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, WHOSE ADDRESS UNTIL AUGUST 31, 1975, will be Department of the History of Science, Harvard University, Holyoke Center 838, Cambridge, Mass. 02138. The deadline for receipt of news for the February issue is January 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. Suggestions for the 1975 Program should be sent to Professor McVaugh as soon as possible, but not later than March 31, 1975.

1975 HSS NOMINATING COMMITTEE

The Chairman of the 1975 HSS Nominating Committee is Professor Roger Hahn, Department of History, University of California, Berkeley, California 94720. Pursuant to the votes of the Council and members of the Society at the 1974 annual meeting in Norwalk concerning the revision of the HSS Statutes, the Nominating Committee this year is charged with nominating: (1) the 1976 Nominating Committee (at least ten candidates for five positions); and (2) Council members whose three-year terms will expire December 31, 1978 (at least ten candidates for five positions). The qualification "at least" is required in both cases since candidates may also be placed on the ballot by petitions signed by at least fifteen members of the Society. At any given time, the Council consists of the Past Presidents of the Society, the Executive Committee of the Society, and fifteen members of the Society. The names of the present and past members of the Council were published in the February 1974 Newsletter. Nominating petitions, together with the agreement of the person nominated, must reach Professor Hahn by September 1, 1975, to be eligible for consideration.
1975 PFIZER AWARD

The Pfizer Award, consisting of a cash prize of $650, was established in 1958 through the generosity of Charles Pfizer & Company, Inc., to recognize and reward "the best published work related to the history of science in the preceding year written by an American or Canadian author." The Pfizer Award Committee, which is appointed by the President of the HSS, is this year chaired by Professor Edward Grant, Department of History and Philosophy of Science, Goodbody Hall 130, Indiana University, Bloomington, Indiana 47401. Nominations for the Award should be submitted to Professor Grant by May 1, 1975.

1975 HENRY SCHUMAN PRIZE

PLEASE POST THIS ANNOUNCEMENT FOR STUDENTS

The competition for the annual award of $250, established in 1955 by Ida and the late Henry Schuman of New York City for an original prize essay in the history of science and its cultural influences, is open to graduate and undergraduate students in any American or Canadian college, university or institute of technology. Papers submitted for the prize competition should be approximately 5,000 words in length, exclusive of footnotes, and thoroughly documented. It is hoped that the prize-winning essay will merit publication in Isis.

It was the wish of the donors that "history of science and its cultural influences" be interpreted very broadly. The papers may deal with the ideas and accomplishments of scientists in the past; they may trace the evolution of particular scientific concepts; or study the historical influences of one branch of science upon another. The phrase "cultural influences" is taken to include studies of the social and historical conditions that have influenced the growth of science, or the effects of scientific developments upon society in the realms of philosophy, religion, social thought, art and literature, economic progress, etc. Essays dealing with medical subjects are not acceptable, although papers dealing with the relations between medicine and the natural sciences will be welcome.

The Schuman Prize Committee, which is appointed by the President of the HSS, is this year chaired by Professor Joan Cadden, 1750 Athens Street, Boulder, Colorado 80302. To be eligible for consideration, papers (not more than one from each competitor) must be received by Professor Cadden on or before July 1, 1975. It is requested that the names and institutions of the contributors be placed on a separate title page so that they may be removed before being read by the members of the Committee. The announcement of the Prize-winning essay will be made at the annual meeting of the History of Science Society.

IMRE LAKATOS APPEAL FUND

Many of Imre Lakatos's friends have said that they want to contribute to some lasting memorial to him; and there have been many inquiries about the possibility of publishing his unpublished papers. In response to this, an appeal has been launched to create an "Imre Lakatos Appeal Fund." This will be administered by a small Managing Committee, under a Trust to be established by The London School of Economics. The object of the Appeal Fund will be to promote study in critical philosophy, the philosophy and history of science and of mathematics, mathematical logic, and related subjects in various ways. In addition, it is desired to finance the editing and eventual publication of the "Collected Papers" of Imre Lakatos. The Managing Committee will consist initially of: The Director of the London School of Economics (or his deputy); Miss Gillian Page; Professor J.W.N. Watkins; Professor B.S. Yamey; and Dr. E.G. Zahar. The above named will be happy to try to answer any questions. Contributions should be sent to The Accountant, London School of Economics, Houghton Street, London WC2A 2AE, England.
HISTORY OF SCIENCE SOCIETY

BALLOT 1974

(The biographical information has been excerpted from the 1974 Directory of Members and is in no case complete.)

SECOND VICE-PRESIDENT
(Vote for One)

___ Carl B. Boyer, Professor, Department of Mathematics, Brooklyn College. Columbia Ph.D. 1939. Mathematics, physics.

___ Ruth Schwartz Cowan, Associate Professor, Department of History, State University of New York at Stony Brook. Johns Hopkins Ph.D. 1969. Biology, technology and social change.

COUNCIL TERM EXPIRING DECEMBER 31, 1977
(Vote for Five)

___ Lawrence Badash, Assistant Professor, Department of History, University of California, Santa Barbara. Yale Ph.D. 1964. 19-20c physical science.

___ Joan Cadden, Assistant Professor, Department of History of Science, Harvard University (on leave 1974-75). Indiana Ph.D. 1971. Ancient and medieval science, biology.

___ Diana Long Hall, Assistant Professor, Departments of History and Biology, Boston University. Yale Ph.D. 1966. Modern biology and medicine.

___ Karl George Hufbauer, Assistant Professor, Department of History, University of California, Irvine. Berkeley Ph.D. 1970. Historical sociology of science, both internal and external.


___ Jane M. Oppenheimer, 1897 Professor of the History of Science, Bryn Mawr College. Yale Ph.D. 1935. Embryology, from point of view of history of ideas.

___ Barbara Rosenkrantz, Associate Professor, Department of History of Science, Harvard University. Clark Ph.D. 1970. Social history of health sciences.

___ A. I. Sabra, Professor, Department of History of Science, Harvard University. London Ph.D. 1955. Islamic science and philosophy, 17c science and philosophy.


Please return this Ballot immediately, but not later than December 30, 1974, to the Secretary, Dr. Roger H. Stuewer, Department of History of Science, Holyoke Center 838, Harvard University, Cambridge, Mass. 02138, by simply folding and mailing this page.
Dr. Roger H. Stuewer  
Department of History of Science  
Holyoke Center 838  
Harvard University  
Cambridge, Massachusetts 02138
ERROR IN SCIENCE HISTORY PUBLICATIONS NORWALK ORDERS

At the recent Norwalk meeting of the Society, some participants apparently purchased books from Science History Publications, but failed to leave behind the appropriate order form, thereby precluding the actual filling of the order. If, therefore, anyone ordered and paid for books at Norwalk, but has not as yet received them, please contact Science History Publications, 156 Fifth Avenue, New York, New York 10010, immediately.

ALEXEI YAKUSHEV

Mrs. Mary Mackler, Director, Program for Soviet Emigré Scholars, 345 East 46th Street, Room 800, New York, New York 10017 (phone 212-687-0520), wishes to call attention to Alexei Yakushev, who is attempting to locate a position in the United States. Dr. Yakushev received a degree in philosophy from Moscow University in 1952. He received his doctoral degree in the history and philosophy of science from the Plekhanov Institute of Economics in Moscow in 1956. In 1968 he was awarded a doctorate in philosophy from Warsaw University. For further information, please contact Mrs. Mackler.

INTERNATIONAL COMMITTEE FOR HISTORICAL METROLOGY ESTABLISHED

An International Committee for Historical Metrology has recently been established to organize investigations of old measures and weights. The officers of the Committee are Alfred Hoffmann (Oesterreichische Akademie der Wissenschaften), President; René Taton (Centre Alexandre Koyré), Vice President; Witold Kula (Université de Varsovie), Vice-President; Zlatko Herkov (Jugoslavenske akademije znanosti i umjetnosti), Secretary General, and Joachim Otto Fleckenstein (Universität Basel), Treasurer. For a copy of the Committee’s Statutes and other information, please write to the Comité International pour la métrologie historique, Historijski institut, Jugoslavenske akademije znanosti i umjetnosti, Strossmayerov trg 2, YU-41001 Zagreb, Yugoslavia.

U.S. NATIONAL COMMITTEE FOR HISTORY OF GEOLOGY APPOINTED

Professor George W. White, Department of Geology, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801, has been appointed chairman of the newly formed U.S. National Committee for History of Geology. Other members of the committee are Claude Albritton (Southern Methodist University), John G. Burke (University of California, Los Angeles), S.V. Carozzi (University of Illinois, Urbana), Clifford Frondel (Harvard University), John C. Greene (University of Connecticut), Michel T. Halbouty (Houston, Texas), Hollis D. Hedberg (Princeton, New Jersey), Aurele LaRocque (Ohio State University),

(continued on page 6)

SEMICENTENNIAL FUND DRIVE

The HSS Fund Drive Committee is happy to report an encouraging response from the members of the Society to the announcements published in previous Newsletters. Members who have not yet responded may do so by sending the form below to Professor John G. Burke, Treasurer, History of Science Society, Department of History, University of California at Los Angeles, Los Angeles, California 90024.

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.)
Joel T. Lloyd (National Academy of Sciences), Grover E. Murray (Texas Tech University), Alexander Ospovat (Oklahoma State University), Rhoda Rappaport (Vassar College), Cecil J. Schneer (University of New Hampshire), Hubert C. Skinner (Tulane University), Kenneth Taylor (University of Oklahoma), Leonard G. Wilson (University of Minnesota), and Ellis Yochelson (U.S. Geological Survey). The committee will maintain contact with geologists and historians working on various aspects of the history of geology, and help form a U.S. viewpoint regarding activities of the International Committee on the History of the Geological Sciences. It may also examine the range and trends of historical research in the U.S. and point out gaps in present coverage or interesting opportunities that may be opening up. It may also study the location and content of many collections of personal papers and other documentary materials. For further information, please contact Professor White.

INTERNATIONAL ASSOCIATION OF GEOMAGNETISM AND AERONOMY COMMISSION ON HISTORY

Professor C. Stewart Gillmor, Department of History, Wesleyan University, Middletown, Connecticut 06457, has been named to the Commission on History of the International Association of Geomagnetism and Aeronomy. The Commission deals with the history of geomagnetism, aeronomy, and related areas such as upper atmospheric physics and solar-terrestrial physics. The next meeting of I.A.G.A. will be in conjunction with the International Union of Geodesy and Geophysics in Grenoble, France, August-September, 1975. Historians of science who have appropriate research interests are urged to affiliate with the Commission. For further information, please contact Professor Gillmor.

INTERNATIONAL HISTORY OF MAMMALOGY

Professor Keir B. Sterling, Department of History, Pace University Westchester, Pleasantville, New York 10570, is general editor of an International History of Mammalogy, which will include chapters on developments in the various facets of this field in each nation or major geographic region of the world. The emphasis will be on the modern scientific period, since the time of Linnaeus. Authors for a number of the chapters have been identified, but Professor Sterling is anxious to find additional ones (particularly in Latin America, parts of Africa, and Scandinavia). A similar project, dealing with the field of ornithology, is also projected. Prospective contributors to both projects are requested to contact Professor Sterling.

HISTORY OF MEDICINE EXHIBITION IN SCIENCE MUSEUM, LONDON

On July 10 the Science Museum in London opened its first major Special Exhibition on the History of Medicine. It is timed to mark the bicentenary of the discovery of oxygen by Joseph Priestley in 1774, and it shows how the results of this discovery and the discovery of other gases play a leading role in modern medicine. The exhibition will be on display for about six months, Monday-Saturday 10:00 A.M.-6:00 P.M. and Sunday 2:30-6:00 P.M.
ARCHITECTURAL DRAWINGS OF TOWER BRIDGE DISCOVERED

A number of early drawings connected with the building of London's Tower Bridge have been discovered by Mr. Daniel Griffiths, who generously agreed to donate them to the Science Museum, London. Most of the drawings bear the signature of George Stevenson A.R.I.B.A. who assisted the City Architect Sir Horace Jones in the initial design work for Tower Bridge. They will be on exhibition shortly in the Science Museum.

FROM THE U.S. SENATE COMMITTEE ON COMMERCE

Senator Warren G. Magnuson (D-Wash.) recently announced that the Committee on Commerce has approved a bill to restore the quality of national decision-making on critical scientific issues by establishing a White House Council of Advisers on Science and Technology. After the Commerce Committee vote on the bill, Senator Magnuson especially commended Senator John V. Tunney (D-Cal.), Chairman of the Special Subcommittee on Science, Technology, and Commerce and Senator Frank E. Moss (D-Utah) for their valuable contributions to the Committee's reports. Senators Tunney and Moss cosponsored S. 2495 with Senator Magnuson when he introduced the bill last fall.

BARCHAS COLLECTION TO DUKE MEDICAL LIBRARY

Duke University has received the gift of an extensive library collection in the history of science from Mr. and Mrs. Samuel Barchas of Sonoita, Arizona. The Barchas Collection includes about 3,500 volumes covering a wide spectrum of the sciences with strong emphasis on astronomy. It incorporates one of the collections of the late Herbert Evans and includes many important books in biology and medicine. Rooms for the Barchas Collection and a proposed Barchas Center for the History of Science are being planned adjacent to the Trent Collection in the History of Medicine in the Medical Center Library building now under construction at Duke University. In recognition of the gift, Duke University has undertaken an acquisitions program involving the expenditure of more than $100,000 a year on rare books in the history of medicine and science. A program of scholarly publications and translations is also planned. It should also be noted that G.S.T. Cavanagh has resigned as Director, Medical Center Library, to devote full-time to historical collections and has been succeeded as Director by Warren Bird, formerly Associate Director.

1974-75 PBS NOVA PROGRAMS


AMERICAN SOCIETY OF ZOOLOGISTS SYMPOSIUM ON HISTORY OF ZOOLOGY
(TUCSON, ARIZONA, DECEMBER 26-30, 1974)

At the annual meeting of the American Society of Zoologists, Tucson, Arizona, December 26-30, 1974, there will be a special symposium on "Historical Aspects of Early American Zoology" which is being arranged by Professor Ralph W. Dexter, Department of Biological Sciences, Kent State University, Kent, Ohio 44242.
METROPOLITAN NEW YORK SECTION OF THE HSS MEETING (FEBRUARY OR MARCH 1975)

The Metropolitan New York Section of the HSS is organizing a day-long meeting on the topic: "The History of Science and Related Subjects in High School and College Curricula: A Workshop on the State of the Art." Materials from courses or course segments actually in use or in an advanced state of development are solicited, and will be presented, discussed and appraised. It is hoped that the materials will come from a wide range of subject areas (the sciences, medicine, technology, mathematics); that the programs they derive from will have a variety of objectives; and that they will exhibit a selection of styles, pedagogical techniques, and teaching aids and equipment, including laboratory equipment. The meeting will be set for a convenient Saturday in February or early March at a location in New York City to be announced. Any high school or college instructor wishing to participate actively should write to Professor Thomas B. Settle, Polytechnic Institute of New York, 333 Jay Street, Brooklyn, New York 11201, indicating the nature of his or her possible contribution. Please include full address and telephone number(s).

JOINT ATLANTIC SEMINAR ON THE HISTORY OF THE PHYSICAL SCIENCES
(NEW HAVEN, CONNECTICUT, MARCH 21-22, 1975)

The second annual meeting of the Joint Atlantic Seminar (J.A.S.) on the History of the Physical Sciences will be held at Yale University on Friday evening and Saturday, March 21-22, 1975. The J.A.S. was founded to promote discussion among graduate students and other scholars in the eastern United States and Canada working on all aspects of the history of the post-Newtonian physical sciences. Anyone interested in presenting a paper should write promptly to Professor Martin J. Klein, Department of History of Science and Medicine, Yale University, New Haven, Connecticut 06520, giving the title of the proposed talk. Graduate students are especially invited to contribute papers. Papers should be planned for presentation in approximately twenty minutes, and ten minutes will be reserved for discussion of each paper. Further information about housing arrangements and so forth will be provided later.

AMERICAN SOCIETY FOR EIGHTEENTH-CENTURY STUDIES SOUTHEASTERN REGIONAL CONFERENCE
(UNIVERSITY OF TENNESSEE, KNOXVILLE, APRIL 10-12, 1975)

The ASECS Southeastern Regional Conference will be held at the University of Tennessee, Knoxville, April 10-12, 1975. There are two central themes: "Newton in the Eighteenth Century" and "The Orient in Thought, Literature, and the Arts in the Eighteenth Century." For further information, please contact the Program Chairman, Professor Percy G. Adams, Department of English, University of Tennessee, Knoxville, Tennessee 37916.

SOCIETY OF ARCHITECTURAL HISTORIANS MEETING, BOSTON (APRIL 23-28, 1975)

The twenty-eighth annual meeting of the Society of Architectural Historians will be held at the Copley Plaza Hotel in Boston, April 23-28, 1975. Marian C. Donnelly (University of Oregon) is general chairman of the meeting; Kenneth J. Conant (Harvard University, emeritus) is honorary local chairman; and Abbott L. Cummings (Society for the Preservation of New England Antiquities) is local chairman. The program is generally planned as preparatory to the Bicentennial annual meeting in Philadelphia in May 1976, and will be largely devoted to building in America through the Revolutionary period. For further information on the program, special exhibitions, and tours, please contact Mrs. Rosann S. Berry, Executive Secretary, Society of Architectural Historians, 1700 Walnut Street, Philadelphia, Pennsylvania 19103.

CHEIRON ANNUAL MEETING (OTTAWA, ONTARIO, CANADA, June 5-8, 1975)

The seventh annual meeting of CHEIRON: The International Society for the History of Behavioral and Social Sciences will be held at Carleton University, Ottawa, Ontario,
Canada, June 5-8, 1975. Papers will be considered which deal with aspects of the history of any of the behavioral and social sciences, with related historical or social sciences 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. Please address submitted papers (deadline January 1, 1975) or requests for additional information to Dr. M. E. Marshall, Department of Psychology, Carleton University, Ottawa, Ontario, Canada. For information concerning membership in CHERION, please write to Dr. Elizabeth S. Goodman, 115 West Royal Drive, DeKalb, Illinois 60115.

SUMMER MEETING OF THE BRITISH SOCIETY FOR THE HISTORY OF SCIENCE
(UNIVERSITY OF KENT, CANTERBURY, JULY 8-10, 1975)

The Summer Meeting of the British Society for the History of Science will be held at the University of Kent, Canterbury, July 8-10, 1975. The theme of the meeting is the transmission of scientific ideas and techniques. Members wishing to present a paper at the meeting should get in touch as soon as possible with the program secretary, Dr. A. Duncan, Department of Social Sciences, Loughborough University, Loughborough, Leicestershire LE11 3TU, England.

REPORT ON LE BEL-VAN'T HOFF CENTENNIAL SYMPOSIUM
(ATLANTIC CITY, NEW JERSEY SEPTEMBER 11-12, 1974)

A Le Bel-van't Hoff Centennial Symposium was held at the national meeting of the American Chemical Society in Atlantic City, New Jersey, September 11-12, 1974, under the joint sponsorship of the Divisions of Organic Chemistry and History of Chemistry. The session concerned with contemporary developments of stereochemistry was chaired by Dr. Ernest L. Eliel (University of North Carolina). The historical sessions were chaired by Dr. O. Bertrand Ramsay (Eastern Michigan University). In the latter sessions, papers were presented by V. Prelog (Eidgenössische Technische Hochschule, Zürich), "From Configurational Notation of Stereoisomers to the Conceptual Basis of Stereochemistry"; C.A. Russell (Open University), "The Origins of Conformational Analysis"; G.V. Bykov (Institute for the History of Science, Moscow), "Conceptual Premises of the Conformational Analysis in the Works of C.A. Bischoff"; G.B. Kauffman (University of California, Fresno), "The Discovery of Optically Active Coordination Compounds: A Milestone in Stereochemistry"; J. Parascandola (University of Wisconsin), "The Evolution of Stereochemical Concepts in Pharmacology"; J.A. Miller (University of Missouri, St. Louis), "M.A. Gaudin and Early 19th Century Stereochemistry"; N.W. Fisher (University of Glasgow), "The Chemical Background to van't Hoff's "Arrangement of Atoms in Space""; and T.H. Levere (University of Toronto), "Arrangement and Structure: A Distinction and a Difference." The centennial banquet featured talks by O.B. Ramsay (Eastern Michigan University), "Le Bel and van't Hoff," and F.A. Westheimer (Harvard University), "A Hundred Years Later." G.B. Kauffman's staging of a playlet, "Rotating and Resolving," written by P. Karrar in Alfred Werner's laboratory in 1911 followed the banquet. The symposium papers as well as a few other contributions will be published in the spring as a volume in the American Chemical Society Symposium Series.

UNIVERSITY OF CALIFORNIA, LOS ANGELES, CLARK LIBRARY PROFESSORSHIP

Beginning in 1975-76, the University of California, Los Angeles, is offering annually a distinguished visiting appointment as Clark Library Professor to a scholar working in some aspect of 17th and 18th century English cultural history. The first incumbent will be Perez Zagorin, Professor of History at the University of Rochester. Future appointees might be in Literature, Theology, Music, Political Theory, or the History of Science. In all of these fields, the William Andrews Clark Memorial Library regularly supports seminar and research work through its extensive collections of original English works, notably of the period 1640-1750. Since 1965 the Library has also fostered a six-week postdoctoral seminar, offering fellowships on a nationally competitive basis to six young scholars who are then enabled to work at the Clark with a distinguished senior
specialist. For further information, please contact Professor Robert Vosper, Director, William Andrews Clark Memorial Library, 2520 Cimarron Street at West Adams, Los Angeles, California 90018.

**NSF RESEARCH GRANTS AND DOCTORAL DISSERTATION RESEARCH GRANTS**

In the *history of science and technology*, support is available from the National Science Foundation for research into the growth of the biological, engineering, mathematical, physical, and social sciences; the development of scientific organizations, social institutions, and intellectual and other movements significant for understanding the growth of science and technology; various factors responsible for the development of science and technology; relationships between scientific and technological developments, particularly in the recent era; and other subjects associated with the growth of science and technology. Proposals may be submitted anytime. Processing requires four to six months. Grants for **improving doctoral dissertation research** in the history and philosophy of science are also available. For further information on the above grant activities, please write to Assistant Program Director for History and Philosophy of Science, Division of Social Sciences, National Science Foundation, Washington, D.C. 20550.

**NEH RESEARCH TOOLS GRANT PROGRAM**

The National Endowment for the Humanities (NEH) recently announced that beginning with fiscal year 1975 they expect to be able to provide about $2,200,000 through the Division of Research Grants for support of projects to produce research tools for the humanities. In any instances where a project originates at an institution other than a learned society, such as a university or research library, the proposal should indicate that the sponsoring institution has been in communication with the appropriate scholarly organization or society about the project. (The HSS has established a special committee to handle these requests for endorsement, which should be addressed to the incoming President, Professor John C. Greene, Department of History, University of Connecticut, Storrs, Connecticut 06268.) The research tools program is the Endowment's effort to support the production of such basic research reference works for the humanities as bibliographies, atlases, dictionaries, and catalogs. Its purpose is to help a wide variety of disciplines create the basic research tools necessary for the furtherance of humanistic research in this country. In order to help any societies which need to take a careful look at their field before submitting full-blowen proposals, the Endowment is prepared to offer small grants—normally $10,000 to $15,000—for surveys of the needs for research tools. Similar small grants may also be requested for feasibility studies. NEH is prepared to receive applications immediately. Research Division deadlines for the coming year are November 18, 1974, for projects scheduled to begin after September 1, 1975; and May 6, 1975, for projects scheduled to begin after January 1, 1976. Draft proposals for research tools projects should normally be submitted to NEH two months in advance of the regular deadlines in order to allow time for consultation with the staff. All requests for additional information about the program and about application procedures should be addressed directly to the Research Tools Program, Division of Research Grants, National Endowment for the Humanities, Washington, D.C. 20506 (phone: 202-382-5857).

**ACLS-SSRC SOVIET STUDIES AND EAST EUROPEAN STUDIES GRANTS PROGRAMS**

The Joint Committee on Soviet Studies and the Joint Committee on Eastern Europe of the American Council of Learned Societies (ACLS) and the Social Science Research Council (SSRC) wish to draw attention to its grants programs in (A) Soviet Studies: Grants for Post-Doctoral Research (Deadline: December 31, 1974), and (B) East European Studies: (1) Grants for Post-Doctoral Research (Deadline: December 31, 1974); (2) Grants for Study of East European Languages (Deadline: February 3, 1975); (3) Grants in support of Conferences (Deadline: February 15, 1975); and (4) Travel Grants to International Conferences Abroad (Deadline: February 15, 1975). For details of eligibility and information which MUST be supplied in requesting application forms,
request an announcement brochure from the Office of Fellowships and Grants, American Council of Learned Societies, 345 East 46 Street, New York, New York 10017.

AAAS MASS MEDIA INTERN PROGRAM

The American Association for the Advancement of Science announces a program supporting up to ten outstanding advanced graduate students in the social and natural sciences as intern reporters, researchers, or production assistants in a variety of media for the summer of 1975. In a few exceptional cases junior, senior or post-doctoral candidates will be considered. This on-the-job training in the mass communications media is intended to provide an opportunity for social and natural science students to improve their communication skills and increase their understanding of editorial decision-making that underlies the dissemination of information about public affairs. Salaries will be paid by the Association at a level based on the current rate for interns in the participating media. In 1973 interns were paid $180 a week. The AAAS also pays travel expenses for interns. Interested students may apply to the Mass Media Intern Program by having a faculty member submit a letter of nomination to the AAAS. In addition, the applicant should write a letter describing: (a) reasons for wanting to participate in the program, (b) professional interests in the natural or social sciences, (c) beliefs in how journalism can be improved by an infusion of natural and/or social science expertise, and (d) how a natural or social scientist could benefit from exposure to an experience in the mass media. Applicants should state preferences, if any, for experience in newspaper, magazine, or broadcast journalism. The candidate's letter should be accompanied by a curriculum vita, including three references, and office and home telephone numbers and addresses. Letters of application and recommendations should be sent to Wendy Weisman-Dermer, Mass Media Intern Program, American Association for the Advancement of Science, 1776 Massachusetts Avenue, N.W., Washington, D.C. 20036. The deadline for receipt of completed applications is February 1.

INSTITUTE FOR THE EDITING OF HISTORICAL DOCUMENTS (CHARLOTTESVILLE, VIRGINIA, JUNE, 1975)

The National Historical Publications Commission and the Center for Textual and Editorial Studies in Humanistic Sources, University of Virginia, will sponsor the fourth Institute for the Editing of Historical Documents to be held in Charlottesville, Virginia, for two weeks in June, 1975. The deadline for applications is February 15, 1975, with fellowships to be announced no later than March 15, 1975. For further information and application forms, write the Executive Director, National Historical Publications Commission, National Archives Building, Washington, D.C. 20408.

NATIONAL HISTORICAL PUBLICATIONS COMMISSION FELLOWSHIPS

The National Historical Publications Commission announces a competition for eight Fellowships in Advanced Editing of Documentary Sources for American History. Beginning September 1, 1975, each Fellow will train for a full year with a major editorial project sponsored by the Commission. Fellows receive practical editing experience in searching, selecting, transcribing, and annotating documents for publication. Candidates must have the Ph.D. or have completed all requirements for that degree except the dissertation, or they must have equivalent qualifications as shown by writings or edited publications demonstrating exceptional ability. The amount of each fellowship grant is $11,000. For further information and application forms, write to the Executive Director, National Historical Publications Commission, National Archives Building, Washington, D.C. 20408. The deadline for applications is March 1, 1975, with fellowships to be announced no later than April 15, 1975.

LOGAN CLENDENING TRAVELING FELLOWSHIP IN THE HISTORY OF MEDICINE

Applications are invited for the Logan Clendening Traveling Fellowship in the History of Medicine, which is tenable for three months during 1975. The Fellowship is
for $1,000 and is open to registered medical students (or college seniors accepted for medical school) of any recognized medical or osteopathic school in the United States or Canada. This Fellowship memorializes Dr. Logan Clendening (1884-1945), and will enable medical students to follow at least two of his abiding interests—travel and medical history. Applicants may elect to travel anywhere in the world for the purpose of studying any aspect of medical history of interest to them. The special application form, which must be returned not later than March 15, 1975, may be obtained from Robert P. Hudson, M.D., Chairman, Department of the History of Medicine, The University of Kansas Medical Center, Kansas City, Kansas 66103. Applicants will be notified of results by April 15, 1975.

REPORT ON SEMINAR ON VISION AT LEHIGH UNIVERSITY

In the spring semester of 1974 Dr. Josef Brozek, Research Professor in the Department of Psychology, Lehigh University, Bethlehem, Pennsylvania, led a graduate seminar on the history of theories of vision. The seminar opened by a critical review of the approaches to historiography. Information provided by the primary sources was supplemented by K. E. Rothschuh's History of Physiology (1973), E. G. Boring's Sensation and Perception in the History of Experimental Psychology (1942), and Willem van Hoorn's As Images Unwind: Ancient and Modern Theories of Visual Perception (1972).

NEW PUBLICATIONS ON THE HISTORY OF MATHEMATICS, PHYSICS, AND ASTRONOMY

Two series of publications on the history of mathematics, physics, and astronomy, consisting of monographs and text editions published at irregular intervals, will start early in 1975. Works accepted by the editors will meet the standards of the historian, as well as those of the mathematician, physicist, or astronomer. Studies in the History of Mathematics and the Physical Sciences will deal with significant problems and methods in the history of these sciences through all periods up to the present time. A variety of historical approaches including the biographical will be represented. Sources in the History of Mathematics and the Physical Sciences will be devoted to the publication of new source material which sheds light on important developments of scientific thought. Texts that are not written in a living language will be accompanied by a modern translation and commentary. The editors of the series will be Martin J. Klein, Eugene Higgins Professor of the History of Physics, Yale University; and G.J. Toomer, Professor of the History of Mathematics, Brown University. The publishers will be Springer-Verlag New York.

SOVIET HISTORY OF SCIENCE AND TECHNOLOGY ANTHOLOGY

A 1974 anthology in the series "Questions of the History of Science and Technology," which is published by the USSR Academy of Sciences, Institute of the History of Science and Technology, contains articles by Louis de Broglie, P.L. Kapitsa, T. Kotarbinski, Ya. Kozheshnik, B. Suchodolski, V. Wussing, I.I. Artobolevsky, A.N. Bogolubov, and D.D. Ivanenko. There is also material on the 1000th anniversary of the birth of the scientist Biruni, on the 500th anniversary of the birth of Copernicus, on the 250th anniversary of the USSR Academy of Sciences, and on the history of science in India, Cuba, Rumania, Yugoslavia, and Japan. The anthology also includes correspondence between D.I. Mendeleev and V. Oswald, which is here published for the first time. The main articles are provided with detailed English summaries. Orders may be sent to those shops, organizations, and firms which deal in literature from the Soviet Union.

AWARDS AND HONORS

I. Bernard Cohen (Harvard University) received the 1974 Sarton Medal, the highest award of the History of Science Society, at the 50th anniversary meeting of the Society in Norwalk, Connecticut. A full citation will be published in Isis.

Stanley Goldberg (Hampshire College) has received a Smithsonian Institution Fellowship beginning January 1975.

Erwin N. Hiebert (Harvard University) has been elected 2nd Vice President of the International Union of the History and Philosophy of Science.
Philip F. Rehbock (Johns Hopkins University) received the 1974 Schuman Prize for his essay, "Huxley, Haeckel, and the Oceanographers: The Case of Bathybius haeckelii."


APPOINTMENTS AND PROMOTIONS

Ruth Schwartz Cowan has been promoted to Associate Professor in the Department of History at the State University of New York at Stony Brook, effective September 1, 1974.

Elizabeth Fee has been named historian in the School of Health Services at The Johns Hopkins University, effective September 1974.

Paul M.J. Potter has been appointed to the Jason A. Hannah Chair for the History of Medicine and Related Sciences at the University of Western Ontario.

Joan N. Warnow has been appointed Associate Director of the Center for History of Physics in the American Institute of Physics in New York. She served as Librarian since 1965, and as Acting Director since July 1, 1974.

Spencer R. Weart has been appointed Director of the Center for History of Physics in the American Institute of Physics in New York. He succeeds Charles Weiner in this position and will arrive at the Center in late November 1974.

VISITING APPOINTMENTS

Robert Fox, Senior Lecturer in the History of Science at the University of Lancaster, England, will become a member of the School of Historical Studies at the Institute for Advanced Study, Princeton, for the academic year 1974-75.

Bert Hansen has been appointed Visiting Assistant Professor in the Department of History at the State University of New York at Binghamton for the academic year 1974-75.

Keith Nier has been appointed Visiting Assistant Professor of the History of Science and Technology at the University of Minnesota for the academic year 1974-75.

Nachum L. Rabinovitch, Principal of Jews College, London, has been appointed Visiting Fellow at Clare Hall, University of Cambridge, for the academic year 1974-75.

FELLOWSHIPS AND GRANTS

Daniel Serwer (Princeton University) has been awarded a Rockefeller Foundation Fellowship in Conflict in International Relations, in part for research on "The Biological Effects of Ionizing Radiation: Scientific Discovery and International Response."

The National Science Foundation awarded research grants in the History and Philosophy of Science between July 1973 and June 1974 which included the following: (1) A. Aaboe (Yale University), "Investigations of Ancient Mathematical Astronomy"; (2) R. E. Allen (Institute for Advanced Study), "Origins of Concepts in Mathematics and Physics"; (3) G. Birkhoff (American Academy of Arts and Sciences), "Conference on the Historical Development of Modern Mathematics"; (4) S.G. Brush (University of Maryland), "History of Planetary Physics"; (5) N.D. Cartwright (Stanford University), "Philosophic Analysis of Quantum Mechanics"; (6) R.N. Giere (Indiana University), "Statistical Inference and Scientific Inquiry"; (7) C. Glymour (Princeton University), "Strategies of Theory Testing"; (8) E. Guth (University of Tennessee), "The Development of General Relativity Theory"; (9) J.D. Hart (University of California, Berkeley), "History of Science and Technology..."; (10) T.W. Hawkins, Jr. (Boston University), "Killing's Contributions to Lie Algebra"; (11) J.L. Heilbron (University of California, Berkeley), "The Origins of the Exclusion Principle"; (12) R. Huang (State University of New York at New Paltz), "Development of Science in Traditional China"; (13) T.S. Kuhn (Institute for Advanced Study), "The History of Quantum Physics"; (14) B. Mates (University of California,

The National Science Foundation awarded doctoral dissertation research grants in the History and Philosophy of Science between July 1973 and June 1974 for work being carried out by (1) James E. McClellan (Princeton University) and (2) Ronald H. Mueller (University of New Hampshire).

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.

University of California, Santa Barbara

Alan Beyerchen, "The Politics of Academic Physics in the Third Reich: A Study of Ideology and Science" (completed and accepted for publication by Yale University Press).

University of Oklahoma


John H. Eddy, Jr., "Late 18th-Early 19th Century Theories of the Effect of Environmental Factors on the Formation of Human Races" (in progress).

Dwayne R. Mason, "Eighteenth-Century Theories of Evaporation and Rain" (in progress).


University of Pennsylvania


Tonja A. Koeppe1, "Benzene - Structure Controversies: 1865-1920" (completed).


Susan Sheets-Pyenson, "Popular Scientific Literature in the Nineteenth Century" (in progress).


University of Texas

Michele L. Aldrich, "New York Natural History Survey, 1836-1845" (completed).

CORRECTION TO BOOKS RECEIVED BY ISIS: JANUARY-APRIL 1974


— Block 2: Coal, the Basis of Nineteenth-Century Technology. Unit 4 prepared by C.A. Russell. 60 pp., 51 illus.

— Block 3: Atoms and Electricity. Units 5-7 prepared by C.A. Russell, D.C. Goodman. 128 pp., 83 illus.


— Block 5: Science and Public Health. Unit 10 prepared by Ruth Hodgkinson. 64 pp., many illus.


— Block 8: The Wider Issues. Units 16-17 prepared by D.C. Goodman, Steven Rose. 84 pp., 14 illus.

Emilio Balaguer Pargellí, La introducción del modelo físico-matemático en la medicina moderna. Análisis de la obra de G. A. Borelli (1608-1679, De motu animalium. (Cuadernos Hispánicos de Historia de la Medicina y de la Ciencia, XIV, Serie A (Monografías.) 163 pp., 19 illus., bibl. Valencia-Granada: Cuadernos Hispánicos..., 1974. 200 pesetas (paper).


Readings from Scientific American: Scientific Technology and Social Change. With introductions by Gene I. Rochlin. 403 pp., 340 illus., bibl., index. San Francisco: W. H. Freeman, 1974. $12.50 (cloth), $6.95 (paper).
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.

1. University of California, Los Angeles, Los Angeles, California 90024.
   Position: Assistant Professor of History.
   Status: Definite temporary 1975-76; probable ladder appointment.
   Qualifications: Ph.D. and some teaching experience in history of science.
   Deadline for applications: December 31, 1974.
   Description: Concentration in late 19th-20th century physical sciences and/or social-political relations of science and technology in the 19th-20th century.
   Note: The University of California, Los Angeles, is an Equal Opportunity/Affirmative Action employer.
   Contact: Professor Robert N. Burr, Chairman, Department of History.

2. University of Kentucky, Lexington, Kentucky 40506.
   Position: Assistant Professor in U.S. Science and Technology, preferably with a secondary field in the history of military institutions.
   Status: Probable; will be finalized November 15.
   Description: Teach a survey of American History and develop courses in one's area(s) of special interest.
   Contact: Professor Bruce Eastwood, Department of History.

3. University of Michigan, Ann Arbor, Michigan 48104.
   Status: Tentative, beginning fall 1975.
   Description: Joint appointment between History and Medicine. Interested in someone with broad interests who would be willing to work toward the development of interdisciplinary courses and programs in the history of medicine.
Note: The University of Michigan is an Equal Opportunity/Affirmative Action employer.

Contact: Chairman, Department of History.

Position: Visiting Assistant Professor in the General Program of Liberal Studies and the Graduate Program in the History of Philosophy of Science, beginning fall 1975.
Status: Definite. This is a one year temporary appointment as a sabbatical replacement.
Specialties: Preferably not history of earth and life sciences or of modern physics.
Contact: Professor John Lyon, Chairman, General Program of Liberal Studies.

5. Oregon State University, Corvallis, Oregon 97331.
Position: Visiting Assistant Professor in the Department of General Science.
Status: Temporary.
Description: The position is for a full-time Visiting Assistant Professor for winter and/or spring terms, 1975. Teaching responsibility will include a seminar and a section of the history of science survey.
Note: Oregon State University is an Affirmative Action/Equal Opportunity employer.
Contact: Dr. David L. Willis, Chairman, Department of General Science, Phone (503) 754-1151.

Position: Assistant Professor of History and Philosophy of Science. Higher rank possible.
Status: Definite.
Deadline for applications: December 1, 1974.
Description: Good teaching and strong research potential essential. Teaching will be at both graduate and undergraduate levels.
Note: The University of Pittsburgh is an Equal Opportunity/Affirmative Action employer.
Contact: Professor Kenneth F. Schaffner, Chairman, Department of History and Philosophy of Science, 223 Leffler Building.

Position: Assistant Professor of History of Technology and Science.
Status: Definite, beginning fall 1975.
Qualifications: Ph.D. in hand or assurances of receiving it before fall 1975.
Description: Appointees will be expected to develop and teach courses in the history of technology (engineering) and in United States history. These courses should place some emphasis on the impact of new technologies, upon value systems and evolving, general cultural patterns.
Note: Rensselaer Polytechnic Institute is an Equal Opportunity/Affirmative Action employer.
Contact: Professor Joseph E. Brown, Chairperson, Department of History and Political Science.
8. University of Toronto, Toronto M5S 1A1, Ontario, Canada.
   Position: Temporary opening for academic year 1975-76 to fill in for staff member on sabbatical leave.
   Application information: Applicants who already have a dossier on file need only write expressing interest and giving supplementary information. Others should send a complete curriculum vitae and arrange for three letters of recommendation to be sent.
   Contact: Professor Kenneth O. May, Director, Institute for the History and Philosophy of Science and Technology.

9. Wesleyan University, Middletown, Connecticut 06457.
   Position: Opening in medieval history.
   Status: Possible.
   Contact: Professor Nathanael Greene, Chairman, Department of History.
Postmaster: Return postage guaranteed.

Professor Roger H. Stuewer
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