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

Please send all news items, written as concisely as possible, to the Secretary of the Society, Dr. Roger H. Stuewer, School of Physics and Astronomy, University of Minnesota, Minneapolis 55455. The deadline for receipt of news items for the May issue is April 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. Norwalk is the home of the Burndy Library, founded by Bern Dibner, who will host the meeting. The Anniversary Committee Chairman is Professor John C. Greene, University of Connecticut, and the Local Arrangements Chairwoman is Professor Nancy Stepan, University of Massachusetts at Amherst (home address: 999 Forest Road, New Haven, Conn. 06515), who will be assisted by Professor Diana Hall, Biological Science Center, Boston University, 2 Cummington Street, Boston, Mass. 02215. People wishing to give "Work in Progress" papers or to suggest and/or organize sessions for this meeting should write to the Chairman of the Program Committee, Professor Michael J. Crowe, Program in History and Philosophy of Science, 318 O'Shaughnessy Hall, University of Notre Dame, Notre Dame, Indiana 46556. Since this meeting will be held in mid-fall rather than in December, all program suggestions must reach Professor Crowe by March 15, 1974. Special commemorative events will also be included in the program. The annual business meeting will feature a discussion of the Report of the Committee on Revision of the HSS Statutes (see Nominating Committee announcement below).

To aid the Local Arrangements Committee in making hotel arrangements for the 1974 Anniversary Meeting, please send the following information immediately to Prof. John C. Greene, Department of History, University of Connecticut, Storrs, Conn. 06268:

I presently plan (do not plan) to attend the Norwalk meeting.
I probably will (will not) stay at the Holiday Inn (one-half block from meetings).
I would prefer having a single room (sharing a double room).

(Signed)
The Chairman of the 1974 HSS Nominating Committee is Professor John Beer, Department of History, University of Delaware, Newark, Delaware 19711, and in addition the Committee consists of Professors Asger H. Aaboe (Yale University), June Z. Fullmer (Ohio State University), Judith V. Grabiner (Small College, Dominican Hills), and Everett Mendelsohn (Harvard University). The Committee this year is charged with nominating a Second Vice President and five Council members (three-year terms). Living Past Presidents of the HSS are: Henry Guerlac, Marshall Clagett, I. Bernard Cohen, Harcourt Brown, Dorothy Stimson, Chauncey Leake, Charles Gillispie, Thomas S. Kuhn, and Lynn White, Jr. Erwin N. Hiebert is the current President; John C. Greene, the First Vice President; Richard S. Westfall, the Second Vice President; Roger H. Stuewer, the Secretary; John G. Burke, the Treasurer; and Robert P. Multhauf, the Editor of Isis.


The Statutes of the HSS require the Nominating Committee to nominate candidates to fill (in this instance) Second Vice President and Council vacancies, whose names are then entered on the ballot and submitted to members of the HSS for their votes. This procedure, however, was subjected to criticism at the last Council and Business meetings of the Society, with the result that a Committee on Revision of the HSS Statutes, under the Chairmanship of Professor Richard S. Westfall, Department of History and Philosophy of Science, Goodbody Hall 130, Indiana University, Bloomington 47401, was created to consider how the Statutes might be changed to further democratize the nominating procedure. Any suggestions will be most welcome and should be submitted to Professor Westfall by March 31, 1974. The Council also voted to request the Nominating Committee in the interim to acknowledge by letter the receipt of petitions for nominees bearing the names of ten or more members of the Society, and to consider placing such nominees on the ballot. These petitions should be submitted to the Chairman of the Nominating Committee, Professor Beer, and to be eligible for consideration must be received by March 31, 1974.

Professor John C. Greene
Department of History
University of Connecticut
Storrs, Connecticut 06268
AN APPEAL FOR SUPPORT

Fifty years ago this year a small band of devotees of the history of science, led by George Sarton, organized the History of Science Society and dedicated it to promoting the studies they cherished and to publishing Isis, which then became the official journal of the Society.

During the half century since the founding of the Society its membership and influence have grown steadily. Its journal, maintained from year to year despite recurring financial crises, has continued to uphold the high standard set by its founder, George Sarton. Its prizes have conferred distinction on a wide range of scholars, young and old. Its members have expanded the teaching of the history of science in the colleges and universities, encouraged the founding of historical sections in scientific societies, taken steps to preserve the papers of living and recently deceased scientists, played an active role in the International Academy of the History of Science and the International Union of the History and Philosophy of Science, and created public recognition of the enormous role played by science in shaping modern civilization.

Despite these achievements, the financial position of the Society remains precarious. At a time when the backlog of scholarly articles and reviews ready for publication in Isis is large and growing, it has been necessary to reduce the number of pages in successive issues to meet soaring costs of publication. Membership dues have been raised twice in three years, and the Editorial Office has taken upon itself functions formerly performed by the publisher of Isis. Yet these measures give little promise of providing a secure financial base for the operations of the Society.

The Society needs help. It needs a permanent endowment fund to which bequests may be made, the income from which will cushion the impact of unexpected costs and enable the Society eventually to expand its operations and services. The proper place to begin the task of creating such a fund is within the Society itself. If each regular member will pledge to give from $25 to $100 to the Endowment Fund during each of the next three years, student members contributing according to their ability, a beginning will have been made which will put the Society in a strong position to request donations from individuals, corporations, and foundations outside the Society, stressing the fact that the members of the Society have contributed one and all according to their means. All contributions are tax deductible. All, of whatever amount, will be gratefully received.

The HSS Fund Drive Committee

John G. Burke, William Coleman, John C. Greene (Chairman), Morton Pepper, Margaret Rossiter

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

(Checks should be made out to History of Science Society - Endowment Fund. Please mail this form and all remittances to John G. Burke, Treasurer HSS, Department of History, University of California at Los Angeles, Los Angeles, California 90024.)
1974 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 Robert E. Schofield, Division of Special Interdisciplinary Studies, Crawford Hall, Case Western Reserve University, Cleveland, Ohio 44106, and in addition consists of Professors Barbara Rosenkrantz (Harvard University) and Frederic L. Holmes (University of Western Ontario). Nominations for the Award should be submitted to Professor Schofield by May 1, 1974.

1973 HENRY SCHUMAN PRIZE

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 Edith Sylla, Department of History, North Carolina State University, Raleigh, North Carolina 27606, and consists in addition of Professors Mary P. Winsor (University of Toronto) and Edwin T. Layton (Case Western Reserve University). To be eligible for consideration, papers (not more than one from each competitor) must be received by Professor Sylla on or before July 1, 1974. 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.

Professor John G. Burke, Treasurer HSS
Department of History
University of California at Los Angeles
Los Angeles, California 90024
The third edition of the Directory will be published this summer. If you have not previously submitted a form, or if your present entry needs to be updated, please fill out the appropriate spaces and return to the Isis Editorial Office, Smithsonian Institution, Washington, D.C. 20560. Note that one new category, home telephone number, has been added for those who wish to include it. It will help a great deal if you would type or print plainly throughout, using the following abbreviations: Dept, St, Ave, Rd, Univ, Asst, Assoc, Prof, Lect, GS (graduate student), PhD exp(ected), 18c (and similar for other centuries), esp(ecially), US.

NAME (last name first)

ADDRESS

PRESENT AFFILIATION (if different from above)

PHONE NUMBER with area code

TITLE

UNIVERSITY, HIGHEST DEGREE, DATE AWARDED

THESIS TOPIC

BROAD AREAS OF INTEREST IN HISTORY OF SCIENCE

SPECIAL AREAS OF RESEARCH INTEREST IN HISTORY OF SCIENCE

For the index we are using the following categories. Please check those most applicable to you, as indicated by your interests above.

- Bibliography and Archives
- Historiography
- Biography
- Philosophy of Science
- Scientific Institutions
- Instruments
- Social Relations of Science
- Humanistic Relations of Science
- Use of History of Science in Science Teaching
- American Science
- Other National Science
- Mathematics
- Astronomy
- Physics
- Chemistry
- Earth Sciences
- Exploration and Expeditions
- Biological Sciences
- Sciences of Man
- Medicine
- Pharmacy
- Technology
- Astrology
- Alchemy
- Music
- Primitive Societies
- Ancient Near East
- Classical Antiquity (Greece & Rome)
- Medieval
- Islam, Middle & Near East to ca. 1600
- India
- Far East
- 16-17th Century
- 18th Century
- 19th, early 20th Century
- Contemporary
WOMEN'S ROSTER AND QUESTIONNAIRE

The Standing Committee on Women in the History of Science is now updating its roster of women in the field. If you did not complete a new card at the convention in San Francisco, please complete the form below and mail it to Dr. Carolyn Iltis, Natural Sciences Interdisciplinary Program, University of San Francisco, San Francisco, California 94117.

Name ___________________________ Date ___________________________

Professional Address ___________________________________________ Phone ___________________________

Rank or Status ___________________________________ Tenurial Status ___________ Full Time?

Degrees (Univ., major and minor fields, date) ______________________________________________________

Dissertation Title ___________________________ Major Professor(s) ___________________________

Presently seeking employment? ___________________________

Teaching experience (Fields, no. years) _____________________________________________

Other professional experience (type, no. years) _____________________________________________

Research fields _____________________________________________

Publications and professional presentations (Use other side if necessary) ___________________________


The Committee is interested in finding qualified women who would be willing to serve in the following capacities:

_____ Committees of the History of Science Society.

_____ Arrange and chair sessions at HSS meetings.

_____ Book Reviewers for Isis.

_____ Editorial Boards of Journals.

Please indicate whether you wish this information to

_____ Remain confidential

_____ Be used anonymously

_____ Be made public at the Committee's discretion.
STANDING COMMITTEE ON WOMEN IN THE HISTORY OF SCIENCE

At its 1973 annual meeting the Council of the History of Science Society established a Standing Committee on Women to evaluate the continuing status of women in the history of science, and to receive complaints. Members of the new committee, which was composed as recommended in the report, are: Dr. Carolyn Iltis, Chairperson, Natural Sciences Interdisciplinary Program, University of San Francisco; Dr. Audrey Davis, Smithsonian Institution, Washington, D.C.; Dr. June Fullmer, Ohio State University, Columbus, Ohio; Mr. Paul Hanle, graduate student, Yale University and Smithsonian Institution; Dr. John Murdoch, Department of History of Science, Harvard University; Dr. Margaret Rossiter, Department of History, University of California, Berkeley; Ms. Martha Verbrugge, graduate student, Department of History of Science, Harvard University.

PACIFIC LAZZARONI REGIONAL AFFILIATE OF HSS

The Council passed unanimously at its meeting on December 27, 1973, the following resolution: "RESOLVED: That the History of Science Society recognize the Pacific Lazzaroni: West Coast History of Science Society as a regional affiliate of the national organization, and to authorize the Lazzaroni to state the existence of such affiliation in conducting their business."

COMMITTEE ON THE STATUS OF MINORITIES IN THE HISTORY OF SCIENCES

C. Stewart Gillmor, Project for History of Ionospheric Physics, Wesleyan University, Middletown, Connecticut 06457, was appointed Chairman of the above Committee at the 1972 annual meeting of the Society, and he now requests all historians of science who are members of minority groups to contact him.

UNIVERSITY OF SOUTH FLORIDA CONFERENCE ON THE VICTORIAN COUNTER-CULTURE
(TAMPA, FEBRUARY 27-MARCH 2, 1974)

This conference will feature major addresses by Walter Cannon, "Darwin and the 19th-Century Imagination"; Noel Annan, "Sexual Morality"; Elizabeth Janeway, "The Feminist Revolt"; and by Morse Peckham and Michael Wolff, as well as panel discussions, exhibits, and three theatrical performances. For information and registration write Prof. William T. Rose, Secretary, LAN 141, University of South Florida, Tampa, Florida 33620.

MISSOURI VALLEY HISTORY CONFERENCE (OMAHA, MARCH 7-9, 1974)

The annual meeting of the Missouri Valley History Conference in Omaha, Nebraska, March 7-9, 1974, will include the following sessions, speakers, and papers: I. March 7, Historical Case Studies in Technological Innovation: Paul W. Clark (U.S. Air Force Academy), "Voice-Command Squadrons: The Influence of Technology upon Military Doctrine," and James E. Brittain (Georgia Institute of Technology), "C.P. Steinmetz and E.F.W. Alexanderson: The Origin and Persistence of a Creative Engineering Tradition at General Electric." A caucus for historians and philosophers of science will follow this session. At the noon luncheon the address will be by John Duffy (University of Maryland, College Park), "Changing Concepts of Medicine and Public Health." II. March 7, Sex and Society: Vern L. Bullough (California State University, Northridge), "Freud, Sex, and Changing Concepts of the Female," and Robin M. Haller (Gary, Indiana), "The Private Problems of Victorian Males; or, Much Ado about Nothing." III. March 8, Medieval: Wesley M. Stevens (University of Winnipeg), "Teaching the Sciences at Fulda--9th Century." IV. March 9, Problems in Medical History: An Interdisciplinary Approach:
Norge Jerome (University of Kansas) and Elizabeth Etheridge (Longwood College), "Nutrition and Health;" Russell Jones (Westminster College) and Roy Bransom (Kennedy Center for Bio-Ethics), "Medicine as a Profession"; and Charles Hughes (University of Utah Medical Center) and Charles Mullett (University of Missouri, Columbia), "Summary and Comment." V. 16th-17th Century England: Patricia Mooney (University of Cincinnati), "English Science and the State, 1550-1600." Inquiries may be addressed to Professor Richard A. Overfield, Consortium in the History and Philosophy of Science and Technology, Department of History, University of Nebraska, Omaha 68101.

UNIVERSITY OF DELAWARE LECTURE SERIES (FEBRUARY-APRIL, 1974)

The University of Delaware History Department is sponsoring a spring 1974 lecture series devoted to the impact of technological change on the work experience and the lives of workers. This series will focus both on the substance of specific technologies as well as the ways workers responded and were affected. The lectures will be given at 8:00 P.M., and the following is a list of dates, speakers, and topics: I. February 4, George Basalla (University of Delaware), "Introduction to the films"; II. February 11, Nathan Rosenberg (University of Wisconsin), "Marx on Technology and the Condition of the Working Class"; III. February 25, Paul Uselding (University of Illinois), "The Technological Basis of Working Conditions in American Factories in the 19th Century"; IV. March 11, John R. Harris (University of Birmingham), "Skills, Coal and British Industry in the Eighteenth Century"; V. March 25, Gerd Hardach (Phillips University, Marburg, West Germany), Title to be announced; VI. April 8, David Pye (Royal College of Art, London), "The Effects of the Introduction of Woodworking Machinery on Workmanship and the Workman"; VII. April 22, George Basalla (University of Delaware), "Work and the Distrust of Technology"; and VIII. April 29, Ruth Cowan (State University of New York at Stony Brook), "What Do Labor-Saving Devices Really Save? Technology Confronts the Household." For further information write to Professor Richard L. Ehrlich, Department of History, University of Delaware, Newark, Delaware 19711.

9TH MIDDLE ATLANTIC REGIONAL MEETING: THE JOSEPH PRIESTLEY CELEBRATION (WILKES-BARRE, PENNSYLVANIA, APRIL 23-26, 1974)

The 9th Middle Atlantic Regional Meeting will be held in The Treadway Inn, Wilkes-Barre, Pennsylvania, April 23-26, 1974. It will feature a Priestley Symposium on April 25 with invited papers by Erwin N. Hiebert (Harvard University), "The Integration of Revealed Religion and Scientific Materialism in the Thought of Joseph Priestley"; Robert E. Schofield (Case Western Reserve University), "Joseph Priestley and the Physicalist Tradition in British Chemistry"; and Aaron J. Ihde (University of Wisconsin), "Priestley and Lavoisier." On April 26 there will be open papers sessions on the history of chemistry by Elizabeth G. Rose, James A. Bell, H. R. Rosenberg, Betty Jo Teeter Dobbs, Dorian B. Kottler, Edwin J. Quinn and Stanley J. Chlystek, William A. Smeaton, Sister Mary Grace Waring, Robert D. Billinger, Martin D. Saltzman and Josephine L. Saltzman, John T. Stock, James B. Pick, and Ned D. Heindel. For further information, please contact Professor Ned D. Heindel, Department of Chemistry, Lehigh University, Bethlehem, Pennsylvania 18015.

EXHIBITION AT IEE, LONDON (JUNE 1974)

The National Archive for Electrical Science and Technology (NAEST), announces that to launch NAEST an exhibition will be held at the Institution of Electrical Engineers, Savoy Place, London WC2R OBL, in June 1974. The exhibition will cover the aims and objects of NAEST and a "before" and "after" restoration of some of the archival material. After its close, it is hoped that a similar exhibition will be held in

(continued on p. 12)
IN ORDER TO REDUCE OUR INVENTORY, BACK ISSUES OF ISIS ARE BEING OFFERED FOR A LIMITED TIME ONLY AT FANTASTIC SAVINGS OF 62.5 PERCENT.

Discover who wrote Quadrans Vetus (July '47), get the inside story on Lavoisier and his biographers (March '54), peruse yet another Verdung manuscript (Spring '43), thrill to Laplace and the speed of sound (March '64), learn all there is to know about quantification (June '61), contemplate astronomical tables from the year 1361 (Summer of '42), find out about John of Rupescissa (December '54), relive experiences at the Eighth International Congress of the History of Science (June '57), go back to the very first Galileo Gleaning (December '57), ask yourself why blame Oldenburg (December '62), meet George Sarton (September '57).

These and other amazing and unimaginable experiences can be yours for the unbelievably low price of $1.50 per issue in orders of eight or more, for the issues listed below (not to be confused with volumes). Stocks for some of these issues are limited; orders will be filled on a first-come first-served basis, with refunds made for any that are not available. A check should be enclosed with the order.


To order, circle the items wanted in the list above, fill in the form below, and send to: Back-Issue Sale, Isis Business Office, 428 E. Preston Street, Baltimore, Maryland 21202.

Please send the above marked issues of Isis to:

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A check for $_________ is enclosed; please refund for any issues which are unavailable.
other places in the United Kingdom. The formation of NAEST was approved by the Council of the IEE in September 1973 and comes under the general supervision of the Director of INSPEC, the IEE's International Information Division.

UNIVERSITY OF CALIFORNIA, DAVIS, AGRICULTURE IN THE FAR WEST SYMPOSIUM
(JUNE 18-21, 1974)

"Agriculture in the Development of the Far West" is the theme of a symposium scheduled for June 18-21, at the University of California, Davis Campus. The symposium is sponsored by the Agricultural History Society, the U.S. Department of Agriculture and other institutions and individuals. It will aim to show how western American agriculture took its present shape, with implications for continuing developments. The program will be scholarly and interdisciplinary with the involvement of non-academic authorities from public and private organizations. About twenty papers on rural society, the industrialization of agriculture, library and museum collections, law and government policies, immigrant groups, agriculture and the environment, and commodity production and trade will be heard and discussed, and several principal addresses are scheduled. The sessions will be preceded on June 17 by meetings of the Association for Living Historical Farms and Agricultural Museums, and the Symposium will conclude with a dinner meeting at the Mondavi Winery in Napa Valley. For program (continued on p. 13)
and registration information, inquiries should be addressed to the Agricultural History Center, University of California, Davis, California, 95616.

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (LEEDS, JULY 2-4, 1974)


THE CHARLES LYELL CENTENARY SYMPOSIUM (LONDON, SEPTEMBER 1975)

The sixth symposium of the International Committee on the History of Geological Sciences will be held in the first week of September 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 can be obtained from the Secretary of the Organising Committee, J.C. Thackray, Institute of Geological Sciences, Exhibition Road, London SW7 2DE.

REPORT ON FIRST INTERNATIONAL CONFERENCE ON THE HISTORY AND PHILOSOPHY OF SCIENCE (JYVÄSKYLÄ, FINLAND, JUNE 28-JULY 6, 1973)

Principles in Methodology"; and Laurens Laudan, "Concepts of Experience and Hypothesis."
The following public lectures were also delivered: (1) Robert S. Cohen, "Marx and Science"; (2) Jaakko Hintikka, "On the Background of the Contemporary Philosophy of Science"; (3) Georg Von Wright, "Freedom and Necessity in History."

REPORT ON COLLOQUIUM ON SCIENCE, PHILOSOPHY AND THEOLOGY IN THE MIDDLE AGES


1971 ISIS ISSUES NEEDED

The Isis Editorial Office, Smithsonian Institution, Washington, D.C. 20560, needs 16 sets of the 1971 volume of Isis (we buy as well as sell). Anyone knowing where copies might be located or purchased please contact Dr. Bernard Finn at the above address.

SCHALLENBERG SECOND ANNUAL HISTORY/PHILOSOPHY OF SCIENCE EMPLOYMENT SURVEY

Professor Richard H. Schallenberg, Department of History, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061, has recently completed his Second Annual History/Philosophy of Science Employment Survey. Anyone wishing to receive his full (five page) report please contact him personally. His concluding paragraphs are as follows:

"If we make the simplifying assumption that only those people who enter graduate school in year X will graduate in year X+4, then a number of tentative conclusions can be drawn regarding the percentage of entering students who eventually obtain degrees. For the 1967-1971, 1968-1972, and 1969-1973 classes, the percentage of entering students who eventually obtain the PhD are 46%, 41%, and 38% respectively. Assuming that my predicted graduation figures for 74 and 75 are fairly accurate, then the percentage for the 1970-74 and 1971-75 classes will be 30% and 26% respectively.

"These percentages explain why the number of PhD's has been decreasing in spite of the growth in enrollments--we are experiencing a growing dropout rate in graduate
students, probably caused by pessimism about obtaining faculty positions on graduation. It may also be caused by the policy of some departments in deliberately eliminating more students at the MA level.

"This decline in the number of new PhD's can only be regarded as providential, since it is obvious that the employment situation did not improve last year, but showed definite signs of deterioration. Not only were there fewer faculty positions for new graduates, but the number of those which were permanent decreased (16 last year, 11 this year). The number of holdovers increased slightly, as did the holdover-generating mechanism of the post-doc. However, all in all, it would appear that the supply of new PhD's is adjusting itself to the demand for them."

**SUMMARY OF THE REPORT OF THE COMMITTEE ON WOMEN IN THE HISTORY OF SCIENCE**

In order to collect information on women in the history of science, the Committee designed a questionnaire and circulated it via the February 1973 Newsletter. By late June, the Committee had received 79 responses: 43 from women in the 1971 Isis Directory (of 164) and 36 from women new to the field. The Committee thus estimates it heard from about 40% of the 200 women in the history of science. The Committee also contacted the chairmen of the 15 major graduate programs in the history of science to obtain current data on faculty and student enrollments.

Overall, women comprise 14.7% of the profession but are distributed very unevenly in its ranks. A few women have achieved visibility in the Society and the major history of science centers, but the majority are clustered at the lower levels of the less prestigious institutions. Although about one third (31%) of the graduate students are women, the full-time faculty which teaches them is only 5.1% female, and not one of these women is tenured. (See Table below.) Women form 13% of the officers of the Society, although again none are in its highest ranks. They are particularly lacking on the editorial boards of the major history of science journals (ranging from 0 to 8.7%) and as chairpeople for its annual meetings (only 3.7%).

Our professional attention must be directed towards raising these percentages to reflect the 31% group of female graduate students. We must seek to encourage this talented pool of women to remain within the community by providing them with visible role models and the same employment prospects available to men. In the future, women can hope to achieve more visibility in the affairs of the profession, but will they be appointed to the most coveted positions in its graduate programs? An affirmative answer to this question is crucial if past inequalities are to be alleviated.

---

*Established by the Council of the Society, December 1972 (Carolyn Iltis, Chairwoman, University of San Francisco; Judith Grabiner, Small College, Dominquez Hills, California; Charles Rosenberg, University of Pennsylvania; Barbara Rosenkrantz, Harvard University; Margaret Rossiter, University of California, Berkeley; Michael Sokal, Smithsonian Institution and Worcester Polytechnic Institute). Copies of the full report are available from Dr. Carolyn Iltis, Harney Science Center, Department of Physics, University of San Francisco, California 94117, for 50¢ each.*
Since social change can be speeded through a greater consciousness of unjust practices and attitudes, the Committee hopes that this report will provide a basis for action which will advance qualified women to the upper levels of the profession to share with men the responsibilities of the Society and the gratifications of achievement. Toward this end the Committee submitted nine recommendations to the Council of the HSS, seven of which were accepted, to read as follows:

1. The Council shall establish a Standing Committee on Women to evaluate the on-going status of women, to maintain a roster, and to receive complaints. The Committee should be composed of both women and men and as a minimum should include a tenured faculty woman, a nontenured or part-time faculty woman, a female graduate student and a woman representing archival and major research institutions.

2. The Society should openly and actively support equal employment opportunity and advancement and equal financial aid opportunities for all female historians of science and graduate students.

3. The Secretary should be instructed to notify the Committee of any job openings he learns about.

4. The roster of women in the profession should be used to aid in identifying women for positions such as:
   a. Officers and Committees of the History of Science Society and the International Congress.
   b. Program arrangers and chairpeople for professional meetings.
   c. Presentation of invited papers.
   d. Editorial boards of professional journals. [The Council did not pass a formal resolution on this item, but neither did it express any opposition to it.]

5. The Society urges the consideration of qualified women from the professional pool in recruiting for faculty positions at all levels, including in major research and archival centers.
6. The society should pass [the Council passed] the following resolutions:

   Be it resolved that:

   A. Members of the profession cooperate within their own universities and other institutions of employment in the establishment of fully legitimate part-time positions for both men and women leading to advancement and tenure and carrying pro-rated benefits.

   B. Members of the profession support the abolition of nepotism rules within their own institutions and aid in replacing them by conflict of interest rules.

   C. Members support the establishment of maternal-paternal leaves with no loss of status upon resumption of work.

7. A summary of the report and recommendations of this Committee should be published in the Newsletter, subject to the approval of the Editor of the Newsletter.

HSS COMMITTEE ON UNDERGRADUATE EDUCATION IN THE HISTORY OF SCIENCE

The Preliminary Report of the above Committee, which is under the Chairmanship of Professor Harold I. Sharlin, Department of History, Iowa State University, Ames, Iowa 50010, was accepted by the HSS Council at the last annual meeting, and copies may be obtained by writing Professor Sharlin. The Committee will submit its Final Report at the 1974 annual meeting of the Society. It solicits suggestions as to what should be included. It desires, in particular, a number of quotes from undergraduate student evaluations of history of science courses.

APPEAL FOR CITATIONAL INFORMATION

The indexing of the first two volumes of the Dictionary of Scientific Biography has yielded references to a number of individuals whose names are not given in full, and whom library research has failed to identify completely. These names are listed below, together with the volume, page, and article in parenthesis in which they occur. The indexer would be grateful if anyone's specialized knowledge could supply the given names of these men. Her address is: Mrs. Julia A. McVaugh, Dictionary of Scientific Biography, 209 N. Columbia Street, Chapel Hill, N. C. 27514.

| Baker, C.J. | 2:529a (Bruce) | Kahn, R.H. | 1:450a (Barbour) |
| Blumenthal | 1:361b (Bach) | Latchford, H. |
| Buchan, A. | 1:434a (Banks) | J.K. |
| Buée, Abbé | 1:239b (Argand) | Lemoyn, T. | 2:479b (Brocard) |
| Dietrich | 2:43a (Bernoulli, D.) | Maltus | 2:202a (Blondel) |
| Dubourgguet, J.B.E. | 2:444a (Bret) | Matthaei, |
| Duhamel, M. | 1:572a (Béguyer de Chancourtois) | Gabrielle L.C. | 2:184a (Blackman) |
| (?) A. | | de Montcarville | 1:400b (Bailly) |
| Faciot | 1:529a (Bayen) | Nussbaum, N. | 2:73a (Berthold) |
| Fecker, J.W. | 2:424a (Brashear) | Parija, P. | 2:184b (Blackman) |
| Feusier | 2:528a (Bruce) | Prawdzic- |
| Forschback, J. | 1:441b (Banting) | Neminsky, W.W. | 2:2a (Berger) |
| de Pourcy | 2:6b (Bergman) | Sleeswijk, J.-G. | 2:300b (Bordet) |
| Fournet, J. | 2:431a (Bravais) | Thompson, J.G. | 2:615b (Burnside) |
| Geissler | 1:576a (Behring) | Timerding, Heinrich C.F. |
| Geitner, P. | 1:578b (Beilstein) | Emil | 2:594a (Burali-Forti) |
| Grütter, F. | 2:345b (Bouin) | Tonnelier, J. | 1:327a (Aubuisson de Voisin) |
| Hare, W.K. | 1:450a (Barbour) | Ubisch, L. von | 2:363b (Boveri) |
| Hepburn, J. | 1:442b (Banting) | Walden | 1:442b (Banting) |
| | | Zhevakin, S.A. | 1:598b (Belopolsky) |
A new Newsletter in the History of Anthropology has recently been founded, the Editorial Committee of which consists of Robert Berkhofer (University of Wisconsin), Robert Bieder (Newberry Library, 60 W. Walton St., Chicago, Illinois 60610), Regna Darnell (University of Alberta), Dell Hymes (University of Pennsylvania), Judith Modell (University of Minnesota), George W. Stocking, Jr. (Department of Anthropology, University of Minnesota, Minneapolis 55455, until March 31, 1974; Department of Anthropology, University of Chicago, Chicago, Illinois 60637 after March 31, 1974), and Timothy Thoresen (University of Texas). For further information, or to submit communications, please contact either Mr. Bieder or Professor Stocking.

HISTORY OF SCIENCE AND TECHNOLOGY SLIDES FOR SALE

Research in Literature of Industry has several hundred slides on subjects pertaining to the history of science and technology for sale. Compiled by company personnel, many of these materials have been useful in both graduate and undergraduate history of science and technology, economic history, humanities, and social history courses. Coverage includes western Europe, 1400-1850 and some United States. May be purchased in sets or individually. For further information (and to order), contact Research in Literature of Industry, 5622 Dyer, Dallas, Texas, 75206, phone (214)692-8076.

SCIENTIST AND ENGINEER IN AMERICAN REVOLUTION

The role of the scientist and engineer in the American Revolution is a neglected topic. The reactivated Corps of Sappers and Miners is now forming. The original Corps contained such persons as Capt.-Lt. David Bushnell, the inventor and builder of "The Turtle," America's first military submarine. Persons interested in the study and recreation of the role of the scientist and engineer in the American Revolution, please contact Loren Daniel Lillis, 5817K Rexford Drive, Springfield, Virginia 22152.

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, GRECO-ROMAN SURGICAL INSTRUMENTS COLLECTION

On June 20, 1973, the History Collection of the Library of the University of California, San Francisco, received a gift of Greco-Roman surgical instruments from the San Francisco Foundation of Otology. The collection of eighty-three otological and related instruments include perforated and unperforated setons, chisels, knives, retractors, forceps, a balance, fibulae, and medical spoons. This gift handsomely supplements the Egyptian surgical instruments of the Reitz collection, and makes available on the West Coast materials for the study of another aspect of the early history of medicine. The collection will be exhibited to the UCSF campus community and to health science specialists and others interested in the history of artifacts.

NIH HISTORY OF LIFE SCIENCES STUDY SECTION

The Division of Research Grants of the National Institute of Health, citing insufficient workload, did not renew the charter of the History of Life Sciences Study Section for the 1973-74 fiscal year; therefore, the existence of the Study Section terminated as of June 1973. Scholars in the history of the biomedical sciences need to be informed, however, that the abolition of the History of Life Sciences Study Section does not mean the termination of research funds in this field of scholarship. The National Library of Medicine continues to award research grants in the history of the life sciences, and applications continue to be evaluated by the peer review system through ad hoc meetings of a Special Study Section of the Division of Research Grants. Scholars interested in securing information about the eligibility of biomedical history
ROCKEFELLER FOUNDATION RECORDS AVAILABLE FOR RESEARCH

The Rockefeller Foundation, in response to increasing requests from scholars for access to its archives, has announced that records prior to 1942 are now being processed and will be made available for research as soon as processing has been completed. Records which have been processed and opened include those of several Rockefeller philanthropies which were or came to be associated with the Foundation and defunct divisions of the Foundation. These include the records of the Bureau of Social Hygiene (1911-1940), the China Medical Board (1913-1929), the General Education Board (1902-1941), the International Education Board (1923-1941), the Laura Spelman Rockefeller Memorial (1918-1941), the Rockefeller Sanitary Commission for the Eradication of Hookworm Disease (1909-1915), and the Spelman Fund of New York (1928-1949). There are also papers of a few individuals who were associated with the foundation of other philanthropic organizations. It is expected that the projects, general correspondence, and program and policy files of the Foundation prior to 1942 will be processed and opened for general research within the next three years. In the meantime, research is possible in these files when inquiries are sufficiently specific and existing indices make access possible. A pamphlet briefly describing these collections is available from The Rockefeller Foundation Archives, 333 West 52nd Street, New York, New York, 10019. Inquiries concerning availability of materials should be sent to the same address.

FREDERICK DOUGLASS PAPERS

Anyone having information on the location of correspondence, speeches and essays of Frederick Douglass written between 1839 and 1895, please contact Professor John W. Blassingame, Editor, Frederick Douglass Papers, 2103 Yale Station, Yale University, New Haven, Connecticut 06520.

INFORMATION REQUESTED ON GLENDON IRON WORKS

Mr. Mark R. Edwards writes that he is presently writing a history of the Glendon Iron Works of Easton, Pennsylvania, which was one of the first iron works in the United States to use anthracite in the production of pig iron, and which shipped pig iron to other rolling mills in the Boston area, all owned by one Charles Jackson, Jr., of Boston. The plant operated between 1843-96, and Mr. Edwards would like any information pertaining to it, especially business records, stock certificates or any other primary source materials. His address is Lafayette College, College Station, Box 803, Easton, Pa. 18042.

EASTERN STATES HISTORICAL CLEARING HOUSE

Long Island University has undertaken to provide a Clearing House of Information on meeting of professional organizations in the field of history in the eastern United States. The Calendar will be issued without charge twice a year (October and February) and will cover all meetings reported at the time of publication. Address all inquiries to Thelma Mielke, Executive Secretary, Eastern States Historical Clearing House, Long Island University, The Brooklyn Center, Room M 804, Brooklyn, New York 11201.

NEW NATIONAL HISTORICAL CIVIL ENGINEERING LANDMARKS

The following are new National Historic Civil Engineering Landmarks designated by the American Society of Civil Engineers: (1) the Embudo, New Mexico, Stream Gaging
System; and (2) the Ingals Building in Cincinnati.

SMITHSONIAN ARCHIVES ACCESSIONS

The Smithsonian Archives has recently accessioned the records pertaining to (1) the Division of Vertebrate Paleontology, United States National Museum, 1889-1957. Most of the records pertain to the professional and administrative activities of Charles W. Gilmore (1905-1945), curator of the Division (7 cubic feet); (2) the First International Congress of Systematic and Evolutionary Biology, 1969-1973 (3.1 cubic feet); and (3) Systematic Biology--The Development of a National Program of Resources and Resource Management, 1971-1973 (2 cubic feet).

COMPUTERIZED CHECKLIST OF ASTROLABES

A collection of computer printouts, prepared by Sharon Gibbs, Janice Henderson, and Derek de Solla Price, listing over one thousand planispheric astrolabes is now available from the Department of History of Science and Medicine, Yale University. The collection serves as a major revision and extension of An International Checklist of Astrolabes published by Price in Archives Internationales d'Histoire des Sciences (nos. 32 and 33) in 1955. It represents an effort to maximize the availability, completeness, consistency, and usefulness of certain basic information about a large number of historically interesting scientific instruments. This computerized database can be readily updated, and once it has been, will provide the material from which an authoritative World Census of Astrolabes may in the future be derived. The hope is that museums, individual historians of science, and owners of private collections will find the computerized checklist a useful reference, and that the variety of printouts will make it easier to uncover presently unlisted astrolabes, and we encourage printout users to call our attention to such omissions. The Computerized Checklist of Astrolabes, with an introduction explaining symbols and collection codes, can be purchased for the cost of preparation ($7.50) from the Department of History of Science and Medicine, Box 2036 Yale Station, New Haven, Connecticut, 06520. Questions concerning the checklist should be addressed to Dr. Sharon L. Gibbs, Department of Physics and Astronomy, Colgate University, Hamilton, New York 13346.

HISTORIA MATHEMATICA

A new journal, HISTORIA MATHEMATICA, devoted to the history of the mathematical sciences, will appear in February 1974. It is published by the International Union for the History and Philosophy of Science and is sponsored by mathematical and historical organizations in many countries, including the American Mathematical Society, the Canadian Mathematical Congress, the Mathematical Association of America, the National Council of Teachers of Mathematics, and the History of Science Society. The editors and collaborators, headed by Kenneth O. May of the University of Toronto, includes scholars from twelve countries. In addition to historical articles, the journal will contain special departments, including book reviews and indexed abstracts covering the world literature of history of mathematics. The first volume contains articles and reviews by many well-known mathematicians and historians of mathematics. The subscription price is $22.00 per volume of about 500 pages issued in four quarterly numbers. When payment accompanies order there are special rates of $8.00 for individuals and $17.00 for libraries. All subscriptions and correspondence should be addressed to: HISTORIA MATHEMATICA, Department of Mathematics, University of Toronto, Toronto, Canada M5S 1A1.

BICENTENNIAL MEDICAL PUBLICATION

The Josiah Macy, Jr. Foundation and the National Library of Medicine will commemorate
jointly the Bicentennial of Medicine in the United States in 1976 by publishing a special commemorative volume. The papers in the volume (publication scheduled for January 1, 1976) will form the basis for a conference to be held at the National Library of Medicine in 1976. For further information, write Catherine Coughlin, Josiah Macy, Jr. Foundation, One Rockefeller Plaza, New York, New York 10020.

HISTORY OF SCIENCE AND TECHNOLOGY AT UNIVERSITY OF CALIFORNIA, SANTA BARBARA

At the University of California, Santa Barbara, it is possible to pursue the History of Science and Technology at doctoral, masters, and bachelors levels. Courses are offered which treat the subject from antiquity to the present, and touch upon all continents, the oceans, and space. Emphasis, however, is upon the modern historical period, especially the last century, and there is focussed upon the physical sciences and the relationships between science/technology and other activities. In addition to formal course work, students at all levels are introduced to the professional literature, resources, and activities. Students are encouraged to become members of the national History of Science Society and/or Society for the History of Technology, and to participate in their activities. In addition, there is the West Coast Lazzaroni, an organization with members from Vancouver to San Diego who are interested in the history of science and technology and their interaction with society, and which meets twice yearly. There is also the Science and Society Forum, which meets every month or so in Santa Barbara. For those students so inclined, there is the possibility of serving as interns on projects dealing with the effect of science/technology upon society. For further information, contact either Professor Carroll Pursell or Professor Lawrence Badash, Department of History, UCSB, Santa Barbara, California 93106.

NEW CENTER FOR HISTORY OF SCIENCE AT UNIVERSITY OF KENT

The University of Kent at Canterbury, England, announces the establishment with the generous help of the Nuffield Foundation of a Unit for the History, Philosophy and Social Relations of Science. The Nuffield grant covers the establishment of a group of three faculty members and funds to build up the library holdings in the subject. The Director of the Unit and Professor of the History of Science will be Maurice Crosland, who is at present at the University of Leeds.

AWARDS AND HONORS

I. Bernard Cohen of Harvard University delivered The A.S.W. Rosenbach Fellowship Lectures in Bibliography at the University of Pennsylvania, November 27-29, 1973. The title of Professor Cohen's lectures was "Words, Images, and Ideas," with the specific subjects being: I. "Diagrams and illustrations in relation to scientific ideas, before and after the invention of printing"; II. The significance of manuscripts in the study of the creative process in science and the scientific personality; and III. "Potentials and limitations of printed documents in tracing the evolution of scientific ideas."

Henry Guerlac (Cornell University) received the 1973 Sarton Medal, the highest award of the HSS, at the annual meeting in San Francisco. A full citation will be published in Isis.

Robert Marc Friedman (The Johns Hopkins University) received the 1973 Schuman Prize for his essay "The Methodology of Joseph Fourier and the Problematic of Analysis."

Joseph Fruton (Yale University) received the 1973 Pfizer Award for his book, Molecules and Life.

H. Lewis McKinney's book, Wallace & Natural Selection (Yale University Press, 1972), was one of 9 books nominated for the National Book Award (Sciences category) on March 19, 1973.
John Murdoch was elected to the Executive Council of the Société Internationale pour l'Étude de la Philosophie Médiévale, effective September 1972.

Charles Weiner has been elected Section L's delegate to the Council of the AAAS for a two year term beginning January 1, 1974. Dr. Weiner is the HSS's representative to Section L (History and Philosophy of Science) of the AAAS.

FELLOWSHIPS AND GRANTS

The American Antiquarian Society, in order to make more readily available for research its unparalleled resources in American history and culture, will award to qualified scholars a number of short-term Visiting Fellowships during the year June 1, 1974-May 31, 1975. The funds for these grants are derived from the income of the Society's Fred Harris Daniels Fund. The Fellowships may vary in duration from one to three months, depending on the Fellow's requirements. Stipends may vary in amount, according to a Fellow's needs, to a maximum of $2,500. Applications may be submitted anytime before March 1, 1974, by persons engaged in scholarly research or writing, including those at work on doctoral dissertations. The announcement of the grants will be made by April 30, 1974. Persons interested in applying should write to the Director, American Antiquarian Society, 185 Salisbury Street, Worcester, Mass. 01609.

The Rockefeller and Ford Foundations jointly announce the fourth year of a worldwide program of awards in support of research on population policy. Proposals for social scientific and legal research on population policy will again be accepted. In addition, this year projects in population policy research drawing on humanistic disciplines will be encouraged. For further information, write to The Rockefeller-Ford Program for Population Policy Research, The Rockefeller Foundation, 111 West 50th Street, New York, New York 10020.

The National Science Foundation recently awarded research grants in the History and Philosophy of Science which included the following: (1) R. L. Causey (University of Texas), "Unity of Science: Requirements and Prospects"; (2) D. J. Kevles (California Institute of Technology), "The Development of Science During World War II"; (3) M. J. Klein (Yale University), "History of Thermodynamics, Statistical Mechanics and Quantum Physics"; (4) S. H. Mauskopf (Duke University), "Collaborative Research on the History of Experimental Parapsychology 1930-1947"; (5) M. R. McVaugh (University of North Carolina), "Collaborative Research on the History of Experimental Parapsychology 1930-1947"; (6) H. Rouse (University of Iowa), "Hydraulics in the United States"; (7) E. G. Ruestow (University of Colorado), "Origins of Microscopy"; (8) B. Sinclair and A. M. McMahon (Franklin Institute), "The Franklin Institute and the Development of American Technology"; and (9) F. Suppe (University of Maryland), "Functions of Theories in the Scientific Enterprise."

APPOINTMENTS AND PROMOTIONS

Thomas Cunningham has been appointed Professor of Philosophy and Director of the Honors Program at the College of Arts and Sciences of the Grand Valley State Colleges, near Grand Rapids, Michigan.

Donna Haraway has been appointed Assistant Professor of the History of Science at The Johns Hopkins University beginning July 1, 1974.

Jane M. Oppenheimer, Class of 1897 Professor of Biology at Bryn Mawr College has been appointed 1897 Professor of the History of Science, effective the academic year 1974-75. During the calendar year 1974 she will be Visiting Professor of the History of Medicine at Hebrew University in Israel.
VISITING APPOINTMENTS

Elof A. Carlson has been appointed Hill Visiting Professor in the History of Genetics at the University of Minnesota, Spring Quarter 1973-74.

Gerard L'E. Turner (University of Oxford) has been elected to a Visiting Fellowship at Clare Hall, Cambridge, England, from January to June 1974.

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 at Berkeley

Marjorie Malley, "A History of Early Studies of Radioactivity, from the Discovery of Uranium Radiation to the Recognition of Isotopy and Nuclear Decay" (in progress).

Mary Novitski, "Auguste Laurent: his Influence on the Emergence of the Concept of Valence" (in progress).


University of Pennsylvania


University of Wisconsin


Joan G. Box, "R. A. Fisher, Biography of a Scientist" (in progress).

Jean-Claude Guédon, "Chemistry in the Encyclopédie" (in progress).

Bruce MacLaren, "John Pecham's Tractatus de sphera: A Critical Edition and Translation, with Commentary" (in progress).


Susan Laura Miller, "New York State Government and Science, 1777-1825" (in progress).

Alan Rocke, "The Origins of Stereochemistry" (in progress).


Philip M. Teigen, "Richard Seymere's 'Golden Workes of Phisecke & Surgury' (ca. 1576)" (in progress).

BOOKS RECEIVED BY ISIS: NOVEMBER-DECEMBER 1973


Stuttgart: Deutscher Apotheker-Verlag, 1974. DM 11.50


Uri Lanham, The Bone Hunters. xi + 285 pp., illus., bibl., index. New York: Columbia Univ. Press, 1973. $12.95


Geoffrey Marks; William K. Beatty, The Story of Medicine in America. xi + 416 pp., illus., bibl., index. New York: Scribner's, 1973. $10


Lubos Novy, Origins of Modern Algebra. viii + 252 pp., bibl., index. Leyden: Noordhoff; Prague: Academia, Czechoslovak Academy of Sciences; Portland, Ore.: International Scholarly Book Services, 1973. $24.00


1974 NASA SUMMER HISTORY SEMINAR

The NASA Historical Office will offer its 12th annual Summer History Seminar in 1974. It is open to students enrolled in a program of study leading to the Ph.D. and to postdoctoral applicants with majors in history (history of science or technology preferred). Salary ranges from GS-5 to GS-12 (annual rate from $8055 to $17,497), depending on qualifications. To apply, send Personal Qualification Statement (SF 171 available at Post Offices) and college transcript (graduate and undergraduate) to NASA Headquarters (AAH), Washington, D.C. 20546. Closing date for applications is March 15, 1974.

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 listings.

   Position: Assistant Professor, joint appointment in History and Chemistry.
   Status: Possible.
   Qualifications: Training in history of science with ability to teach history of chemistry and introductory chemistry.
   Note: The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from members of minority groups and women.
   Contact: Professor Donald Queller, Dept. of History, 309 Gregory Hall, University of Illinois, Urbana, Illinois 61801.

2. University of Kent at Canterbury, Unit for the History, Philosophy and Social Relations of Science.
   Position: Reader or Senior Lecturer (ref. A48/73) with special interests in the Philosophy of Science or the history of scientific ideas, beginning October 1, 1974.
   Note: Initial salary at an appropriate point on the scale £4,368 to £5,496 per annum.
   Contact: For application forms and further particulars, write Miss A. L. Brown, University Chemical Laboratory, Canterbury, Kent, CT2 7NH, quoting the appropriate reference number. Applications should be received by February 18th, 1974.

3. University of Kent at Canterbury, Unit for the History, Philosophy and Social Relations of Science.
   Position: Research Fellow (ref. A49/73) with particular interest and qualifications in administrative history, the history of scientific ideas or the sociology of science, beginning October 1, 1974.
   Note: Applicants for this post should be graduates in the history of science, history, or a science subject. The post is tenable for one year in the first instance with possible renewal for a further two years. Initial salary within the range £1,929 to £2,223 per annum.
   Contact: For application forms and further particulars, write Miss A. L. Brown, University Chemical Laboratory, Canterbury, Kent, CT2 7NH, quoting the appropriate reference number. Applications should be received by February 18th, 1974.

4. University of Melbourne, Parksville, Victoria 3052, Australia.
   Position 136.002A: Lectureship in the Department of History and Philosophy of Science.
   Description: Applicants should have professional standing primarily in some historical field or History and Philosophy of Science. Preference will be given to applicants specialising in post-renaissance history of science, other than physics or mathematics. A part of the successful applicant's teaching duties will be to give courses designed for Arts students. Applications will be considered from persons interested in either a continuing Lectureship or a fixed-term Lectureship of three years. It is hoped that the successful applicant will be able to take up duty by 1st January 1975.
   Salary: $A 8698 - 11982.
Contact: For further information, including details of application procedure, superannuation, travel and removal expenses and conditions of appointment for both fixed-term and continuing Lectureships, write to the Registrar.

5. University of Minnesota, Minneapolis, Minnesota 55455.
Position: Assistant Professor of the History of Science and Technology.
Status: Definite, beginning Fall 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 1974.
Specialty: History of technology.
Description: Appointee would be expected to develop and teach 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: This position supersedes the visiting assistant professorship that was advertised in a preceding supplement to the Newsletter. The University of Minnesota is an Equal Opportunity/Affirmative Action employer.
Contact: Professor Roger H. Stuewer, School of Physics and Astronomy.

7. Swinburne College of Technology, Hawthorn, Melbourne, Victoria 3122, Australia.
Position: Lecturer or Assistant Lecturer in History and Philosophy of Science, 1974.
Status: Definite.
Salary: $A 5500 - $A 11982.
Specialties: Applicants should be able to participate in the teaching of History of Astronomy or History of Geology/Biology courses at first year level, and take a major part in the teaching of the third year Philosophy unit which emphasises the influence of Historical, Philosophical, Religious, and cultural factors on the development of preferred modes of thought in Science.

Position: historian of medicine and related sciences; rank and salary dependent upon qualifications and experience. This position will be supported by a grant from the Associated Medical Services. In addition to teaching at the University of Western Ontario, the new faculty member will participate in the development of the Jason A. Hannah Institute for the History of Medicine, which will be a cooperative activity of several Ontario Universities.
Qualifications: Ph.D.; medical training preferred.
Status: Appointment to begin in September 1974; or when filled.
Contact: Frederic L. Holmes, Chairman, Department of History of Medicine and Science, University of Western Ontario.
Postmaster: Return postage guaranteed.

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