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 FROM SEPTEMBER 1, 1974, TO 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 November issue is October 20, and THIS WILL BE THE ONLY CALL FOR NEWS THAT WILL BE ISSUED.

1974 HSS 50TH ANNIVERSARY MEETING IN NORWALK, CONNECTICUT (OCTOBER 25-27)

The History of Science Society will hold its 50th Anniversary Meeting in Norwalk, Connecticut, on Friday, Saturday, and Sunday, October 25-27, 1974. The Burndy Library, founded by Bern Dibner, will host the meeting. The Local Arrangements Chairwoman is Professor Nancy Stepan, University of Massachusetts at Amherst (home address: 99 Forest Road, New Haven, Connecticut 06515). Program Chairman is Professor Michael J. Crowe, Program in History and Philosophy of Science, University of Notre Dame, Notre Dame, Indiana 46556. The final program appears below. Professor John C. Greene, University of Connecticut, is the Anniversary Committee Chairman. Special commemorative events and historical exhibits are planned for the meeting.

PRE-REGISTRATION FORM
1974 HSS 50TH ANNIVERSARY MEETING, NORWALK, CONNECTICUT (OCTOBER 25-27)

Name ____________________________
Affiliation ____________________________
or
Mailing Address ____________________________

_____ Enclosed is $5.00 registration fee (students, $2.00).

_____ Also enclosed, $8.95 for the banquet on Friday evening, October 25.

Checks should be made out to the History of Science Society and mailed together with this form to Isis Editorial Office, Smithsonian Institution, Washington, D.C. 20560.
Participants in the 1974 HSS 50th anniversary meeting, October 25-27, will be staying at the Holiday Inn, Norwalk, Connecticut. To reach the Holiday Inn, if you are coming by air, make your plane reservation to either Kennedy or La Guardia Airport in New York City. At the airport use the courtesy phone to call the Connecticut Limousine Service, and purchase a ticket to the Howard Johnson Motel at Darien, Connecticut. A one-way ticket costs $10 and the time of travel is approximately 45 minutes. The last limousine leaves at 11:45 P.M. At the Howard Johnson Motel, phone a taxi to transport you to the Holiday Inn two miles away (call either Darien Taxi Company at 655-1461 or the Columbia Taxi at 853-1267). If you are driving, take Route I-95 (Connecticut Turnpike) to Exit 13. By train, there is local service to Norwalk from New York. Amtrak service is available to Stamford and Norwalk. From Stamford, take a local train to Norwalk.

1974 HSS 50TH ANNIVERSARY MEETING PROGRAM

Friday, October 25

Development of the History of Science Since the Founding of the Society (1924-1974)

9:00 AM, Norwalk Room (Holiday Inn)
Chairman: Asger Aaboe (Yale)
Carl B. Boyer (Brooklyn College, CUNY): Reflections on the Progress of the History of Mathematics since 1924
Commentator: Kenneth O. May (Toronto)

9:00 AM, Main Room (Burndy)
Chairman: Robert C. Stauffer (Wisconsin)
John C. Greene (Connecticut): Reflections on the Progress of Darwin Studies
Commentator: Sandra Herbert (Maryland, Baltimore)

9:00 AM, Faraday Room (Burndy)
Chairman: Charles C. Gillispie (Princeton)
Henry M. Leicesteer (University of the Pacific): Reflections on the Progress of the History of Chemistry
Commentator: Arnold Thackray (Pennsylvania)

10:45 AM, Norwalk Room (Holiday Inn)
Chairman: Robert P. Multhauf (Smithsonian)
Lynn White, Jr. (UCLA): The Historiography of Medieval Technology
Commentator: Melvin Kranzberg (Georgia Institute of Technology)

10:45 AM, Main Room (Burndy)
Chairman: Robert E. Schofield (Case Western Reserve)
Commentator: J.E. McGuire (Pittsburgh)

10:45 AM, Faraday Room (Burndy)
Chairman: Frederick Churchill (Indiana)
Jane M. Oppenheimer (Bryn Mawr): Reflections on the History of Biology
Commentator: Gerald Geison (Princeton)
2:00 PM, Main Room (Burndy Library)
A Half Century of the History of Science Society
Presiding: Henry Guerlac (Cornell)
Panelists: Some Members of the Society from its Early Days

6:00 - 7:00 PM, Abbey Ballroom (Holiday Inn) COCKTAIL PARTY

7:00 PM, Abbey Ballroom (Holiday Inn) HISTORY OF SCIENCE SOCIETY BANQUET, Presentation of Schuman Prize, Pfizer Award and Sarton Medal

Saturday, October 26

9:00 AM, Norwalk Room (Holiday Inn)
Charles Sanders Peirce: Scientist, Mathematician and Historian of Science (Jointly Sponsored by the Metropolitan New York Section)
Chairman: Thomas B. Settle (Polytechnic Institute of New York)
Presiding: Max H. Fisch (Texas Tech)
Victor F. Lenzen (California, Berkeley): Peirce as a Mathematician Physicist
Thomas G. Manning (Texas Tech): The Coast Survey in the Time of C.S. Peirce
Carolyn Eisele (Hunter, CUNY): Peirce as a Mathematician and Historian of Science
Thomas C. Caudallader (Indiana State): Peirce as an Experimental Psychologist

9:00 AM, Main Room (Burndy)
Alternatives in Historical Methodology
Chairman: William Coleman (Johns Hopkins)
John L. Heilbron (California, Berkeley): Quantitative History
Saul Benison (Cincinnati): Oral History
Robert E. Kohler (Pennsylvania): Social History
Owen Hannaway (Johns Hopkins): The Primacy of the Text
Commentator: George Basalla (Delaware)

9:00 AM, Faraday Room (Burndy)
Work in Progress: General
Chairwoman: Pearl Kibre (CUNY)
Nan L. Britt (Nebraska, Omaha); Jerry L. Ray (Omaha); Wesley M. Stevens (Winnipeg): Medieval Scientific Writings in Manuscript: Accessibility
Kenneth Thibodeau (Philadelphia): Class, Culture and Science in Germany in the Late 16th Century
Edward M. Jaehne (Utah): John Donne on Man and the New Philosophy in the Anniversarie Poems
John T. Kelly (Harvard): Almanac Makers in 17th Century English and American Science
Deirdre M. LaPorte (Niles, Michigan): Women, Science and Education in the Early 18th Century
Raymond J. Maras (Dayton): Napoleon, Science and the Natural Man

HOTEL RESERVATIONS FORM

1974 HSS 50TH ANNIVERSARY MEETING, NORWALK, CONNECTICUT (OCTOBER 25-27)

The Local Arrangements Committee announces that hotel reservations for the 1974 HSS 50th anniversary meeting may now be made. Please send the following reservation form to:
Reservation Manager, Holiday Inn of Norwalk, 489 Connecticut Avenue, Norwalk, Conn. 06854.

Name ____________________________________________
Address __________________________________________

I wish to reserve: A single room ($20) A shared double ($25).
I will stay the following nights: Oct. 24 Oct. 25 Oct. 26 Oct. 27
Martin Dyck (MIT): Goethe and Mathematics
Reese V. Jenkins (Case Western Reserve): Franz von Baader and German Naturphilosophie
Harry W. Paul (Florida): The Reception of Duhamel's Ideas on Science by Catholic Intellectuals
William McQuibben (Akron): The Society for Freedom in Science, 1940-1945
John A. Waring (Takoma Park, Maryland): The Three Postulates of Science and the Ideologies Historically Antithetical to Them

12:30 PM, Cafeteria, Burndy Corporation
BURNDY CORPORATION LUNCHEON

2:00 PM, Norwalk Room
(Holiday Inn)
Committee on Undergraduate Education in the History of Science
Chairman: Harold Issadore Sharlin (Iowa State)
Harold Issadore Sharlin: Summary of the Committee's Interim Report
Arthur L. Donovan (West Virginia): The Implications of the Committee's Interim Report: The History of Science--Assimilation or Innovation?
Commentators (Committee on Undergraduate Education):

2:00 PM, Main Room (Burndy)
Recent Historiographic Writings in the History of Science
Chairman: Laurens Laudan (Pittsburgh)
Nicholas H. Steneck (Michigan) and Jean-Claude Guédon (Montreal): Language, Structure, and Michel Foucault
Gerald Holton (Harvard): Thematic Origins of Scientific Thought
Commentator: Robert K. Merton (Columbia)
Maurice A. Finocchiaro (Nevada, Las Vegas): History of Science as Explanation

2:00 PM, Faraday Room (Burndy)
Work in Progress: Physical Sciences
Chairman: Allen G. Debus (Chicago)
Christopher Anagnostakis (Yale): The Arabic Version of Ptolemy's Planisphaerium
Saleh Omar (Chicago): Ptolemy and Alhazen: A Comparative Study of Their Methods in Optics
Bruce S. Eastwood (Kentucky): Analogy in the Optics of Descartes and Grimaldi
Alice Stroup (Somerville College, Oxford): Development of Chemical Identification Tests in the 17th Century

Reservation Manager
Holiday Inn of Norwalk
489 Connecticut Avenue
Norwalk, Conn. 06854
Saturday, October 26 (cont.)

Stephen G. Brush (Maryland)
Harold L. Burstyn (William Paterson)
Sandra Herbert (Maryland, Baltimore)
Michael S. Mahoney (Princeton)

Commentator: Joseph Agassi (Boston)
Noretta Koertge (Indiana): The Historiographic Thought of Imre Lakatos
Commentator: Erwin N. Hiebert (Harvard)

George Gale (Missouri, Kansas City): Leibniz and Some Aspects of Field Dynamics
June Z. Fulmer (Ohio State): Humphry Davy: Reform President of the Royal Society
Paul D. Sherman (Pace): Clerk Maxwell's Contribution to Color Theory
Judith Goodstein (Cal Tech): Levi-Civita, Einstein and the Italian Connection
Elizabeth Garber (SUNY, Stony Brook): James Jeans' First Gas Theory and the Uses of Failure in Physics
Thaddeus J. Trenn (Regensburg): Müller and the Geiger-Müller Counter

8:00 PM, Main Room (Burndy) ANNUAL BUSINESS MEETING, Including a Report of the Committee on the Revision of the HSS Statutes

Sunday, October 27

9:00 AM, Norwalk Room (Holiday Inn) Evaluation of the New Research Resulting from the Copernicus Commemoration Year 1973

9:00 AM, Main Room (Burndy) History of Mathematics and Recent Philosophies of Science
Chairman: Thomas Hawkins (Boston)

9:00 AM, Faraday Room (Burndy) Work in Progress: Biological Sciences
Chairman: Leonard G. Wilson (Minnesota)
Thomas C. Cadwallader

BABYSITTING SERVICES AND CHEAP ACCOMMODATIONS
1974 HSS 50TH ANNIVERSARY MEETING, NORWALK, CONNECTICUT (OCTOBER 25-27)

Those still interested in and really needing babysitting services and/or cheap accommodations while attending the 1974 HSS 50th anniversary meeting, please send the following information immediately to: Professor Nancy Stepan, Department of History, Herter Hall 712, University of Massachusetts, Amherst, Mass. 01002.

Name __________________________________________

Address ________________________________________

I am interested in babysitting facilities for ____ (number) children, ages ________.
I am interested in cheap accommodations, if they can be found. I prefer a ________
__________________________ (single, shared double) room.
Chairman: Edward Rosen (CUNY)
Owen Gingerich (Harvard and Smithsonian Astrophysical Center)
Commentators: Victor E. Thoren (Indiana) and Robert S. Westman (UCLA)
Paul Lawrence Rose (NYU)
Commentator: Erna Hilfstein (CUNY)
William L. Hine (Atkinson College, York University)
Commentator: William R. Shea (McGill)

Joyce V. Cadwallader and Lorne A. Semrau (Indiana State):
Neural Control and Brain Localization in the Edwin Smith Papryus
Melvyn Keiner (Mercy College):
The Pharmacology of Moses Maimonides: A Model for the Study of Humoral Medicine
Shirley Roe (Harvard): The Haller-Wolff Debate Over Embryological Development, 1758-1770
John Lyon (Notre Dame): Moral Arithmetic and the Manner of Studying Natural History
Phillip Sloan (Notre Dame): Buffon, Adanson and Lamarck on the Natural System
Michael P. Kinch (Oregon State): British Theories of Biography, 1800-1859
Leroy E. Page (Kansas State): Roderick I. Murchison and His Controversy with Adam Sedgwick
Malcolm Kotler (Yale): George Romanes and Evolutionary Theory After Darwin
Glenn Vandervliet (Northfield Mount Hermon): Ferdinand Cohn and Robert Koch: The Centennial of a Life-Saving Paradigm
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Sunday, October 27 (cont.)

12:30 PM, Wilton Room (Holiday Inn) HSS COUNCIL MEETING (Luncheon)

1:30 PM, Trip to Yale University for Reception Hosted by the Yale Historians of Science and Medicine, Departing From the Lobby of the Holiday Inn

PROPOSAL OF COMMITTEE ON REVISION OF THE HSS STATUTES

The Committee on Revision of the HSS Statutes (Richard S. Westfall, Chairman, Barbara Rosenkrantz, Richard Olson) will present for discussion at the 1974 annual business meeting in Norwalk the following proposed changes to the HSS Statutes:

1. The office of Second Vice-President is abolished. The succession of Vice-President to President is made explicit by designating the Vice-President as President-elect;
2. The anachronistic suggestion that the offices of Secretary and Treasurer can be held by one person is eliminated;
3. The Nominating Committee is made elective;
4. The Nominating Committee is instructed to nominate two candidates for each vacant position;
5. Nomination by petition is instituted;
6. Since there will probably be at least three candidates for most positions, the requirement of a majority is changed to allow for election by a plurality;
7. Meetings of the Council are explicitly opened to attendance by members of the Society;
8. Items can be put on the agenda of the Council by the petition or vote of fifteen members of the Society. To implement these changes, the Committee will propose to amend the HSS Statutes [see Isis, 64 (1973), pp. 145-146] to read as follows:

Article 7. The officers shall be a President, a Vice-President who is President-elect, a Secretary, and a Treasurer.

Article 10. The President and the Vice-President shall be elected by ballot for two calendar years; in each year five members of the Council shall be elected for three calendar years; in each year a Nominating Committee for the following year shall be elected. The Nominating Committee, consisting of three members of the Council and two other members of the Society, shall prepare a ballot to be sent to each member of the Society at least a month before the annual meeting. For the office of President, the ballot shall contain the name of the President-elect. For the office of Vice-President, the ballot shall contain the names of two candidates proposed by the Nominating Committee together with the names of other candidates nominated by petitions signed by at least twenty-five members of the Society. For the Council, the ballot shall contain the names of ten candidates proposed by the Nominating Committee together with the names of other candidates nominated

(continued on page 8)

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 the February and May 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.)
by petitions signed by at least fifteen members of the Society. For the Nominating Committee of the following year, the ballot shall contain ten names separated into two lists, one with six names of members of the Council, the other with four names of other members of the Society; together in both cases with the names of other candidates nominated by petitions signed by at least fifteen members of the Society. The candidate receiving the largest number of votes shall be the chairperson of Nominating Committee. Nominating petitions, together with the agreement of the person nominated, must reach the chairperson of the Nominating Committee by the first of September of the year of the election. Each list of candidates on the ballot shall be arranged in alphabetical order without further distinctions, and there shall be blank spaces after each list in which the voter may substitute other names. A plurality of all votes cast either in person or by mail shall constitute election. In the event of a tie vote, the members of the Society present at the annual meeting shall choose by ballot between the nominees with the highest number of votes.

Article 13. Add the following two sentences to the present text: Meetings of the Council shall be open to members of the Society. Members of the Society can place items on the agenda of the Council by petitions received at least a month before the meeting bearing the signatures of at least fifteen members of the Society or by a motion supported by fifteen of the members present at the annual business meeting.

Anyone wishing to comment on these proposed changes at this time is invited to contact Professor Westfall at the Department of History and Philosophy of Science, Indiana University, Bloomington, Indiana 47401.

HISTORICAL EXHIBITS

1974 HSS 50TH ANNIVERSARY MEETING, NORWALK, CONNECTICUT (OCTOBER 25-27)

The Program Committee has already made some special plans to celebrate the 50th anniversary of the founding of our Society, but it is hoped that a number of historical exhibits showing the development of the history of science at various universities will also be displayed. We hereby urge persons at each of the major centers for the history of science to prepare exhibits of the development of the history of science at their universities or institutions. Such exhibits might include lists of historians of science who now teach or have taught and/or received doctorates from the university, ideally illustrated with photos. Pictures or descriptions of current programs or of special meetings or events held at various universities or institutions might also be included. Mr. Bern Dibner, Founder and Director of the Burndy Library, has agreed to display such materials at his library during the meeting and to provide cardboards (2 x 3 feet) on which they may be mounted, provided they are requested in advance. Questions concerning such exhibits may be directed to Professor Michael J. Crowe, Program Chairman, 1974 HSS Meeting, Program in History and Philosophy of Science, University of Notre Dame, Notre Dame, Indiana 46556.

Professor John G. Burke, Treasurer
History of Science Society
Department of History
University of California at Los Angeles
Los Angeles, California 90024
A wide variety of churches are within easy distance of the Holiday Inn. Information on their location may be obtained by asking at the front desk of the hotel.

CONFERENCE ON THE HISTORY OF DISCOVERY
(UNIVERSITY OF MICHIGAN, OCTOBER 31-NOVEMBER 1, 1974)

A conference on the history of discovery, "The New Worlds and the Old: Reciprocal Influences in the Age of Discoveries," will be held at the University of Michigan, October 31-November 1, 1974. Participants will include J.H. Parry, C.R. Boxer, Eila Campbell, Thomas Goldstein, Edward Van Kley, Amy Gordon, and David Quinn. The Conference will be held in conjunction with the annual meeting of the Society for the History of Discoveries. For additional information write Professor Douglas W. Marshall, Coordinator, Program in the History of Discovery, Clements Library, University of Michigan, Ann Arbor, Michigan 48104.

WINTER MEETING OF THE BRITISH SOCIETY FOR THE HISTORY OF SCIENCE
(UNIVERSITY OF MANCHESTER, JANUARY 3, 1975)

The Winter meeting of the British Society for the History of Science will be held at the University of Manchester Institute of Science and Technology on January 3, 1975. Members are invited to submit suggestions for papers to be read at this meeting. Suggestions for titles with short synopses should be sent by September 30, 1974, to the programme secretary, Mr. H.G.L. Bevan, Chelsea College, Manresa Road, London SW3, England.

INTERNATIONAL SOCIETY FOR THE COMPARATIVE STUDY OF CIVILIZATIONS MEETING
(UNIVERSITY OF PITTSBURGH, MARCH 21-23, 1975)

The next annual meeting of the International Society for the Comparative Study of Civilizations (U.S.) will be held at the Center for International Studies, University of Pittsburgh, March 21-23, 1975. The topics of sessions planned include Analytical Problems in the Study of Civilizations; Pioneers of Civilizational Analysis (Burckhardt, Huizinga, M. Weber; Durkheim and the Neo-Durkheimians); Islam in Civilizational Perspective; Frontiers and Conflicts of Civilizations; and Civilizational Encounters, East and West. Interested scholars are invited to submit papers on these and allied topics for presentation at sessions reserved for such contributions. Papers should be sent to the President of the Society, Professor Benjamin Nelson (of the Graduate Faculty of the New School for Social Research), at 29 Woodbine Avenue, Stony Brook, New York 11790.

THE CHARLES LYELL CENTENARY SYMPOSIUM (LONDON, AUGUST 31-SEPTEMBER 5, 1975)

The sixth symposium of the International Committee on the History of Geological Sciences will be held August 31-September 5, 1975, at Imperial College, London. The Symposium will explore Lyell's work in the context of 19th century science, its background and the origin of his ideas, and its legacy for modern science. There will be excursions to Scotland and Hampshire associated with the Symposium. Copies of the First Notice may be obtained from the Secretary of the Organising Committee, J.C. Thackray, Institute of Geological Sciences, Exhibition Road, London SW7 2DE, England.

1976 AAAS MEETING (BOSTON, MASSACHUSETTS)

Professor George Basalla, Department of History, University of Delaware, Newark 19711, writes that as Secretary of Section L (History and Philosophy of Science) of the American Association for the Advancement of Science, he wishes to call attention to the 1976 AAAS Meeting which will be held in Boston, Massachusetts. This meeting, celebrating the bicentennial anniversary of the United States, will probably be held in connection with the British Association for the Advancement of Science. Therefore, in 1976 we face a bicentennial and international meeting of the AAAS. It is imperative that plans be made...
immediately for the historical portions of that program. Anyone having suggestions for larger themes, sessions, or topics should send them to Professor Basalla as soon as possible.

REPORT ON ANNUAL MEETING OF INTERNATIONAL SOCIETY FOR THE COMPARATIVE STUDY OF CIVILIZATIONS (BOSTON UNIVERSITY, FEBRUARY 22-23, 1974)

The International Society for the Comparative Study of Civilizations (U.S.) held its annual meeting at the Sherman Union of Boston University on February 22 and 23, 1974. It was held in conjunction with the annual meeting of the Society for Cross-Cultural Research (SCCR). The topics of the sessions included Times of Troubles and the Development of Civilizations; Comparative Images of the Individual; Science and Civilization 'East' and 'West': Needham's Challenge; and Promising Theoretical Perspectives for Future Research in Comparative Civilizations. There was also a joint symposium with the SCCR on Friendship. Papers were presented by Talcott Parsons, Adda Bozeman, Chung-ying Cheng, Benjamin Nelson, Vytaiadas Kavolis, David Kopf, Romauld Misiunas, Nathan Sivin, Sam Edgerton, Jr., E. B. Walter, Robert Hall, Carroll J. Bourg, Roland Robertson, and Michael Flack. Commentators included Herbert Mason, Edmund S. Glenn, Edmund Leites, and Donald Nielsen. Luncheons on both days were devoted to Theoretical Issues in the Comparative Study of Civilizations and Civilizational Encounters.

ANATOLY AND FREDA KOLOT SHVARTZMAN

Mrs. Mary Mackler, Director, Program for Soviet Emigre Scholars, 345 East 46th Street, Room 800, New York, New York 10017 (phone 212-687-0520), wishes to call attention to Anatoly and Freda Kolot Shvartzman, who are attempting to locate positions in the United States as soon as possible. Dr. Shvartzman was born in Leningrad in 1923, received his M.D. degree from the Moscow Institute of Medicine in 1948, practised medicine for several years, obtained a degree in history from Moscow University in 1950, and worked as a research associate in the history of science at the Academy of Medical Sciences in Moscow. He has with him previously unstudied archival materials, both government and private, unpublished letters, etc., especially on the history of modern biology in the Soviet Union. His English is good. Mrs. Shvartzman was born in Leningrad in 1933, received her degree in biology from the Leningrad Pharmaceutical Institute in 1956, and her degree as Kandidat of Biological Sciences (equivalent to a U.S. Ph.D.) in 1970. She has worked from 1962-1970 as a scientist and researcher at the U.S.S.R. Institute for Vitamin Research in Moscow, and from 1970-1973 she headed a research group at the U.S.S.R. Institute for Research in Agricultural Microbiology, Moscow, where she worked out technical conditions and regulations for commercial production of a new forage product, microbeorigin carotene, for use in cattle breeding and poultry farming. References and further information on the Shvartzmans are available from Mrs. Mackler, or directly from the Shvartzmans at 8005 Eastern Avenue, Apt. 109, Silver Spring, Maryland 20910 (phone 301-588-7613).

SLOAN GRANT AWARDED TO HSS TO IMPROVE UNDERGRADUATE EDUCATION

The Alfred P. Sloan Foundation has awarded the HSS $13,250 to support a study intended to lead to improved undergraduate education in the History of Science. The grant will be administered by Iowa State University. The principal investigator is Professor Harold I. Sharlin, Chairman of the HSS Committee on Undergraduate Education in the History of Science.

CANADIAN SOCIETY FOR HISTORY AND PHILOSOPHY OF MATHEMATICS FOUNDED

At its first annual meeting on June 3-4, the Canadian Society for History and Philosophy of Mathematics/ Société Canadienne d'Histoire et de Philosophie des Mathématiques followed
the program announced in the May 1974 Newsletter. The constitution, adopted at the founding meeting on June 3 at the University of Toronto, stated that "the aim of the Society is to promote throughout Canada discussion, research, teaching, and publication in the history and the philosophy of mathematics." Membership is open to "any person with an interest in the history or philosophy of mathematics." The first Executive Council was elected as follows. President: Charles V. Jones (York University); Vice-President: Tom W. Settle (Guelph University); Secretary-Treasurer: John L. Berggren (Simon Fraser University); Council Members: W.S.H. Crawford (Mount Allison University); N.T. Gridgeman (National Research Council); and Fred Ustina (University of Alberta at Edmonton). Annual dues are $4.00 (Canadian) or $10.00 (Canadian) for those who also wish to subscribe to Historia Mathematica, the official journal of the Society. To apply for membership, please send a cheque or money order for the appropriate amount, along with a statement indicating area(s) of interest in the history or philosophy of mathematics to Prof. J. L. Berggren, Secretary-Treasurer CSHPM/SCHPM, Department of Mathematics, Simon Fraser University, Burnaby, British Columbia V5A 1S6, Canada.

SOCIETY OF MEDICAL HISTORY OF CHICAGO OFFICERS

The newly elected officers of the Society of Medical History of Chicago are Allen G. Debus, President; Dr. Hans Kienast, Vice-President, and Walter Necker, Secretary-Treasurer.

CHICAGO AREA HISTORIANS OF SCIENCE AND MEDICINE DIRECTORY

Anyone wishing to obtain a copy of the 1974-75 Directory of Chicago Area Historians of Science and Medicine should write to Professor Allen G. Debus, Director, The Morris Fishbein Center, University of Chicago, 1126 East 59th Street, Chicago, Illinois 60637.

JOHNS HOPKINS UNIVERSITY-UNIVERSITY OF MONTREAL EXCHANGE PROGRAM

An exchange program between the Department of the History of Science of Johns Hopkins University and the Institute d'histoire et de sociopolitique des sciences of the University of Montreal was established this year. The program provides for an exchange of faculty and students with the intention of promoting higher studies in the history and socio-politics of science. Professor Jean-Claude Guédon of Montreal will teach at Johns Hopkins in the spring semester of 1975, and Professor Owen Hannaway of Johns Hopkins will teach at Montreal the same semester.

TOWER BRIDGE EXHIBITION IN SCIENCE MUSEUM, LONDON

A small exhibition opening at the Science Museum in London on May 22 gathers together impressions of Tower Bridge recorded in a number of different media. The exhibition will include original pen-and-ink sketches from which the architect, Sir John Wolfe Barry, ultimately evolved his final design, alongside photographs of the Bridge throughout its life. The exhibition will be on display for about four months, Monday-Saturday 10:00 AM - 6:00 PM and Sunday 2:30 - 6:00 PM.

ANNALS OF SCIENCE

Annals of Science publishes original papers and reviews of books on the history of science and technology since the Renaissance. The editing of the journal has been carried out for a number of years by Dr. N.H. de V. Heathcote, who has recently decided to retire from the Editorial Board, and the new editor, Dr. I. Grattan-Guinness, is reconstituting the board with recognized authorities in the various disciplines of the history of science. The international character of the journal, in both subject matter and authorship, will be preserved, and revised information for contributors and subscribers will be published in the second issue of Volume 31. The editorial board, to date, consists of E.J. Aiton, H. Kangro, A.G. Keller, D.M. Knight, R.E.W. Maddison, R.C. Olby, J.R. Ravitz, C.B. Schmitt, C. Webster, and H.I. Sharlin.
BIO-MEDICAL RESEARCH IN PROGRESS

The American Association for the History of Medicine is planning to issue a new listing of current research being conducted on topics in the history of medicine and related sciences. Individuals and department heads desiring to have their projects, including dissertations, listed are urged to send the following information before December 1, 1974, to James H. Cassedy, National Library of Medicine, 8600 Rockville Pike, Bethesda, Maryland 20014: (1) Name of investigator, (2) Institution or mailing address, (3) title of research topic, and (4) estimated completion date.

RESEARCH ON ORIGINS OF BAAS

Dr. Arnold Thackray (University of Pennsylvania) and Mr. J. B. Morrell (University of Bradford) are cooperating in a documentary and analytical investigation of the origins and early years of the British Association for the Advancement of Science. They have been granted access to the papers of the Reverend William Vernon Harcourt. These papers, which have remained unknown and in private hands for over a century, form one of the richest primary sources for the historian of British science in the first half of the nineteenth century. The Harcourt papers include more than a thousand letters, from correspondents as varied as Charles Darwin, Humphry Davy, Michael Faraday, Justus Liebig, Charles Lyell, Sir Robert Peel and William Whewell. Using these materials, and other letters available in various public archives, Dr. Thackray and Mr. Morrell are engaged in a study of the institutional, political and social resources of early Victorian science.

AAAS SEEKS COLLEGE TEACHERS FOR SHORT COURSE PROGRAM

The American Association for the Advancement of Science (AAAS) has launched a nationwide search for 2500 college teachers to participate in a series of short courses covering a wide variety of scientific and related fields. The program is called NSF Chautauqua-Type Short Courses for College Teachers after the turn-of-the-century Chautauqua concept of traveling cultural and educational events. The selected teachers of undergraduate students will work at 12 different field centers around the United States. More than 6000 teachers over the last five years have taken part in the program. Participants attend two days of classes in the late fall, work on individual projects at their home institutions for about three months, then return for a final class session of two days. Subjects to be offered include genetics and societal problems, holography, human sexuality, ecology, astronomy, public policy analysis, water pollution, operations research, and a course entitled "Thermodynamics, Art, Poetry and the Environment." The 12 teaching centers are at Hampshire College, Syracuse University, University of Maryland, Clark College (Atlanta), Miami University, University of Wisconsin, University of Missouri-Kansas City, Louisiana State University, Oregon Graduate Center for Study and Research, Stanford, Harvey Mudd, and the University of Texas at Austin. Instructional aspects of the program are developed and administered by the AAAS through a grant from the National Science Foundation. Copies of the announcement which includes descriptions of the courses and class schedules can be obtained by writing to Project Director, NSF C-T Short Courses, AAAS, 1776 Massachusetts Avenue, N. W., Washington, D.C. 20036.

AWARDS AND HONORS

Marshall Clagett, School of Historical Studies, Institute for Advanced Study, Princeton, was awarded the honorary degree of Doctor of Humane Letters (L.H.D.) by the University of Wisconsin at its May commencement.

Glenn Sonnedecker, University of Wisconsin, History of Pharmacy, was awarded the honorary degree of Doctor of Pharmacy (Phm.D.) by the Massachusetts College of Pharmacy at its June commencement.
APPOINTMENTS AND PROMOTIONS

William R. Albury has been appointed Lecturer in History and Philosophy of Science, University of New South Wales, Australia.

John G. Burke, Treasurer of the HSS, has been appointed Dean of the College of Letters and Science at the University of California at Los Angeles.

Allen G. Debus, Professor of the History of Science, has been reappointed Director of The Morris Fishbein Center for the Study of the History of Science and Medicine at The University of Chicago for the years 1975-1978.

John M. Eyler has been appointed Assistant Professor in the Department of History of Medicine at the University of Minnesota.

Owen Hannaway has been promoted to Associate Professor in the Department of the History of Science, Johns Hopkins University, effective July 1, 1974.

Donna Haraway has been appointed Assistant Professor in the Department of the History of Science, Johns Hopkins University, effective July 1, 1974.

David Lindberg has been elected Chairman of the Department of the History of Science at the University of Wisconsin. He will be spending the spring term, 1974-1975, at the Institute for Research in the Humanities in Madison.

Russell Maulitz has been appointed Assistant Professor in the Department of History and Sociology of Science at the University of Pennsylvania. Dr. Maulitz has also been appointed Assistant Professor of the History of Medicine in the Department of Medicine of the University Medical School.

Ronald L. Numbers has been appointed Assistant Professor in the Department of the History of Medicine, University of Wisconsin Center for Health Sciences, Madison.

Lewis Pyenson has been appointed Assistant Professor in the Institut d'histoire et de sociopolitique des sciences, University of Montreal.

Roger H. Stuewer, Secretary of the HSS, has been promoted to Professor of the History of Science and Technology in the School of Physics and Astronomy and the Minnesota Center for Philosophy of Science at the University of Minnesota.

VISITING APPOINTMENTS

Carolyn Iltis will be on leave from the University of San Francisco for the year 1974-75 to teach in the Collegiate Seminar Program, "Strawberry Creek College," an innovative undergraduate program at the University of California, Berkeley.

Ernst Mayr has been appointed Hill Visiting Professor of the History of Biology at the University of Minnesota, Fall Quarter 1974-75.

FELLOWSHIPS AND GRANTS

Joseph Caggiano, Johns Hopkins University, has been awarded a Kent Predoctoral Fellowship of the Danforth Foundation.

William Coleman, Johns Hopkins University, Fred B. Churchill, Indiana University, and Camille Limoges, University of Montreal, have been awarded a National Science Foundation grant for the period June-July 1974 for research on the "History of Evolutionary Biology."

Robert M. Friedman, Johns Hopkins University, has been awarded a King Olav V Fellowship of the American-Scandinavian Foundation for predoctoral research in Norway, as well as a Fulbright Fellowship travel grant.
Robert H. Kargon, Johns Hopkins University, was awarded a National Endowment for the Humanities travel grant last summer for research on the "Scientific community of Victorian Manchester."

Mary Jo Nye, University of Oklahoma, has been awarded a National Endowment for the Humanities 1974 Summer Stipend for her work on "Paul Sabatier: A Study in Science and Its Institutions in the French Third Republic." She will be at the University of Pittsburgh next year as a 1974-75 Andrew Mellon Postdoctoral Fellow in the Department of History and Philosophy of Science.

Alice M. Quinlan, Johns Hopkins University, has been awarded a Smithsonian Institution Predoctoral Fellowship in the History of Science and Technology.

Alan E. Shapiro, University of Minnesota, has been awarded a two-year National Science Foundation grant to prepare a "Critical Edition of Isaac Newton's \textit{Lectiones opticae}." He is spending this summer (1974) at the University of Cambridge, England.

Roger H. Stuewer, University of Minnesota, has been awarded a two-year National Science Foundation grant for research on the "History of Nuclear Physics after 1932." He has also been named a Fellow of the American Council of Learned Societies for 1974-75. He will spend the academic year 1974-75 on sabbatical leave from the University of Minnesota at Harvard University, where he will hold an appointment as Honorary Research Associate in the History of Science.

The American Council of Learned Societies (ACLS) recently awarded eighty-five postdoctoral fellowships for research in the humanities and related social sciences. Included were: (1) Paul Benacerraf, Professor of Philosophy, Princeton University, "Truth and knowledge in mathematics"; (2) Thomas F. Glick, Associate Professor of History and Geography, Boston University, "A comparative history of Christian and Islamic Spain, 711-1250"; (3) Donald R. Laing, Jr., Associate Professor of Classics, Case Western Reserve University, "The Athenian naval lists; texts and studies"; (4) Stephen J. Noren, Associate Professor of Philosophy, California State University, Long Beach, "Theoretical identity and the positing of scientific entities"; (5) John M. Riddle, Associate Professor of History, North Carolina State University, "Dioscorides' \textit{De materia medica} in the Middle Ages"; and (6) Allen Weinstein, Associate Professor of History and Director of the American Studies Program, Smith College, "The Second Red Scare: The Cold War and American Society, 1945-1960."

The ACLS also recently awarded thirteen post-doctoral research grants in their program on East European Studies. Included was: Frances E. Svensson, Assistant Professor of Political Science, University of Michigan, "Technological alienation and the Marxist response."

The ACLS also recently awarded Grants-in-Aid to one hundred one scholars from sixty-seven academic institutions for post-doctoral research in the humanities and related social sciences. Included were: (1) James S. Donnelly, Assistant Professor of History, University of Wisconsin, "On the Hoof: The Beef-Cattle industry in 19th century Ireland"; (2) Clive Foss, Assistant Professor of History and Classics, University of Massachusetts, Boston, Visiting Fellow, Dumbarton Oaks, "History of the city in Byzantine Asia Minor"; (3) Edward Grant, Professor of History and the Philosophy of Science, Indiana University, "Place and space in medieval physical thought"; (4) Edward William Kase, Assistant Professor of History, Loyola University of Chicago, "A study of the demography and the road communication system of ancient Phocis and Doris"; (5) Francis Lippmann Loewenheim, Associate Professor of History, Rice University, "From Manchuria to Hiroshima: The diary of Henry L. Stimson relating to public and international affairs, 1929-1945", (6) Calvin O. Schrag, Professor of Philosophy, Purdue University, "Radical anthropology and the idea of a human science", (7) Juergen Schulz, Professor of Art, Brown University, "A history of Venetian civil building types", (8) Alan Trachtenberg, Professor of American
Studies, English, Yale University, "The interaction between literature and photography, particularly in America", (9) Judith M. Treistman, Associate Professor in the Ph.D. Program in Anthropology, City University of New York, Graduate Center, "The settlement system of peninsular Thailand, 1st to 6th centuries A.D.", and (10) Richard W. Unger, Assistant Professor of History, University of British Columbia, Canada, "European ship design, 600-1600."

The Josiah Macy, Jr. Foundation recently awarded sixteen fellowships in the History of Medicine and the Biological Sciences for the year 1974-75. Following are the names of those to whom new fellowships, all for pre-doctoral study, have been awarded: Toby Appel, The Johns Hopkins University; Nancy E. Gallagher, University of California, Los Angeles; Steven D. Helgerson, M.D., The Johns Hopkins University; Jane Malenschein, Indiana University; Robert Miciotto, The Johns Hopkins University; Karen Reeds, Harvard University; Dale C. Smith, University of Minnesota; and Merriley Borell Trench, Yale University. Following are the names of those whose fellowships have been renewed for 1974-75: James Bono, Harvard University; Ann Carmichael, Duke University; Peter English, Duke University; Malcolm Kottler, Yale University; Pauline Mazumdar, M.D., The Johns Hopkins University; Robert McCormick, Harvard University; and David Rosner, Harvard University.

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.

Free University of Brussels

Bryn Mawr College
Marc Rothenberg, "The Educational and Intellectual Background of American Astronomers, 1825-1875" (completed).

University of California, Berkeley
George A. Saliba, "The Technical Chronology of Ilyâ Bar Shinâyâ (February 11, 975 A.D. - c. 1050 A.D.) Metropolitan of Nisibîn" (completed).

Indiana University
Timothy W. LeNoir, "The Social and Intellectual Roots of Discovery in Seventeenth Century Mathematics" (completed).
Ronald J. Overmann, "Theories of Gravity in the 17th Century" (completed).
John D. Root, "Catholics and Science in Mid-Victorian England" (completed).

Johns Hopkins University
Caroline Hannaway, "Medicine, Public Welfare and the State in 18th-Century France: The Société Royale de Médecine of Paris (1776-1793)" (completed).
Dorian B. Kottler, "Jean Senebier and the Emergence of Plant Physiology, 1775-1802: from Natural History to Chemical Science" (completed).
Université de Montréal
Roger Bertrand, "L'étude zoologique de l'espèce humaine en France au 19e siècle" (M. Sc. in progress).
Francois Blanchard, "L'insertion de la cristallographie dans la chimie, 1800-1830" (M. Sc., in progress).
Louise Dandurand, "Les congrès scientifiques internationaux; incidences sociologiques et politiques de leur distribution géographique, 1850-1970" (M. Sc., completed).
Pauline Gagnon, "Les recherches sur les sociétés animales dans la deuxième moitié du 19e siècle" (M. Sc. in progress).
Lucie Houde, "L'Association canadienne francaise pour l'avancement des sciences et la promotion des sciences au Québec" (M. Sc. in progress).
André Morin, "Le développement des sciences naturelles au Québec de 1920 à 1940" (M. Sc. in progress).
Patrick Sharrock, "Langmuir et la théorie atomique" (M. Sc. in progress).

University of Toronto

ADDITIONAL BOOKS RECEIVED BY ISIS: JANUARY-APRIL 1974


Lynn M. Osen, Women in Mathematics. xii + 185 pp., illus., bibl., index. Cambridge, Mass./London: MIT Press, 1973. $5.95.

Frank Paluka, The Three Voyages of Captain Cook. (Beta Phi Mu: Chapbook Number Ten.) xiv + 80 pp., 2 illus., index. Pittsburgh: Beta Phi Mu, 1974. $6.00 (available from Beta Phi Mu, Princeton University, Princeton, N.J. 08540).


BOOKS RECEIVED BY ISIS: MAY-JUNE 1974


Sanborn C. Brown; Leonard M. Rieser, Natural Philosophy at Dartmouth. From Surveyors' Chains to the Pressure of Light. xii + 127 pp., 25 illus., index. Hanover, N.H.: Distributed for Dartmouth College by the University Press of New England, 1974. $6.50.


Regna Darnell, Readings in the History of Anthropology. x + 479 pp., bibl., index. New York: Harper & Row, 1974. $9.95.


H. W. Doelle (ed.), Microbial Metabolism. (Benchmark Papers in Microbiology.) xiii + 424 pp., bibl., author citation index, subject index. Stroudsburg, Pa.: Dowden, Hutchinson & Ross, 1974. $25.


Galileo, Two New Sciences, including Centers of Gravity and Force of Percussion. A New Translation with Introduction and Notes by Stillman Drake. xxxix + 323 pp., bibl., index. Madison: Univ. of Wisconsin Press, 1974. $12.50 (cloth), $4.50 (paper).

Sami K. Hamarneh, Al-Biruni's Book on Pharmacy and Materia Medica. Introduction, Commentary and Evaluation. 152 pp., illus., bibl., index. Karachi: Hamdard National Foundation, Pakistan, 1973. Rs 50.00, $6.00 (paper).

Donald M. Hassler, Erasmus Darwin. (Twayne's English Authors Series.) 143 pp., bibl., index. New York: Twayne, 1973.


Robert Reid, Marie Curie. 349 pp., illus., index. New York: Saturday Review Press, 1974. $8.95.


N. W. Saffin, Science, Religion and Education in Britain 1804-1904. xi + 367 pp., illus., bibl., index. Kilmore (Australia): Lowden; Portland, Ore.: International Scholarly Book Services, 1973. $26.40.

Paul A. Schilpp (ed.), The Philosophy of Karl Popper. (The Library of Living Philosophers, Vol. XIV.) 2 vols. xvi + 1323 pp., bibl., index. La Salle, Ill.: Open Court, 1974. $30.00.


Dudley Shapere, Galileo: A Philosophical Study. xi + 161 pp., bibl., index. Chicago/London: Univ. of Chicago Press, 1974. $9.75 (cloth), $2.95 (paper).


Nancy G. Siraisi, Arts and Sciences at Padua. The Studium of Padua before 1350. (Studies and Texts, 25.) 199 pp., bibl., index. Toronto: Pontifical Institute of Mediaeval Studies, 1973. $10.50.

Lawrence Sklar, Space, Time and Spacetime. xii + 423 pp., index. xii + 423 pp., index. Berkeley: Univ. of California Press, 1974. $15. [on philosophical issues of space and time at the root of scientific problems.]


ARCHIVES OF THE HISTORY OF AMERICAN PSYCHOLOGY

The Archives of the History of American Psychology was established at the University of Akron in 1965 to collect, preserve, and make available to scholars the primary (and ephemeral) sources of the history of psychology in the United States. As the first decade of existence approaches, the collection is the largest single depository of the unpublished records of American Psychology: almost 1000 feet of manuscripts and archives, more than 1000 photographs, some oral histories, innumerable tests, over 600 pieces of historic apparatus, and other materials relevant to the history of psychology per se and also to the role of psychology as a scientific and institutional force in the American scene. Enquiries about the possible contributions of the Archives' holdings to current or projected research should be addressed to Dr. John A. Popplestone, Archives of the History of American Psychology, The University of Akron, Akron, Ohio 44325.

HISTORY OF PSYCHOLOGY FOUNDATION FELLOWSHIP

The History of Psychology Foundation has established a Fellowship, to be awarded by the University of Akron to a young scholar to aid in expenses incurred in research conducted in the Archives of the History of American Psychology. The stipend for 1974-75 will be up to a total of $500. Nominations and enquiries should be addressed to Dr. John A. Popplestone, Archives of the History of American Psychology, The University of Akron, Akron, Ohio 44325.
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. American Society of Civil Engineers/U.S. Army Office of Engineers.
   Description: The American Society of Civil Engineers, with the cooperation of the History Division of the U.S. Army's Office of Engineers, is interested in facilitating research beginning in 1975 on the role of civil engineers in the planning of Washington, D.C. The selected applicant will participate in designing a research proposal for submission to the National Endowment for the Humanities. The project could be expected to result in the publication of the research findings. Seeking candidates at any postdoctoral level.
   Contact: Professor Richard S. Kirkendall, Executive Secretary, Organization of American Historians, 112 North Bryan, Bloomington, Indiana 47401.

2. The Bancroft Library, University of California, Berkeley 94720.
   Position: Assistant Coordinator for the History of Science and Technology Project.
   Status: Definite. Begin after September 1st for a period of one or two years.
   Description: Non-teaching, half-time job to develop, to conduct and to edit oral interviews in the history of physics and/or electrical engineering of the San Francisco Bay Area. Salary range: $6,000 - $7,000 for half time. It is possible for the Assistant Coordinator to affiliate with the Center for the History of Science and Technology at Berkeley to pursue his/her own research during the other half time.
   Qualification: Completed Ph.D. in history of modern physical sciences, and a good sense of public relations.
   Contact: Dr. Arthur L. Norberg, Coordinator, History of Science and Technology Project, The Bancroft Library, University of California, Berkeley, California 94720.

3. Iowa State University, Ames, Iowa 50010.
   Deadline for applications: November 1, 1974.
   Contact: Professor Louis G. Geiger, Chairman, Department of History.
4. University of Maryland, College Park, Maryland 20742.
   Position: One-year Visiting Professor of History, rank and salary depending on qualifications and experience, for 1975-76, full or half-time.
   Qualifications: PhD and some teaching experience in history of science. Description: Appointee will teach established courses in history of physical science (advanced undergraduate), introductory history of science survey and/or history of technology, to replace faculty member on leave. Excellent opportunities for research and interaction with historians and philosophers of science in Washington area.
   Note: The University of Maryland is an Affirmative Action/Equal Opportunity Employer and encourages applications from members of minority groups and women.
   Contact: Professor Stephen Brush, Dept. of History, University of Maryland, College Park, Maryland 20742.

5. University of Minnesota, Minneapolis, Minnesota 55455.
   Position: Assistant Professor of the History of Science and Technology.
   Status: Definite, beginning Fall 1975.
   Deadline for applications: August 31, 1974.
   Specialty: History of modern biology.
   Description: Appointee would be expected to develop and teach courses on biology and society in historical perspective, as well as courses on the history of biology which place some emphasis on philosophical issues. He or she should be able to interact well with professional biologists.
   Note: The University of Minnesota is an Equal Opportunity/Affirmative Action employer.
   Contact: Professor Roger H. Stuewer, School of Physics and Astronomy.

6. University of Minnesota, Minneapolis, Minnesota 55455.
   Position: Assistant Professor of the History of Science and Technology.
   Status: Definite, beginning Fall 1975.
   Deadline for applications: October 25, 1974.
   Specialty: History of technology.
   Description: Appointee would be expected to develop and teach courses on technology and society in historical perspective, as well as courses on the history of technology which place some emphasis on philosophical issues. He or she should be able to interact well with professional technologists.
   Note: The University of Minnesota is an Equal Opportunity/Affirmative Action employer.
   Contact: Professor Roger H. Stuewer, School of Physics and Astronomy.

   Description: The National Archives is seeking qualified applicants for possible openings in its Machine-Readable Archives Branch. Historians (ABD or PhD) with History of Science majors or extensive course-work in biology, chemistry, physics, geology or engineering are preferred. A knowledge of statistics and familiarity with computers are both desirable, but not mandatory. Contingent on funding, the salary range will be $9,969-$19,072 depending on the qualifications and experience of the candidate. Send a resume/vita and a Standard Form 171 (Application for Federal Government Employment) to Ms. Judy South, Manpower Branch (NAPP), National Archives and Records Service, Washington, D.C. 20408. Job seekers who have taken the Federal Service Entrance Exam should include their scores with the application. Others should submit their FSEE scores as soon as possible after applying.
8. University of New South Wales, Sydney, 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
in the field of his chair.
   Salary: $Aust19,614 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.
   Deadline for applications: October 11, 1974.
   Contact: For details and conditions of appointment write to Appointments Office,
P.O. Box 1, Kensington, N.S.W., Australia 2033.
Postmaster:  Return postage guaranteed.

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