the University of California, Berkeley, for the academic year 1975-1976.

Matthew Norton Wise has been appointed Visiting Assistant Professor of History at the University of California, Los Angeles, for the academic year 1975-1976.

FELLOWSHIPS AND GRANTS

The American Council of Learned Societies recently awarded post-doctoral grants for research in the humanities and social sciences to thirteen scholars from twelve colleges and universities, in a program on Soviet Studies sponsored jointly by the ACLS and the Social Science Research Council. This joint program has been made possible by a grant from the Ford Foundation. Included among the recipients were the following: (1) Kendall E. Bailes, Assistant Professor of History, University of California, Irvine: "The formation of the Soviet technical intelligentsia, 1917-1941"; (2) Erik P. Hoffmann, Associate Professor of Political Science, State University of New York, Albany: "The scientific-technological revolutions' and the Soviet political system"; (3) Rensselaer W. Lee, III, No academic affiliation, Ph.D. in Political Science and History, Bethesda, Maryland: "Social' control of technical innovation in the USSR"; (4) Linda L. Lubrano, Associate Professor at the School of International Service, The American University: "Professional relationships and policy involvement of Soviet scientists"; and (5) Elliott D. Mossman, Associate Professor of Slavic Languages, University of Pennsylvania: "Legal problems of technology transfer between Western and Soviet economic systems."

The American Council of Learned Societies also recently awarded post-doctoral grants for research in the humanities and social sciences to twenty scholars from fifteen colleges and universities, in a program on South Asia sponsored jointly by the ACLS and the SSRC. This joint program has been made possible by a grant from the Ford Foundation. Included among the recipients were the following: (1) James B. Brow, Assistant Professor of Anthropology, Swarthmore College: "The economic organization of a Vedda village (Sri Lanka)"; and (2) Shane Ryland, Associate Professor of History, Washington State University: "Public health care and mortality in South India, 1901-1941."

The American Council of Learned Societies also recently awarded grants for advanced research in the humanities and social sciences relating to Chinese civilization to sixteen scholars from thirteen colleges and universities in the United States. This program has been made possible by a grant from the National Endowment for the Humanities. Included among the recipients were the following: (1) Hui-Lin Li, John Bartram Professor of Botany,
University of Pennsylvania: "A study of Chi Han's Nan-fang ts'ao-mu chuang, 304 A.D."; and (2) Edward H. Schafer, Agassiz Professor of Oriental Languages, University of California, Berkeley: "The sky and stars in literature and folklore of the T'ang dynasty."

DISSERTATIONS IN PROGRESS OR RECENTLY COMPLETED

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

Case Western Reserve University

Harvard University
Kenneth R. Manning, "The Emergence of the Weierstrassian Approach to Complex Analysis" (completed).
Keith A. Nier, "The Emergence of Physics in Nineteenth-Century Britain as a Socially Organized Category of Knowledge: Preliminary Studies" (completed).
Dov Ospovat, "Embryos, Archetypes, and Fossils: Von Baer's Embryology and British Paleontology in the Mid-Nineteenth Century" (completed).
Karen M. Reeds, "Botany in Medieval and Renaissance Universities" (completed).
Susan P. Wright, "Henri Poincaré: A Developmental Study of his Philosophical and Scientific Thought" (completed).

Johns Hopkins University
Martin Kalmar, "Thomas Hariot's De Reflexione Corporum Rotundorum; an annotated translation" (M.A. thesis completed).
Philip F. Rehbock, "Organisms in Space and Time: Edward Forbes (1815-1854) and New Directions for Early Victorian Natural History" (completed).

Oxford University

University of Washington
Lorin Anderson, "Charles Bonnet: His Psychology and His Philosophical System" (in progress).
Iris Sandler, "Maupertuis—Predecessor of Mendel?" (in progress).

BOOKS RECEIVED BY ISIS: MAY-JUNE 1975


James O. Breeden, Joseph Jones: Scientist of the Old South. xiii + 293 pp., illus., index. Lexington: Univ. Press of Kentucky, 1975. $13.25.

Joe D. Burchfield, Lord Kelvin and the Age of the Earth. xii + 260 pp., bibl., index. New York: Science History Publications, 1975. $15.


Glyn Daniel, A Hundred and Fifty Years of Archaeology. 410 pp., bibl., index. London: Duckworth, 1975. £7.95.
REQUEST FOR 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. Roger H. Stuewer, 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.

JOB OPENINGS

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 his 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.

   Position(s): Several Fellowships in Advanced Editing of Documentary Sources for 1976-1977. Successful candidates will spend a year in training with a stipend of $11,000.
   Description: Candidates must have the Ph.D. or have completed all requirements for that degree except the dissertation, or they must have equivalent qualifications, training, or experience.
   Deadline for applications: March 1, 1976; awards will be announced no later than April 30, 1976.
   Contact for information and application forms: Executive Director.

2. University of Toronto, Toronto M5S 1A1, Ontario, Canada.
   Position: Director, Institute for the History and Philosophy of Science and Technology.
   Description: The University is seeking a new Director to assume the post from July 1, 1976. The Director should be an established scholar in the history of science or technology, with the ability to co-ordinate the activities of a multi-disciplinary Institute with the relevant activities of a number of other departments, to perform the normal administrative duties of a department head, and to carry out teaching and research. The appointment can be at any level up to full professor. Salary to be negotiated. The Institute has a staff of five, plus a large number of cross-appointed members from other departments. It offers M.A. and Ph.D. programmes as well as undergraduate courses.
   Contact: Professor R. A. Spencer, Associate Dean, School of Graduate Studies, 65 St. George Street.

3. University of New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia.
   Position: Professor of History and Philosophy of Science.
   Description: Applications are invited for appointment to the above chair which is one of two in the School of History and Philosophy of Science. The other chair is held by Professor J. B. Thornton. The professor to be appointed will be head of the School, and will supervise and participate in teaching and examining undergraduate and postgraduate students in the School and engage in and promote research and advanced study. Salary $23,569 per annum. Subject to the consent of the University Council, professors may undertake a limited amount of higher consultative work. The University reserves the right to fill any chair by invitation.
Postmaster: Return postage guaranteed.

Professor Roger H. Stuewer
School of Physics and Astronomy
University of Minnesota
Minneapolis, Minnesota 55455