BERN DIBNER
1897–1988

The following is a shortened version of the éloge to be published in the September 1988 issue of Isis.

ON 6 JANUARY 1988 Bern Dibner died peacefully in his sleep at his home in Wilton, Connecticut. With his passing the history of science community has lost one of its most committed scholars and dedicated patrons. The many gifts he made to institutions of higher education and to the Smithsonian were expressions of his deep love for his adopted country, of his gratitude for the opportunities presented to him as one of its citizens, and of his bonds to its people and its cultural heritage.

Bern Dibner was born in 1897 in a tiny village near Kiev in the Ukraine. At the start of the Russo-Japanese war in 1904, the family emigrated to the United States and settled in New York City. In his school years he was attached to both the arts and the sciences, but on graduating he chose to become an electrician. He then attended the Polytechnic Institute of Brooklyn and graduated in 1921, cum laude, with a degree in electrical engineering. He subsequently invented an electric connector that was universal in its connecting capabilities and did not require any soldering or welding, and in 1924 he founded the Burndy Engineering Company to manufacture and sell connectors of various sizes and shapes to the electric power industry. (Bern Dibner's son, David, is chairman of the board of what is now the Burndy Corporation.)

The success of the firm allowed Bern Dibner to resume his artistic interests. In 1930 a book he read changed his life. From Men and Machines, by Stuart Chase, he learned of Leonardo's technological and scientific bent. Leonardo's dual passion for the arts and for technology resonated with his own. It was then that he began collecting Leonardo materials. Taking a leave from the Burndy
NEWS OF THE SOCIETY

HSS Nominations—1988 Election

The Committee on Nominations, chaired by Stephen G. Brush, has nominated the following individuals. For Council: Lawrence Badash, Richard Burkhardt, Joan Cadden, Betty Jo T. Dobbs, Frederick Kingsland, Eman McMullin, Kathryn Olesko, Shirley Gregory, Wallace. For the Committee on Nominations, from Council: Edward Grant, Erwin Hiebert, Sharon Kingsland, Ernan McMullin, Kathryn Olesko, Shirley A. Roe, and William A. Wallace. For the Committee on Nominations, from the Society at large: John Beatty, Robert E. Kohler, John W. Servos, and Edith Dudley Sylvia.

According to the Society’s Constitution, members have two months from the appearance of the Newsletter to nominate additional candidates. Petitions for Council candidates must contain at least fifteen signatures and the agreement of the person nominated; they must reach the Society’s Executive Secretary by the 10 June deadline for the July Newsletter if the individuals’ names are to be reported there. To allow time for petition candidates to submit biographies and photographs for the Newsletter, earlier submission is needed.

Election for HSS Vice-President

As the HSS Executive Secretary received no petitions nominating additional candidates, ballots listing the two individuals named by the Committee on Nominations, Stephen G. Brush and Daniel J. Kevles, were distributed to the membership on 15 March 1988. Please contact the HSS Publications Office immediately if you have yet to receive your ballot.

Completed ballots must be received by the HSS Executive Secretary by 15 April 1988. Results of this election will be announced in the July Newsletter.

HSS Support for Thematic Meetings

In 1986 the History of Science Society began a program to sponsor or endorse occasional or thematic scholarly meetings. Later this spring, for example, the Society will cosponsor a conference celebrating the 350th anniversary of Descartes’s Discourse on Method and a symposium on the history of modern mathematics. (See Meetings and Lectures section for further information.) The committee overseeing this program hereby issues a third call for applications for sponsorship and endorsement.

To be endorsed or sponsored by the Society, a meeting must be held at a different time of year and in a different place from the HSS annual meeting. The meeting should address a thematic question in the history of science. Endorsed meetings...

Company in 1936, he went to Italy and then to Zurich, where he studied Renaissance culture at the university.

Bern Dibner’s encounter with Leonardo burgeoned into his great enterprise of collecting the primary sources of the history of science and technology in all fields. Initially the books and papers were stored in metal cases in his office. The collection, which became known as the Burndy Library, was chartered in 1941. By the mid 1950s a separate building was needed to house the 40,000 volumes collected by then; the elegant and distinctive Burndy Library building was designed and finally opened in 1964. Bern Dibner saw the Burndy Library not merely as a “steward of the written and printed word establishing the discipline of science,” but also as contributing in important ways to the dissemination of “the story of the attainment and methods of science.”

What made Bern Dibner so extraordinary is that he was not only an inventive and imaginative engineer, an able and successful businessman, a respected captain of industry, a generous philanthropist, one of the great book collectors, and the founder of a magnificent library, but that he was also a fine scholar. He was the author of twenty-one of the publications of the Burndy Library and the joint author of three of them. A characteristic example of his scholarship was his book Oersted and the Discovery of Electromagnetism (1961). Undoubtedly his favorite among all the books he wrote was Heralds of Science (1955, 1980). In this magnificently produced book, he revealed the essential bond that existed between his collecting and his scholarship. At first sight Heralds of Science seems merely to be a beautifully illustrated catalogue of two hundred “epochal books and pamphlets in the physical and biological sciences in the Burndy Library that were instrumental in establishing our age of science.” But the simplicity and lucidity of his annotations should not deceive the reader. Impressive scholarship was at work in the choice of these two hundred important and seminal works. It is regularly cited in the characterization of books of exceptional importance.

Not content to have created the Burndy Library, Bern Dibner replicated its mission elsewhere. He donated two major collections to Brandeis University and made substantial contributions of books to Harvard, Yale, the Polytechnic Institute of Brooklyn, Wesleyan, and the University of Bridgeport. In 1976 he established the Dibner Library, a national library in the history of science and technology, at the Smithsonian Institution in Washington, D.C.; to it he donated 11,000 volumes, plus incunabula and manuscripts. He also endowed institutions of higher education heavily. His gifts established the Bern and Barbara Dibner Chair in the History of Science at Brandeis University, the Bern Dibner Library at the Polytechnic Institute of Brooklyn, and a curatorship and a chair at the Hebrew University in Jerusalem. The culmination of Bern Dibner’s lifelong involvement in the history of science was realized in the founding of, with support from the Dibner Fund, the Dibner Institute for the History of Science and Technology in 1987, a consortium of...
will receive the approbation and encouragement of the Society and will have the right to use the Society’s name in fundraising and promotion. A limited number of sponsored meetings, to be chosen on a competitive basis, will be eligible for financial support. In evaluating proposals for endorsement or sponsorship, the selection committee will emphasize the following criteria: scholarly merit, regional needs, importance of subject, and diversity of audience. Applications for sponsorship may request funds for expenses only; honoraria and overhead will not be provided. The maximum award will be $3,000, although most awards will be smaller. For further information and application guidelines, contact John W. Servos, Department of History, Amherst College, Amherst, MA 01002; (413) 542-2035. The selection committee also includes William Montgomery and Martha Verbrugge. The next deadline for applications will be 15 September 1988 for meetings to be held before 30 June 1991.

institutions of higher learning in the Greater Boston area. He actively helped plan the institute and took part in its inaugural meeting last December, at which he expressed great satisfaction at having seen his plans bear fruit. It was his last professional activity.

As all members of the History of Science Society are aware, Bern Dibner was also a generous patron of our Society. For decades he made a gift every year and in addition supported the funding of the Sarton Medal awards. He helped launch the drive to secure the future of Isis and to establish an endowment fund for the other programs by making challenge grant pledges in 1984 and 1986 totaling $450,000. It was an act that transformed our hopes, both for the Society and for the profession it serves.

During the last few months, still going daily to his library at the age of 90, Bern Dibner sought extra solace in his work after the death of his wife, Barbara, on 19 May 1987. He lives on in the scholarly activities he launched and in the powerful effect he had on everyone whom he encountered. Iron integrity marked every facet of his manifold activities. His unique combination of kindly interest and total honesty earned him the respect and affection of all who came in contact with him.

HSS Officers & Committee Chairs, 1988–1989

Society members are urged to use these addresses and telephone numbers to contact those with responsibility for and oversight of specific HSS activities and programs.

Officers

President: Mary Jo Nye, Department of History of Science, University of Oklahoma, Norman, OK 73019; (405) 325-2213. Through June 1988: Department of the History of Science, Harvard University, Science Center 235, Cambridge, MA 02138; (617) 495-3741.

Vice-President: to be elected.

Executive Secretary: Michael M. Sokal, History of Science Society, 35 Dean Street, Worcester, MA 01609; (617) 793-0712; Department of Humanities, Worcester Polytechnic Institute, Worcester, MA 01609; (617) 793-5363.

Treasurer and Chair, Committee on Finance: Mary Louise Gleason, 54 Riverside Drive, Apt. 3D, New York, NY 10024; (212) 595-6084.


Editor-Elect of Isis: Ronald L. Numbers, Department of History of Medicine, University of Wisconsin, 1300 University Avenue, Madison, WI 53706; (608) 262-3701.

Editor of Osiris: Arnold Thackray, Beckman Center for the History of Chemistry, 3401 Walnut Street, University of Pennsylvania, Philadelphia, PA 19104; (215) 898-4896.

Director of Publications: Frances Coulborn Kohler, 215 South 34th Street, Philadelphia, PA 19104-6310; (215) 898-8575.

Chairs of Standing Committees

Chair, Committee on Education: Kathryn Olesko, Department of History, Georgetown University, Washington, DC 20057; (202) 625-4910. Through May 1988, Program in History of Science, Princeton University, 220 Palmer Hall, Princeton, NJ 08544; (609) 452-4716.

Chair, Committee on Honors and Prizes: Albert E. Moyer, Department of History, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061; (703) 961-5216.

Chair, Committee on Meetings and
FELLOWSHIPS

The Committee on Research of the American Philosophical Society meets several times a year to evaluate the approximately 700 applications it receives annually. About 30% of the applicants receive funding. The Society makes grants toward the cost of scholarly research in all areas of knowledge except those in which support by government or corporate enterprise is more appropriate or regularly available. It is the Society’s long-standing practice to encourage research by younger and less well established scholars, though not for predoctoral research or study. For applications, briefly describe your project and proposed budget in a letter to Committee on Research, American Philosophical Society, 104 South Fifth Street, Philadelphia, PA 19106.

California Institute of Technology announces a one-year postdoctoral fellowship (renovable for a second year) in history of science or technology since the late nineteenth century, in life or physical sciences with a focus on public policy. The appointment will begin in fall 1988; requirements for the Ph.D. must be completed by September 1988. The holder of the fellowship will divide his or her time between independent work and assisting in research on subjects such as genetics and society or science and defense. Applications are welcomed from students of American history with interests in scientific and technological issues as well as from historians of science or technology. The deadline is 30 April 1988. Please send letter of application, dossier, recommendations, and statement of independent research plans to Daniel J. Kevles, 228-77, California Institute of Technology, Pasadena, CA 91125.

The Fellows Program of the Center for Theoretical Studies is an unstructured program designed to further the development primarily of younger scientists pursuing basic theoretical research in physics, biology, chemistry, and mathematics and in the history and philosophy of science. Fellows have no assigned duties, and appointments are open to senior and postdoctoral scholars wishing to broaden the scope of their interests. Recent Ph.D.s will usually be in residence for periods of one year (renovable); established scholars may elect to be in residence for one or more semesters. Contact Linda F. Scott, Deputy Secretary, University of Miami, P.O. Box 249055, Coral Gables, FL 33124; (305) 284-4455.

POSITIONS

The History of Science Society will continue to offer its Job Opening Notification Service, designed to inform those interested in employment opportunities announced after the deadline of one Newsletter and scheduled to close before the next Newsletter will appear. Individuals wishing to receive notices of such job openings should write to the HSS Executive Secretary and indicate [a] the specific fields in which they are most interested; and [b] any geographical restrictions or preferences. Departments, programs, and other groups should name one individual who will oversee the appropriate distribution of these notices among students, alumni, and members. Departments and programs may be asked to contribute a nominal sum to help support the service.

The Department of History of the University of Alabama in Huntsville seeks to appoint a tenure-track assistant professor. Responsibilities include teaching of Western civilization and United States surveys, plus upper-division and graduate courses. About one half of the individual’s time would be devoted to work with other faculty members and graduate students on research and writing related to the history of the NASA Marshall Space Flight Center. Send curriculum vitae, transcripts, and three current letters of recommendation to Johanna Shields, Department of History, University of Alabama, Huntsville, AL 35899.

The American Institute of Physics Center for History of Physics seeks a historian of physical science to serve as project historian for a major new study of multi-institutional collaborations. The initial two years of the long-term study will focus on the area of high-energy physics. (See the description under “Related Societies & Programs.”) The Project Historian will play a central role in activities such as developing data files, conducting interviews, and preparing reports on findings. There will be opportunities for historical research leading to publication. A Ph.D. in history of science with some background in physics is preferred. The AIP offers competitive salaries and is an equal opportunity employer. Send résumé and letter of application to Joan N. Warnow, AIP Center for History of Physics, 335 East 45 Street, New York, NY 10017. Deadline for applications is 1 July 1988.

The National Air and Space Museum, Smithsonian Institution, is seeking to appoint a curator in the Department of Aeronautics. The position requires extensive knowledge of the history of aviation or air power, which may include one or more of the following areas of specialization: history of the U.S. Air Force; strategic bombing; history of aeronautical science and technology; history of aviation in the U.S. or Europe; aviation industry and institutions. Interested applicants should forward a completed SF 171 (application for federal employment), a vita, and abstracts of two or three of their most significant publications to Smithsonian Institution, Employment Office, Washington, DC 20560, Attention: MPA-87-60-

The National Museum of American History [NMAH], Smithsonian Institution, seeks to appoint three new curators. Responsibilities for each position include research, interpretation, publication, exhibition, and collection development in the area of specialization. The specific open positions are in the following fields: (1) The history of American science, with emphasis on the history of life sciences since 1880. Candidates must provide evidence of professional historical research in the intellectual and social history of the life sciences. Applications will
The Council for International Exchange of Scholars announces the opening of competition for the 1989-1990 Fulbright Grants for research and university lecturing abroad. The awards will include more than 1,000 grants for periods ranging from three months to a full academic year. There are openings in over 100 countries and, in many regions, multircountry research opportunities are available. Fulbright Awards are granted in virtually all disciplines, and scholars in all academic ranks are eligible to apply. Applications are seriously encouraged from retired faculty and independent scholars. For more information and applications, call or write Council for International Exchange of Scholars, Eleven Dupont Circle NW, Washington, DC 20036-1257; (202) 939-5403.

The Sidney M. Edelstein Center for the History and Philosophy of Science, Technology and Medicine of the Hebrew University of Jerusalem announces Post-Doctoral Fellowships for the 1988-1989 academic year. Students with a Ph.D. degree or its equivalent in the history, philosophy, or sociology of science, as well as in the physical and life sciences, are invited to apply. The application should include curriculum vitae, list of publications, letters of recommendation, the abstract and a sample chapter from the doctoral dissertation, and an outline of a planned project.

Major relevant collections include the Edelstein Collection (chemistry, alchemy, and dyeing), the Albert Einstein Archive, the theological manuscripts of Isaac Newton, and the Friedenwald Collection (history of medicine). The Center is also a repository for the Archive for the History of Quantum Physics assembled by the American Institute of Physics. Applications should be addressed to the Edelstein Center, Hebrew University, Givat Ram, 91904 Jerusalem, Israel.

The Indo-U.S. Subcommission on Education and Culture is offering twelve long-term (6-10 months) and nine short-term (2-3 months) awards for research in India during 1989-1990. These grants will be available in all academic disciplines, and scholars with limited or no prior experience in India are encouraged to apply. The application deadline is 15 June 1988. Application forms and further information are available from Council for International Exchange of Scholars, Indo-American Fellowship Program, 11 Dupont Circle NW, Suite 300, Washington, DC 20036-1257; (202) 939-5469.

The National Endowment for the Humanities announces two categories of fellowships for the 1989-1990 academic year. These are Fellowships for University Teachers, intended for faculty and staff members of universities that grant the Ph.D. and of postgraduate professional

Continued on next page

be accepted immediately, and until a suitable candidate is identified. Direct inquiries and requests for announcement 88-117F to Ramunas Kondratas, Division of Medical Sciences, NMAH, Room 5000, Smithsonian Institution, Washington, DC 20560; (202) 357-2145. (2) The history of marine transportation, naval architecture, and related areas. The museum is seeking applications from maritime historians, marine archeologists, anthropologists interested in maritime history, historians of maritime commerce, and social historians of maritime labor, the Spanish Conquest, or other topics. Direct inquiries and requests for announcement 88-98F to William Withuhn, Division of Transportation, NMAH, Room 5010, Washington, DC 20560; (202) 357-2025. (3) The history of technology, with emphasis on the history of engineering in the United States. Candidates must provide evidence of research and scholarship, and those demonstrating expertise in both technical developments and their sociocultural context are preferred. Direct inquiries to Bernard S. Finn, Division of Electricity, NMAH, Room 5025, Washington, DC 20560; (202) 357-1840.

The Tennessee Valley Authority is seeking a program administrator for its historical collections. Candidates should have a master's degree in museum studies or related fields with museum emphasis and at least three years' experience in the museum profession. Experience in industrial technology and material culture is strongly desired. The position will involve research in the public history of the TVA leading to the development and oversight of the TVA Historical Collection. Send curriculum vitae, request for detailed job description, and request for application to Tennessee Valley Authority, Cultural Resources Program, Norris, TN 37828.

Worcester Polytechnic Institute announces the establishment of the Paris Fletcher Distinguished Professorship in the Humanities, a generously endowed chair carrying a half-time teaching responsibility within the Department of Humanities and ample opportunity and support for research. Nominations and applications from distinguished senior figures in American studies (any liberal arts discipline) or in creative writing and criticism are welcomed. All correspondence should be addressed to Jo Ann Manfra, Chair, Department of Humanities, Worcester Polytechnic Institute, 100 Institute Road, Worcester, MA 01609; (617) 793-5385.

APRIL DEADLINES

The Department of Medical History and Ethics, School of Medicine, University of Washington, seeks to appoint an assistant professor whose prime responsibility will involve teaching and lecturing in medical ethics. A completed doctoral degree in one of the disciplines relevant to medical ethics is required. Candidates with some background in the history of medicine will be looked upon favorably. Some experience in clinical instruction and consultation in medical ethics is desirable, and competence in medical jurisprudence, health law, or philosophy of medicine will also be taken into account. Though primarily responsible for teaching history and ethics in the School of Medicine, the department also does some teaching in the College of Arts and Sciences, particularly in the undergraduate program in the History of Science, Technology, and Medicine. The department offers master's degrees in medical history and ethics. Applications are due 30 April 1988. Submit a letter of interest, curriculum vitae, and list of at least three references (giving position, address, and phone number) to Faculty Search Committee, Department of Medical History and Ethics, A-204 Health Sciences SB-20, University of Washington, Seattle, WA 98195; (206) 543-5447.
FELLOWSHIPS—continued

schools, and Fellowships for College Teachers and Independent Scholars, designed for faculty and staff members of two-year and four-year colleges and universities that do not grant the Ph.D., individuals affiliated with institutions other than colleges and universities, and scholars and writers working independently.

Successful applicants may begin tenure of their fellowships as early as 1 January 1989, and as late as the beginning of the spring term of the 1989–1990 academic year. Fellowship tenure may last from six to twelve months, the application deadline is 1 June 1988, and decisions will be announced in mid December 1988. For further information and application materials write to the Division of Fellowships and Seminars, Room 316, National Endowment for the Humanities, 1100 Pennsylvania Avenue NW, Washington, DC 20506.

The Rockefeller Archive Center of the Rockefeller University announces the creation of an annual Scholar in Residence Program in the general field of the history of philanthropy, designed to foster research in the holdings of the Center. Applications are encouraged from established researchers and scholars who would benefit substantially from an extended period of research at the Center. The application should include a curriculum vitae, a letter detailing the candidate’s research interests and demonstrating familiarity with the Center’s holdings, and letters of reference from three persons familiar with the candidate’s research and scholarship. Address inquiries and applications to Darwin H. Stapleton, Director, Rockefeller Archive Center, Pocantico Hills, North Tarrytown, NY 10591.

The Institute for Research in the Humanities of the University of Wisconsin—Madison invites applications for several postdoctoral fellowships tenable at the Institute during the 1989–1990 academic year. The Institute supports research in history (including the history of science), philosophy, and language and literature. The Institute is particularly eager to assist young scholars who have research projects well advanced. The stipend is currently set at $22,000. Application deadline is 15 October 1988. For additional information, write Institute for Research in the Humanities, Old Observatory, University of Wisconsin, Madison, WI 53706.

RESEARCH OPPORTUNITIES

The NASA History Office currently seeks proposals for two particular kinds of projects. (1) A Documentary History of the Space Age, with special emphasis on the U.S. space program. Primary focus should be on the post–World War II period. Proposals should be submitted by 1 August 1988. Please notify the History Office by 1 July 1988 if you plan to submit a proposal. (2) Research and writing projects in NASA-related Aerospace History, leading to the completion of publishable journal-length essays or small monographs. Proposals should be submitted by 15 June or 15 October 1988. For further guidance in preparing both kinds of proposals, please see History at NASA (HHR-50), or contact Sylvia D. Fries, Director, NASA History Office, National Aeronautics and Space Administration, Washington, DC 20546; (202) 453-8300.

The divisions of Materials Development and of Teacher Preparation and Enhancement of the National Science Foundation have just committed up to $1 million to support projects involving the History and Philosophy of Science, Technology, and Mathematics in Elementary and Secondary Education. Their solicitation (NSF 88-14) calls for proposals that either would introduce historical or philosophical perspectives into curriculum materials and the teaching of science, or would introduce the history and impact of science into curriculum materials and the teaching of history. They explicitly hope to receive proposals for projects that will combine the skills of historians or philosophers with the expertise of those who have worked in elementary and secondary curriculum design and implementation, as the solicitation notice says, “the availability to a project of experience in both areas is critical.”

Potential applicants should contact, as soon as possible, Mary Kohlerman, Program Director, Instructional Materials Development Program, Room 635, National Science Foundation, Washington, DC 20550; (202) 357-7066. They should also consult the following program announcements: NSF 88-10, Division of Teacher Preparation and Enhancement; NSF 88-12, Division of Materials Development, which includes all appropriate forms; NSF 88-14, the formal solicitation of these projects; and [if necessary], NSF 83-57 [revised 1/87], “Grants for Research and Education in Science and Engineering” NSF’s general guide for proposal writers.

The deadline for formal proposals in response to the solicitation is 1 June 1988, and NSF expects potential applicants to submit preliminary proposals as soon as possible. These should present, in two to six pages, both the general concept around which the formal proposal will be developed and some idea of the amount that will be requested. The program hopes to respond to these preliminary proposals within two to four weeks of their receipt.

Members of the History of Science Society who have any interest whatsoever in the educational concerns represented by this solicitation are urged to submit preliminary proposals, even if they doubt that they can meet the 1 June 1988 deadline for formal proposals. Doing so would do much to ensure that NSF remains aware of the full breadth and depth of our members’ interest in educational matters.

The National Science Foundation has created, within the Division of Instrumentation and Resources (DIR) of the Directorate of Biological, Behavioral, and Social Sciences, a Program for Studies in Science, Technology, and Society. This new program has assumed the responsibilities of the Program in History and Philosophy of Science [HPS], which had previously operated within the Division of Social and Economic Sciences) and the Program in Ethics and Values Studies [EVS]. The director of DIR is John Wooley, and the codirectors of the new program are the former directors of the earlier programs, Ronald J. Overmann (of HPS) and Rachelle D. Hollander (of EVS). Both will continue to oversee proposals in their own areas of expertise and will hold separate panel meetings, and the new program may in the future also fund some research in the sociology of science. For the 1987 fiscal year (1 October 1986 through 30 September 1987), HPS and EVS budgets had totaled $2.09 million and, for the 1988 fiscal year (which began on 1 October 1987), the new Program’s budget is $2.09 million. A total of $2.28 million has been requested for the 1989 fiscal year (which will begin on 1 October 1988) and, since ethics and values studies have access to funds that have been set aside in other NSF research and education directorates, the program’s budget is effectively larger. For further information, contact Dr. Overmann, (202) 357-9677; or Dr. Hollander, (202) 357-9894.

by SARA JOAN MILES
Wheaton College

The results of the twelfth annual HSS employment survey were reported at the yearly meeting in Raleigh in October 1987, and that information is presented below.

Between 1 May 1986 and 30 April 1987, 63 positions were advertised for which history of science, technology, or medicine (HSTM) was a required, desirable, or possible field of specialization. The same sources that have been used for the past four years were reviewed: HSS Newsletter, AHA Perspectives, SHOT Newsletter, Bulletin of the American Association for the History of Medicine, and the Chronicle of Higher Education. Of the 63 advertised positions, 2 were canceled, and no data are available for 3 because the institutions refused to respond to our requests for information. The available data were amassed through a mail survey (stamped envelopes were included for easy reply), a follow-up mailing two months later to institutions that had not responded, and telephone surveys one month after that for those that still had not returned the survey forms.

Of the remaining 58 positions, decisions had not been reached in 2 cases, and 2 positions were not filled because no suitable candidates were identified.

The primary nature of the positions advertised can be described as follows (although these are not always mutually exclusive categories): teaching [32, or 51%]; research, editing, or writing [17, or 27%]; library or museum work [7, or 11%]; and administrative or office work [7, or 11%].

Three categories were used to classify the various positions: Category I contains all jobs for which HSTM was the primary area of expertise required; Category II contains those for which HSTM was listed as a desired secondary or supporting area of expertise; and Category III contains those for which HSTM was one of several possible areas of expertise. Each of these categories was further divided into permanent and temporary positions.

The total number of advertised positions is two more than last year and equal to the number for 1984–1985. However, the number of jobs in Category I was significantly lower (31, or 49%, in 1986–1987 vs. 43, or 70.5%, in 1985–1986). Category II remained essentially the same (9, or 14%, this year vs. 8, or 13%, last year). The big change can be seen in Category III, which accounted for 23 jobs (37%) this year, compared with 10 (16.5%) last year. A negative interpretation of these figures would focus on the large drop in Category I; a more positive view would stress that HSTM is more often seen as a possible area of support when a need exists.

Comparisons between this year’s results and last year’s with regard to the total number of applications, the number of applications from males and females, and the relative number of applications from candidates with preparation in HSTM, history other than HSTM, or other fields cannot be made because 6 institutions could not provide complete data and 6 others could only give estimates. Nevertheless, the number of applications appears to have been significantly larger this year, with over 2,500 compared to 1,377 for 1985–1986.* If one assumes that the ratio of male to female applicants that can be determined in the data provided is representative of the total group, 3 males applied for positions for every female, a figure consistent with last year’s results. Offers were extended to 64 individuals; excluding one unidentified individual, 41 went to men, 22 to women (65% to 35%). Thus females were more successful than their apparent total in the applicant pool would have predicted, a reversal of last year’s totals, in which males were more successful (77% to 23%). Respondents were vague last year concerning the number of applications received from minorities. This year they not only were vague, but were unable to provide the data in many cases because the application process did not elicit that information. However, the number of applicants identified as minority rose from 19 last year to 40 this year (4 of them in estimated figures). Two of the successful candidates were members of a minority group. Overall, in terms of reported educational background, 1,363 (78%) applications were by holders of the Ph.D. or equivalent, 249 (14%) by A.B.D.’s, and 133 (8%) by those with some other degree at the time of application, compared with last year’s data of 75%, 20%, and 5%, respectively. Successful candidates had earned the Ph.D. in 82% of the cases, a jump from last year’s 75%. The 8 positions that were filled by people holding a master’s or a bachelor’s degree were generally in writing, library or archival work, or museum work. Only 1 non-Ph.D. (an A.B.D.) was hired for a teaching position.

In Category I, where HSTM was the primary field of expertise sought, the male to female applicant ratio was slightly lower than in the general pool (74% male as opposed to 75%). Thirty-one offers were made in this category, with 21 going to men (68%) and 10 going to women (32%). [Two offers were turned down, one by a man and one by a woman.] These figures are consistent with the total employment picture, and they differ from last year’s figures, in which successful candidates in this group were more likely to be males than in the total survey. Of those whose educational level and background were known, 30 (100%) had the Ph.D. or equivalent, 25 (83%) had a degree in HSTM, 3 (10%) had a degree in history other than HSTM, 1 (3%) had a degree in philosophy of science, and 1 (3%) had a degree in Russian studies.

In Category II, where HSTM was a desired secondary field, half of the 8 successful candidates were female. Three of the candidates had earned the Ph.D., 1 was a Ph.D. candidate, 2 had an M.A., 2 had a bachelor’s degree, and 1 had no degree reported. With respect to the field of study, 3 had a background in HSTM, 3 in history other than HSTM, 1 in American studies, and 1 in political science. This is a reversal from last year’s results.

*The “applicant pool” is not synonymous with “total applications,” as some candidates undoubtedly applied for more than one position.

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**Notes:**
- AHA = American Historical Association
- AP = American Institute of Physics
- APA = American Psychological Association
- AWS = American Water Works Association
- BSS = Black Scholar
- BMSS = British Museum Society
- CHER = Chronicle of Higher Education
- CIBI = Charing Cross Institute of News
- CHE = CHEE
- CHS = Chemical Society
- IEEE = Institute of Electrical and Electronics Engineers
- MAR = MAS Archives
- MedLib = Medical Libraries Association News
- ME = M.E. Magazine
- NASA = NASA Newsletter
- NNT = New York Times
- OAH = Organization of American Historians Newsletter
- PNN = Physical News
- PT = Physics Today
- SAA = Society for American Archaeology
- SciTech = SciTech Newsletter
- SOTS = Society for Texts of Significant Tibute
- SPE = Spectrum
- WSM = Washington Post
- WS = Washington Science
- NSF = National Science Foundation
- AIBB = American Institute of Biological Sciences
- AMS = American Mathematical Society
- AAUP = American Association of University Professors

**Key to Tables:**

- Universities (U's) are alphabetized under the main part of the name.
- **x** = Respondent left blank.
- **a** = Respondent checked the blank box but did not give a number.
- **t** = Respondent uncertain.
- **b** = Before a number indicates that respondent gave an estimate.

**Fields:**

- **H** = History
- **M** = Medicine
- **P** = Philosophy
- **S** = Science
- **Sp** = Sociology
- **L** = Law
- **Hist** = Historical Studies
- **Other** = Other

**Other abbreviations are self-explanatory:**

- **Background:**
  - PHD = PhD required
  - PhD = PhD not required
  - Broad = broad historical background required
  - Not broad = broad historical background not required
- **Rank:**
  - Contractor = contractor
  - Most other abbreviations indicate level of professor or other teaching position or of government service

**Advertising media:**

- AA = Actuarial Action Newsletter
- AIBB = Bulletin of AIBB
- AUP = American Association of University Professors

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**SURVEY—continued**

In which 75% of the successful applicants in this category had their training in HSTM.

The third category, jobs for which HSTM was a possible field of expertise, yielded depressing results, for although HSTM was noted as a possible field for these positions, in fact only 1 of 24 jobs (4%) was filled by a candidate with a background in HSTM, whereas last year 4 of 7 successful candidates (57%) were in HSTM. The respondent for a position that was still open at the time of the survey indicated a desire to hire someone in HSTM but complained that there had been few applicants with that background. The data for the category indicate that this was the case for most of the positions. Of the 507 applicants for whom the field of study was noted, only 65 (13%) were in HSTM. A possible reason for this is noted in the last paragraph of this report and relates to where positions were advertised. One respondent noted that "the pool was composed largely of social historians. There were few historians of technology. Several well-prepared candidates had several years experience but very limited scholarship. Several A.B.D.'s did not demonstrate clearly that they would have degree in hand." It appears from this statement that the institution would have liked to hire someone in HT but could not find a suitable candidate. Another respondent echoed that view: "Although some historians of science applied for this position, there number was small and their quality did not compare well with that of the applicants from history. This was unfortunate, since there was genuine openness in the department to the possibility of appointing a historian of American science or medicine. Also, the work of the HSTM-trained applicants was sometimes too narrowly focused, with insufficient attention to the broader cultural, social, and political context or relevance of science or medicine." Other comments seemed to cluster in

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**The Singer Company polishing room, 1880.**

two groups: remarks from those who were very pleased with the applicant pool and complaints from those who expressed disappointment over one or more aspects of it. Positive comments included the following: "Superior preparation by almost all applicants. Very impressive group"; "We were very pleased with the applicant pool"; "The quality of the applicants was so high that we were successful in securing approval to hire two candidates although we initially were given one position"; "A marvelous pool—we could possibly have hired any of our short-listed (6) candidates"; and "We were very pleased with the size and high quality of the applicant pool."

Negative comments concerned both the quantity and the quality of the pool. One respondent lamented the fact that they had no female applicants and that few of the candidates had evidence of scholarly contributions in the field. Several returns noted that job seekers seemed to be applying for any and all job openings, even when they were not qualified—a remark that points to the distinction between the "applicant pool" and "total applications." For instance, one wrote: "The number of applicants who were truly well qualified for the position described, vis-à-vis field, was surprisingly small. A number of applicants were really in neighboring disciplines. However, virtually all candidates seemed very well qualified in other respects." Three commented on the small number of applicants. An additional three complained about the nature and perceived purpose of HSTM training. One said: "There seemed to be some narrowness of topics and a tendency to equate institutional history with history of science." Another urged "broader training of history of medicine students. Almost no candidate had any exposure to health science professionals or understanding of clinical subject matters—too socially oriented." A third respondent said: "It was hard to find a good generalist who was willing to 'push paper' and do meaningful but tiresome 'grunt work.'" Another added: "I need [and will need for postdocs] candidates technically trained in physics with a sensitivity to institutional and general history. Unfortunately, such preparation is relatively rare." And a final one said that candidates would be stronger if they had a good background in "hands-on science" as well as history of science.

The implication from these comments is that in Categories II and III HSTM was not viewed as sufficient preparation to meet the primary need. There was a need either for a broader background or for more technical training, depending on the nature of the position advertised.

Three additional concerns surfaced as a result of the survey. First, one of the respondents who was contacted by phone expressed concern that candidates from a certain limited number of institutions, simply because of the prestige of the degree-granting universities, were given preference in the selection process. The concern was that if this continues to be the case and if the practice is widespread, the "second-class" programs will be unable to place their graduates and will have to consider the ethics involved in admitting students to programs that are dead ends in terms of employment. A second problem relates to the advertising media.

Continued on next page
utilized by the institutions. Of the 57 positions for which data are available, 22 (38.5%) were not advertised in the HSS Newsletter. HSS should undertake immediately to determine why institutions that are advertising jobs for people with HSTM backgrounds fail to place ads in an obvious source. In the meantime, those seeking employment should be alerted to the fact that many positions can be found in AHA Perspectives and the Chronicle of Higher Education. Finally, the inability of respondents to provide requested data seems to stem from changes in the screening and hiring process in the past few years. One respondent suggested that the survey should be sent when the ad appears "so as to make easier tabulation of appropriate data. It's too time-consuming to do it this way." Several others indicated that no data are kept on anyone not making the short list and that they would have to receive the survey much earlier to provide the information requested. Future surveys therefore should be sent as soon as job openings appear, although this will increase the problem of follow-up. If that does not work, HSS will have to decide if all the data are needed and what form requests for them should take in order to receive complete results and to make the task easier for the respondents.

Recent Grants, Fellowships & Contracts

News of the following grants and fellowships, recently awarded by the National Endowment for the Humanities, will interest readers of the Newsletter. All awards are made for amounts up to the indicated sum.


Among the fellowships recently awarded by the Smithsonian Institution in its various programs are the following.


History Associates Incorporated of Rockville, Maryland, has received a $1.7 million two-year contract, with three option years, from the U.S. Department of Energy, to prepare selected analytical studies on topics relating to arms control, weapons testing, treaty verification technology, and nuclear disarmament. The firm will continue to manage the computerized archives of the Department's Office of International Security Affairs; it will assist the DOE Office of Classification in developing a computerized retrieval system and review historical documents for classified and other controlled information. HAI historians will also locate and analyze additional historical records for the litigation support debates it created and maintains for the Office of General Counsel.

Since 1981 History Associates Incorporated has provided a broad range of historical, archival, records management, and litigation support services across the nation. In 1986 Inc. magazine listed History Associates as one of the 500 fastest-growing small private companies in America. For further information, contact Philip L. Cantelon at the Historic Montrose School, 5721 Randolph Road, Rockville, MD 20852; (301) 770-1170.
CALLS FOR PAPERS

On behalf of the Albatrosses, the aerospace history interest group of the Society for the History of Technology, Joseph N. Tataraewicz, Associate Curator, Space Science and Exploration Department, National Air and Space Museum, Smithsonian Institution, Washington, DC 20560; (202) 357-1600, is organizing a session for the fall 1988 SHOT meeting at the Hagley Museum on "Non-technical Factors in Aerospace Engineering Design."

The International Committee for the History of Medieval and Byzantine Science and the Walter Burley Society will cosponsor a session on Walter Burley's natural philosophy at the 24th International Congress on Medieval Studies, to be held in Kalamazoo in 1989. Send abstracts or papers (maximum 11 pages) and short curriculum vitae to André Goddu, Program of Liberal Studies, University of Notre Dame, Notre Dame, Indiana 46556 and to Michael Tkacz, International Committee for the History of Medieval and Byzantine Science, P.O. Box 124, Cardinal Station, Washington, DC 20064. The Walter Burley Society will sponsor a session on Walter Burley's logic at the same congress. The society is interested in both editing projects and analyses of texts. Send abstracts or papers (maximum 11 pages) and a short curriculum vitae to André Goddu, at the address noted above. The deadline for both calls is 1 October 1988.

The Fifteenth Annual St. Louis Conference on Manuscript Studies will be held
Continued on next page

XVIIIth International Congress of History of Science

If you have yet to receive the Congress's first circular, please request a copy from the Congress Office (at the address noted below) as soon as possible. Copies are also available from the Executive Secretary, Michael M. Sokal, 35 Dean Street, Worcester, MA 01609.

The Congress will be held under the auspices of the International Union for the History and Philosophy of Science, Division of History of Science (IUHPS/DHS), in both Hamburg and Munich, Federal Republic of Germany (FRG), 1–9 August 1989. The theme of the Congress, "Science and Political Order; Wissenschaft und Staat," is to embrace all aspects of the historical relationships between science (including technology and medicine) and the manifestations of secular and nonsecular power in all its various forms—political, ecclesiastical, and juridical. Theories about state and society will also be dealt with. Examples of themes to be discussed are science at courts, academies, universities, and public research institutions; the influence upon or control of science and technology through state scientific and professional organizations; the inevitable public imperatives arising from important scientific and technical innovations; and the consequences of legislation (whether influenced by ecclesiastical, ideological, racial, social, economical, technical, or other motives) on the development of science, medicine, and technology.

The scheduled program will include Plenary Sessions, organized by associa-

A few spots remain on the program of the 1988 History of Science Society Annual Meeting for works-in-progress papers. Please send paper topic and a brief abstract immediately to Shirley A. Roe, University of Connecticut, Department of History, U-103, Storrs, CT 06268.
CALL FOR PAPERS—continued

at St. Louis University on 14-15 October 1988. The Conference Committee invites papers dealing with one of the four following aspects of the manuscript: codicology, illumination, paleography, and texts. Those wishing to participate should request additional information from the Conference Committee, Vatican Film Library, Pius XII Memorial Library, 3650 Lindell Blvd., St. Louis, MO 63108.

On the occasion of the two hundredth anniversary of the French Revolution, the Society for Philosophy and Technology announces its Fifth Biennial International Conference, to be held at the University of Bordeaux, France, in June 1989 (dates to be announced). The Society invites papers on the theme "Technology and Democracy." Topics may focus upon any aspect of modern technology's significance for democratic theory, democratic citizenship, revolutionary movements, the quality of public life, and possibilities for democratic control of technology itself. For further information about the program, contact Langdon Winner, Department of Science and Technology Studies, Rensselaer Polytechnic Institute, Troy, NY 12180-3590. For information about the Society, contact Stanley Carpenter, Department of Social Sciences, Georgia Institute of Technology, Atlanta, GA 30332.

The Austrian Ludwig Wittgenstein Society announces the Thirteenth International Wittgenstein Symposium, to be held in Kirchberg/Wechsel, Austria, near Vienna, on 14–21 August 1988. The symposium's theme will be Philosophy of the Natural Sciences, and presentations need not be related to Wittgenstein's philosophy. Scholars wishing to speak at the symposium should request an abstract style sheet from the Austrian Ludwig Wittgenstein Society, A-2880 Kirchberg/Wechsel, Markt 2, Austria, telephone 02641/2280 or 2557. The deadline for receipt of abstracts is 31 May 1988. Official languages will be English and German. Those planning to attend the conference should contact A. Hübner at the above address for further information. The final date for registration is 30 June 1988. For information in the USA and Canada, contact Philip Hugly, Department of Philosophy, University of Nebraska, Lincoln, NE 68588, USA; (402) 472-2425.

FOR BOOKS & ARTICLES

The Journal of Computing and Society, a new academic journal on the social impact of computing technology and computerization, will publish its premiere issue late in 1988. This first issue will address the question, "Has There Been a Computer Revolution?" Papers on this topic may be submitted in quadruplicate to Gary Chapman, editor, The Journal of Computing and Society, P.O. Box 717, Palo Alto, CA 94301.

The General Editor of the JAI Press Annual Series Research in Social Policy: Critical, Historical, and Contemporary Perspectives is soliciting papers and detailed paper abstracts for future volumes. Papers should be no more than forty pages in length and paper abstracts should be at least four pages. Submission deadline is 30 June 1988. Send papers and abstracts to John H. Stanfield II, General Editor, Research in Social Policy, Department of Sociology, P.O. Box 1965, Yale Station, New Haven, CT 06520-1965.

CALLS FOR INFORMATION

The American Association for the History of Medicine is planning, in early 1989, to issue a new listing of current research being conducted on topics in the history of medicine and related sciences, including dissertations. Individuals and department heads desiring to have their projects and those of their students listed are urged to send the following information: (1) name; (2) institution or mailing address; (3) title of substantial research topics; and (4) estimated completion date. Send communications before 15 November 1988 to Charles G. Roland, 3N10-HSC, McMaster University, Hamilton, Ontario, Canada L8N 3Z5.

With the sponsorship of the Institution of Electrical Engineers, Frank A. J. L. James of the Royal Institution has begun preparing an edition of The Complete Correspondence of Michael Faraday (1791–1867). This edition will be based largely on the extensive collections of Faraday letters in the Archives of the Royal Institution and of the Institute of Electrical Engineers. The editor also seeks the support of librarians, archivists, collectors, scholars, antiquarian booksellers, and others aware (or in possession) of other letters both to and from Faraday. They are urged to contact him at RICHST, Royal Institution, 21 Albemarle Street, London, W1X 4BS, England.

ARCHIVES

The papers of Charlotte Friend have been deposited in the Archives of the Mount Sinai Medical Center in New York. Dr. Friend, a noted cancer researcher, died in January 1987, while on the staff of Mount Sinai.

The University of Pittsburgh Library System has been selected by the American Institute of Physics as a library of deposit for the Archives for the History of Quantum Physics.

BSHS–HSS Anglo-American Conference, Manchester, July 1988

Individuals planning to attend this conference who have not yet registered for it are urged to do so as soon as possible. North American participants should register through the Office of the HSS Executive Secretary. Please see the registration forms that appeared in the January issue of the Newsletter.

Late in May, those who have registered will be sent bound copies of the papers that will be discussed during the morning sessions, as well as abstracts of the papers that will be given in the afternoon symposia. Individuals who are not planning to attend the conference may also obtain copies of these papers and abstracts. Please send $20, payable to the History of Science Society, before 1 May to Ronald L. Numbers, Department of the History of Science, University of Wisconsin, 1300 University Avenue, Madison, WI 53706.

One of the morning sessions on Wednesday, 13 July 1988, will be devoted to Anglo-American medicine in the twentieth century, and discussion will revolve around Charles E. Rosenberg's new book, The Care of Strangers: The Rise of America's Hospital System. Participants may purchase copies of this book at a 20% discount directly from its publisher. Please send $18.36 plus postage ($1.50 in the United States; $5.00 foreign) directly to Department MAN, Basic Books, 10 East 53rd Street, New York, NY 10022.
MEETINGS & LECTURES

Through its Thematic Meetings Program, the History of Science Society is cosponsoring two future meetings. A conference, *Metaphysics and Classification of the Sciences in 1637*, celebrating the 350th anniversary of Descartes's *Discourse on Method*, will be held at San Jose State University, 15-17 April 1988; those interested in attending should contact Stephen Voss, Department of Philosophy, San Jose State University, San Jose, CA 95192-0020; (408) 277-2177. A symposium, *History of Modern Mathematics*, will be held at Vassar College, Poughkeepsie, NY, 13-17 June 1988; those interested in attending should contact David E. Rowe, Department of Mathematics, Pace University, Pleasantville, NY 10570; (914) 741-3745.

The 1989 annual meeting of the American Association for the History of Medicine will be held on 27-30 April 1989 in Birmingham, Alabama. Further information will appear in the next issue of the HSS Newsletter and is available from Judith Walzer Leavitt, Department of History of Medicine, University of Wisconsin, 1415 Medical Science Center, Madison, WI 53706.

The Australian Academy of the Humanities announces an international conference, "Terra Australis to Australia," to be held in August 1988. It marks the Australian Bicentenary and will consider many important aspects of Australia's cultural history. For information and registration forms contact Terra Australis to Australia, ACTS, GPO Box 220, Canberra ACT 2601, Australia; telephone (02) 49 8015.

Spring meetings of the Bar-Hillel Colloquium for the History, Philosophy, and Sociology of Science, 1987-1988, will include "Can 'Literature and Science' Become a Valid Subject?" George S. Rousseau, University of California, Los Angeles; Tomas Kulka, Hebrew University of Jerusalem, commentator; Jerusalem, Thursday, 12 May. "50 Years of the Merton Thesis," annual international workshop, organized by the Institute for the History and Philosophy of Science and Ideas, Tel-Aviv University and the Van Leer Jerusalem Institute; Tel-Aviv and Jerusalem, Monday–Thursday, 16-19 May.

"Choice and Preference," Richard C. Jeffrey, Princeton University; Maya Bar-Hillel, Hebrew University of Jerusalem, commentator; Jerusalem, Thursday, 2 June. "The Interaction of Science and World View in Modern Synthesis," John C. Greene, University of Connecticut; Eva Jablonka, Hebrew University of Jerusalem, commentator; Tel-Aviv, Tuesday, 14 June. For further information, contact the colloquium coordinator, Edna Ullmann-Margalit, P.O.B. 4070, Jerusalem, 91040, Israel.

A previous issue of the Newsletter published an announcement of the conference on R. G. Boskovich, *His Life and Scientific Work* to be held at the Istituto della Enciclopedia Italiana, Rome. The dates given previously have been changed to 23-27 May 1988. There will be no conference fee, but those who are interested in attending are asked to get in touch with Piers Bursill-Hall, at the Istituto della Enciclopedia Italiana, Piazza Pagnacia 4, Rome 00186, Italy (fax 39.6.6731.2175; telex 623620 Italien 1), or at the Department of Pure Mathematics and Mathematical Statistics, University of Cambridge, 16 Mill Lane, Cambridge CB2 1SB, England (fax 44.223.334748; telex 81240 Camspl G).

The Columbia History of Science Group will hold its annual meeting 29 April–1 May 1988. As is traditional, the meeting will take place at the Marine Research Laboratories of the University of Washing-
MEETINGS—continued

meet and to review recent contributions to the field. The main topics to be discussed include the emergence of the general theory of relativity, its early reception, the history of relativistic cosmology, and physical and philosophical interpretations of the general theory of relativity, the experimental history of general relativity, and the organizational history of the theory. Conference address: History of General Relativity, c/o J. Eisenstaedt, Laboratoire de Physique Théorique, Institut H. Poincaré, 11 rue P. et M. Curie, 75231 Paris Cedex 05; telephone 33 (1) 43 36 25 25 ext. 5100-3782.

A symposium on the History of the Sciences will be held 5–8 May at the Johns Hopkins University. Twelve scholars who attended the 1986 summer institute on the topic at the Center for Advanced Studies in the Behavioral Sciences will present papers on historiographic themes. For further information, contact JoAnn Brown, Department of History, Gilman Hall, Johns Hopkins University, Baltimore, MD 21218; (301) 338-7575.

The Department of History of Science, Faculty of Letters, Istanbul University, and the Research Centre for Islamic History, Art, and Culture (IRCICA, Islamic Conference Organization) will jointly organize the Third Symposium on the History of Science in November 1988. This symposium will examine the introduction of modern means and techniques of transport and communication to the Ottoman State. Individuals interested in taking part in this program should contact Ekmeleddin Ihsanoglu, Head of the History of Science Department and Director General of the Research Centre for Islamic History, Art and Culture, 34459 Istanbul, Turkey; telephone (1) 520-7540/355.

Among the thirty-eight research conferences recently announced by the Division of Research Programs, National Endowment for the Humanities, is Peirce and Contemporary Thought: The Charles S. Peirce Sesquicentennial International Congress, to be held at Harvard University, 6–9 September 1989. For further information, contact Hilary Putnam, Department of Philosophy, Harvard University, Emerson Hall, Cambridge, MA 02138; (617) 495-5501.

Genootschap voor de Geschiedenis der Geneeskunde, Wiskunde en Natuurkunde en Techniek (GeWiNa)—i.e., the Society for the History of Medicine, Mathematics, Natural Sciences and Technology of the Netherlands—will examine “The Two Cultures and the Unity of Knowledge” at a symposium to be held on 4 June 1988. For further information contact J. W. Van Sponsen, Secretary of GeWiNA, Veenendaalkade 463, 2547 AL Den Haag (The Hague, The Netherlands). Dr. Van Sponsen also has information on the Eleventh Benelux Congress for the History of Natural Sciences, which will be held in Bruges, Belgium, 28–30 April 1989. Its theme will be “The History of Seagoing and Maritime Sciences, from ca. 1830 and on the North Sea.”

Summer Seminars & Institutes

Among the 1988 Institutes for College and University Faculty being offered under the auspices of the National Endowment for the Humanities, the following three are of particular interest to readers of the HSS Newsletter. For further information about each, contact the individual listed.

Early Modern Philosophy, Brown University, 27 June–5 August; contact Jules Coleman, Council for Philosophical Studies, Yale Law School, New Haven, CT 06520; (203) 432-4842.

Aristotle’s Metaphysics, Biology, and Ethics, University of New Hampshire, 20 June–29 July; contact Allan Gotthelf, Department of Philosophy, Trenton State College, Trenton, NJ 08690; (609) 771-2438.

Interpretation in the Sciences and the Humanities, University of California, Santa Cruz, 21 June–29 July; contact David C. Hoy, Department of Philosophy, Kresge College, University of California, Santa Cruz, CA 95064; (408) 429-2781.

The American Antiquarian Society will conduct the third in its series of summer seminars in the interdisciplinary field of book history on 18–28 June 1988 in Worcester, Massachusetts. Sponsored through the Society’s Program in the History of the Book in American Culture, the 1988 seminar will focus on methods of inquiry, especially literary theory and social history, in examining the theme “The Politics of Reading, Writing, and Publishing in Nineteenth-Century America.” For further details, including information on fees and financial aid, and application forms, contact John B. Hench, Associate Director for Research and Publication, American Antiquarian Society, 185 Salisbury Street, Worcester, MA 01609; (617) 752-5813 or (617) 755-5221.

The Oxford Science Studies Summer Seminar and the CIBA Foundation announce an International Conference on Reporting Science, to be held at Rewley House, Oxford, 12–16 July 1988. For further information and application forms, contact J. R. Durant, Department for External Studies, Rewley House, 1 Wellington Square, Oxford, OX1 2JA, UK.

Related Societies & Programs

The American Association for the Advancement of Science has expanded the Carnegie Forum on Education and the Economy and has established the AAAS Project on Liberal Education and the Sciences to study science education for college students in all fields. The project hopes to find ways of teaching science to nonscientists, or perhaps to design a common core program suitable for all students, including prospective teachers and both science and nonscience majors. One apparent task is to determine what constitutes a liberal-arts science education, either in terms of content or goals. At the conclusion of the study (now scheduled to end early in 1989), the AAAS hopes to recommend specific curricular changes on the college level. Suggestions for the AAAS project may be communicated through the History of Science Society or directly to AAAS study group members: Peter Machamer, Department of History and Philosophy of Science, University of Pittsburgh, 223 Lefler Building, Pittsburgh, PA 15260; or Norriss Hetherington, Office for the History of Science and Technology, University of California, 470 Stephens Hall, Berkeley, CA 94720. The group would especially like to receive information on successful programs that might serve as exemplars in the AAAS report.

The American Historical Association has adopted and published a statement, "Standards of Professional Conduct," developed by the Professional Division. Enforcement guidelines are now under consideration. Copies of the statement, and a comparable statement on plagiarism, may be obtained from James B. Gardner, Deputy Executive Director, AHA, 400 A Street SE, Washington, DC 20003.

The American Institute of Physics Center for History of Physics will shortly begin a major project studying the complex issues facing the documentation of the history of multi-institutional collaborations in physics and allied sciences. During the postwar period, multi-institutional collaborations—for instance, an experiment run at a national laboratory by a team from a number of universities—have become increasingly important. But, despite the significance of these transitory "mini-institutions," little is known about how to document them and meaningful records of such teams have not yet been secured for the use of historians, sociologists, and others studying the research process. The study will identify patterns of collaboration, define the scope of the documentation problems, field-test possible solutions, and recommend future actions. The center's staff will be joined in the work by archivists, historians of science and technology, and sociologists; distinguished scientists, administrators, and other specialists will serve as advisers.

The focus of the initial two years will be the field of high-energy physics. Preliminary plans for subsequent fields include space science and geophysics. The long-range study will increasingly explore the applications of project findings to other areas of science and technology and the development of policies and guidelines in both the archival and science policy areas to improve future documentation.

Sufficient outside funding is in hand to initiate work during the summer. The National Historical Publications and Records Commission has committed partial support and the National Science Foundation has formally stated its long-term interest in the entire study. For further information, contact Joan N. Warnow, AIP Center for History of Physics, 335 East 45th Street, New York, NY 10017. See also the job announcement for the Project Historian under "Positions."

The Australasian Association for the History, Philosophy and Social Studies of Science (AAPHSSS) announces that from May 1988 its journal, Metascience, will be published as two issues per year rather than four.

GRADUATE PROGRAMS

In celebration of its centennial year, the University of Oklahoma has inaugurated a program of Centennial Graduate Assistantships, and the Department of the History of Science will be able to offer one for the 1988-1989 academic year. This award carries a stipend in the range of $10,000-$12,000 for nine months. The recipient's tuition and fees will also be paid, and the assistantship is potentially renewable for four years.

Founded in 1954, the program in the history of science at the University of Oklahoma is one of the oldest in the United States. Programs of study are offered leading to the degrees of Master of Arts and Doctor of Philosophy. Graduate students have complete access to the 75,000-volume History of Science Collection, one of the best in the United States. For details, contact the Chair, Department of the History of Science, University of Oklahoma, 601 Elm, Room 622, Norman, OK 73019; (405) 325-2213.

Northwestern University announces a program of graduate study and postdoctoral research designed to train scholars who wish to specialize in the history or philosophy of science or both. The university's faculty in these areas includes, for history of science, Laurie Brown (Physics), Betty Jo Dobbs, and David Joravsky; and for philosophy of science, Arthur Fine, David Hull, and Stephen Toulmin. An additional historian and philosopher are to be appointed. For additional information, contact Program in History and Philosophy of Science, c/o Department of Philosophy, Northwestern University, Evanston, IL 60208; (312) 491-3656.

The School of History and Philosophy of Science at the University of New South Wales in Sydney, Australia, has changed its name to the School of Science and Technology Studies, effective 1 January 1988. This name change is intended to reflect developments over the last decade which have broadened the school's range of activities to include not only the history and philosophy of science but also the history and philosophy of technology, social studies of science and technology, the study of science and technology policy, and the study of cognitive science.

Continued on next page

Dissertations Completed


The General Editor and the Editorial Board of the *American Historical Association's* forthcoming *Guide to Historical Literature* are conducting a search for approximately fifty historians willing and able to supervise the preparation of the various bibliographies that will make up the Guide. One of the categories is "Science and Technology," for which the section editor will ideally be a scholar familiar with both fields. According to John Higham, the section editors will need to contribute only a fraction of their time, but they will be the backbone of the enterprise. Each will determine the organization of his or her section, develop a list of essential entries, appoint and advise contributors to that section, and write a brief introduction. Although the compilation of the Guide is expected to take four years, most of the work of the section editors will be concentrated in 1988-1990. The AHA expects to pay suitable honoraria to section editors and to contributors as well. Offers to serve as editor of a specific section should include a brief statement of the special bibliographic problems or needs of the field in question. Please also submit a curriculum vitae and two short published book reviews, all addressed to John Higham, American Historical Association, 400 A Street, SE, Washington, DC 20003. Appointments will be made by the General Editor in July or August 1988.

**Awards, Appointments & Honors**

**Peter J. Bowler** has been appointed to a Readership in the Department of History and Philosophy of Science, Queen's University of Belfast, Northern Ireland.

**Thomas Boman** and **Lynn Nyhart** have been appointed tenure-track assistant professors in the history of biology at the Department of the History of Science at the University of Wisconsin-Madison.

**John Angus Campbell** of the University of Washington has been honored by the Speech Communication Association for "Scientific Revolution and the Grammar of Culture: The Case of Darwin's Origin," *Quarterly Journal of Speech*, November 1986, which was judged an outstanding monograph in speech communication.

**Alfred W. Crosby** of the University of Texas at Austin has been honored by Phi Beta Kappa for *Ecological Imperialism: The Biological Expansion of Europe, 900-1900* (Cambridge Univ. Press, 1986), which was judged an outstanding study of the intellectual and cultural condition of humankind.

**Stephen J. Dick** has been appointed the first Historian of the U.S. Naval Observatory, where he will undertake a full program of archival collection, oral histories, research, and writing.

**Engines of Change**, an exhibit at the National Museum of American History, Smithsonian Institution, has been presented the first Dibner Award for Excellence in Exhibits of the History of Technology and Culture by the Society for the History of Technology. The exhibit was curated by **Brooke Hindle** and **Steven Lubar** and designed by Constantine Raitsky, with William Withuhn serving as project manager. *Streamlining America* at the Henry Ford Museum and *Made in Maine* at the Maine State Museum received Honorable Mentions.

**Gerald I. Geison** of Princeton University was recently appointed National Library of Medicine Visiting Historical Scholar.

**Mary Louise Gleason** has been elected a Fellow of the New York Academy of Sciences.

**Judith V. Grabiner** has been appointed a Sigma Xi National Lecturer for 1988 and 1989. **Mott T. Greene** continues as Sigma Xi National Lecturer for 1988.

**Thomas Parke Hughes**, Mellon Professor of History and Sociology of Science at the University of Pennsylvania, has been elected to the Royal Swedish Academy of Engineering Sciences.

**Prize Competitions**

The Society for the History of Technology is now accepting nominations for the 1988 Dibner Award for Excellence in Exhibits of the History of Technology and Culture. Made possible by generous contributions from Bern Dibner and from the Charles Edison Fund, the award was established by SHOT to encourage the production of quality museum exhibits that interpret the history of technology, industry, and engineering to the general public. Exhibits that are less than two years old are eligible for the award, and nominations should be made within a year of the show's opening. Nominations for the 1988 award will close on 1 July 1988. Anyone, including those responsible for its creation, may nominate an exhibit. Submissions and inquiries should be directed to Bernard Finn, National Museum of American History, Room 5025, Smithsonian Institution, Washington, DC 20560. The Dibner Award is sponsored by the SHOT Technology Museum Special Interest Group.

The National Women's Studies Association announces the creation of the **Illinois-NWSA Book Award**, to be presented annually for the best book-length manuscript in Women's Studies. Applications should be sent to Caryn McGigh Musil, NWSA National Director, National Women's Studies Association, University of Maryland, College Park, MD 20742; (301) 454-3757.

Nominations are invited for the 1988 **Lawrence Memorial Award** for doctoral dissertation research in systematic botany.
David P. Miller has been appointed Head of the School of Science and Technology Studies at the University of New South Wales in Sydney, Australia, effective 1 March 1988.

Arthur L. Norberg has been appointed chair of the NASA History Advisory Committee, effective 1 January 1988.

Michael Shank has been appointed a tenure-track assistant professor in the history of early science at the Department of the History of Science at the University of Wisconsin-Madison.

Betty Smocovitis has been appointed Assistant Professor of History of Science in the Department of History at the University of Florida, effective August 1988.

Jeffrey L. Sturchio joined the staff of the AT&T Bell Laboratories Archives on 1 February 1988. He will continue as Book Review Editor of Isis.

J. W. Van Sponsen, Secretary of GeWiNa, the Society for the History of Medicine, Mathematics, Natural Sciences and Technology of the Netherlands, and chairman of the Commission for the History of Chemistry of the Royal Netherlands Chemical Society, has been nominated as chairman of the Working Party for the History of Chemistry of the Federation of European Chemical Societies.

PUBLICATIONS, ETC.

The Business History Bulletin is a new quarterly newsletter published by the Hagley Museum and Library. For more information contact Elizabeth Gray Kogen, Executive Administrator, Center for the History of Business, Technology, and Society, Hagley Museum and Library, P.O. Box 3630, Wilmington, DE 19807; (302) 658-2400.

Number 21 of Cahiers d'Histoire et de Philosophie des Sciences, a series directed by the French Society for the History of Science and Technology, has just been published. Edited by Ivor Grattan-Guinness, the volume makes available [in English] proceedings of a symposium devoted to the uses of history of mathematics in teaching mathematics, held in 1985 at the University of Toronto and sponsored by the International Commission on the History of Mathematics (ICHM) and the International Union for History and Philosophy of Science. The volume may be ordered, at a price of Fr 60 [plus Fr 20 postage] directly from Editeur Belin, Boite Postale 205, F-75278 Paris Cedex 06. By special arrangement with ICHM, readers in the Americas and the Pacific who wish to remit payment in U.S. dollars may receive a book directly from New York by sending a check for $20 [including postage and handling, made payable to the International Commission on the History of Mathematics], to Christoph J. Scriba, ICHM, Institut für Geschichte der Naturwissenschaften, Mathematik und Technik, Bundesstrasse 55, D-2000 Hamburg 13, Federal Republic of Germany. Upon receipt of each check in Hamburg, each order will be forwarded by electronic mail to New York within 24 hours, and a copy will be posted immediately from New York.

Annual subscriptions to Encuentro: A Columbian Quincentenary Bulletin are available for $12 from the Latin American Institute, University of New Mexico, Albuquerque, NM 87131.

A video presentation, Evolution and Human Equity, featuring Stephen Jay Gould of Harvard University, is available from Insight Video, 875 Main Street, Cambridge, MA 02139; (617) 354-7493.

With the financial support of eighteen professional societies in fields ranging from dietetics to remote sensing, the Office of Scientific Freedom and Responsibility of the American Association for the Advancement of Science has begun publishing a quarterly newsletter, the Professional Ethics Report. The contributing societies are all part of the AAAS-affiliated Professional Societies Ethics Group, which serves as a forum for more than sixty representatives of societies, universities, and government agencies to discuss ethical issues. Copies of the newsletter, which is free, can be obtained by writing to the Office of Scientific Freedom and Responsibility, AAAS, 1333 H Street NW, Washington, DC 20005.

The Commission on Teaching the History of Science of the International Union of the History and Philosophy of Science, Division of the History of Science, now issues a circular called TeaCom News. Contributions addressing important issues involved in teaching history of science, and requests for placement on the circular’s mailing list, should be addressed to Alistar M. Duncan, University of Technology, Loughborough, Leicestershire England LE11 3TU.

The first installment of a compilation of course material from an informal network of people teaching Critical Studies of Biology (or related courses) is now available, in return for a contribution to the second installment, or $3. The informal network understands critical studies to include courses that focus on two particular topics: (1) social and political influences on science, as revealed through history and current social issues involving science; and (2) scientific subjects, interpreted as being shaped by social action and power. Please write to Peter Taylor, E.R.G., Bldg T-4, University of California, Berkeley, CA 94720, if you wish to contribute to or to receive future installments. Issues in teaching critical studies of biology will be the topic of one session at the next History, Philosophy and Social Studies of Biology conference, to be held in the summer of 1989 (venue still to be determined).

The Detroit Area Chapter of the Association for Women in Science, Inc., presents Women Scientists and the Nobel Prize, a commemorative calendar for 1988. This fourteen-month calendar contains artists' depictions of the fourteen women scientists who have received a Nobel Prize or...
Books Received by Isis
December 1987-February 1988

Ordering information: Books and publications listed in the HSS Newsletter are available from the publisher. The History of Science Society cannot fill orders for non-HSS publishers. Note: Most books on the Books Received List that will be reviewed in Isis have already been assigned to reviewers. If you are interested in reviewing a forthcoming book for Isis, please write to the Book Review Editor, Isis, 215 South 34th Street, Philadelphia, PA 19104-6310.

PUBLICATIONS—continued

have been involved in the scientific research leading to the Nobel Prize. Calendars are available for $5.95 each plus $1 postage; make checks payable to AWIS-DAC. Send to Association for Women in Science, Detroit Area Chapter, P.O. Box 721072, Berkley, MI 48072.

EXHIBITS

Hard Times: Victorian Social Realism is open to the public at the Yale Center for British Art 6 April-29 May 1988. It is the first exhibition to trace the rise of social realism in Victorian art, an aspect of nineteenth-century English painting that has undergone considerable reevaluation and rediscovery in the past ten years. This landmark exhibition comprises over one hundred paintings, including many borrowed from the Royal Collection, the National Galleries, the Tate Gallery, and private collections in England, Europe, and the United States.

Legacies of Genius: A Celebration of Philadelphia Libraries is a free exhibition of nearly 250 rare books, manuscripts, and works of art, drawn from the sixteen member libraries of the Philadelphia Area Consortium of Special Collections Libraries (PACSCSL). It will be on display from 16 April through 25 September 1988 in the adjoining galleries of the Historical Society of Pennsylvania and the Library Company of Philadelphia at 1300 Locust Street, Philadelphia. Hours: Tuesday, Thursday, Friday, and Saturday, 10 a.m.-5 p.m.; Wednesday, 1 p.m.-9 p.m.; Sunday, 1 p.m.-5 p.m.; closed Mondays.


Alfred Abramson. The History of Television, 1890 to 1941. xiv + 354 pp., illus., bibl., index. Jefferson, N.C./London: McFarland, 1987. $29.95.


Olive Anderson. Suicide in Victorian and Edwardian England. xiii + 475 pp., illus., figs., appx., bibl., index. Oxford: Clarendon, 1987. $84.


Paul H. Barrett; Donald J. Weinshank; Paul Ruhlen; Stephen J. Ozminski [Editors]. A Concordance to Darwin’s The Descent of Man, a Selection in Relation to Sex, x + 1137 pp., appx. Ithaca, N.Y./London: Cornell University Press, 1987. $75.


Roger E. Blystein. Flight in America: From the Wrights to the Astronauts. xii + 356 pp., illus., index. Baltimore/London: Johns Hopkins University Press, 1984/1987. $32.50 [cloth]; $12.95 [paper].


Howard Brody. Stories of Sickness. xiii + 210 pp., bibl., index. New Haven, Conn./London: Yale University Press, 1987. $27.50.


History of Science Society Newsletter


Luc Chartrand; Raymond Duchesne; Yves Gingras. Histoire des sciences au Québec. 487 pp., illus., bibl., index. Montreal: Boréal, 1987. [Paper:]


Joan P. Coulino. Eros and Magic in the Renaissance. Translated by Margaret Cook. Foreword by Mircea Eliade. xxi + 264 pp., illus., bibl., index. Chicago/London: University of Chicago Press, 1987. $34.95 (cloth); $13.95 (paper).


Elisabeth Crawford; J. L. Heilbron; Rebecca Ullrich. The Nobel Population, 1901-1937: A Census of the Nominees and Nominees for the Prizes in Physics and Chemistry. (Berkeley Papers in History of Science, 11.) Uppsala Studies in History of Science, 4.1 357 pp., illus., bibl., index. Berkeley: Office for History of Science and Technology of the University of California; Uppsala: Office for History of Science of Uppsala University, 1987. $20.


Charles Darwin. Charles Darwin’s Natural Selection: Being the Second Part of His Big Species Book Written from 1856 to 1858. Edited by R. C. Stauffer. xvi + 692 pp., illus., bibl., index. Cambridge/New York/New Rochelle, N.Y.: Cambridge University Press, 1975; 1987. $29.95 (paper).


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**VOLUME 4 OF OSIRIS IS UNDER WAY!**


**AVAILABLE NOW:**

- **Volume 1**, *Historical Writing on American Science*, was published in 1985. Guest-edited by Sally Gregory Kohlstedt and Margaret Rossiter, Volume 1 presents an unprecedented overview of society and science in the United States.

- **Volume 2**, published in 1986, offers an array of important papers capturing themes at the leading edge of research and debate. Among the contributors to Volume 2 are David C. Lindberg ("The Genesis of Kepler’s Theory of Light"), Ernst Mayr ("J.G. Kölreuter’s Contributions to Biology"), and Garland E. Allen ("The Eugenics Record Office at Cold Spring Harbor").

- **Volume 3**, published in 1987, presents a collection of authoritative essays by leading historians of science. It features Ruth Barton (on John Tyndall’s Pantheism), Adrian Desmond (on artisanship and evolution in Britain), Robert E. Kohler (on private foundations and American science), Sheila Weiss (on the race hygiene movement in Germany), and Alan Needell (on the federal role in radioastronomy).

**NOW IS THE TIME TO SUBSCRIBE TO OSIRIS!** Special prices for HSS members:

- **Volume 4** only for $20 (hardcover), $12 (paperback). Volumes 1, 2, 3, and 4 for only $60 (hardcover), $40 (paperback)—or volumes 2, 3, and 4 for $45 (hardcover), $30 (paperback). For more information, contact the HSS Publications Office, 215 South 34th Street, Philadelphia, PA 19104-6310.

**USE THE COUPON ON THE BACK OF THIS FORM**


Susan M. Reverb. Ordered to Care: The Dicta of American Nursing, 1850-1945. (Cambridge History of Medicine.) xiv + 286 pp., illus., figs., app. index. Cambridge/London/New York: Cambridge University Press, 1987. $44.50 (cloth); $12.95 (paper).


Alois Rust. Die organismische Kosmologie von Alfred N. Whitehead: Zur Revision des Selbstverständnisses neuerzeitlicher Philosophie und
ISIS • NEWS OF FORTHCOMING BOOKS

The Editor is anxious to improve the speed and quality of the Book Review section of Isis. Editor, author, reader—all are best served by prompt and authoritative reviewing. To that end, it is of the greatest help to have advance intelligence of forthcoming books that should be reviewed. As authors, potential reviewers, readers, critics, “invisible college” members, conference participants, referees, gossips, and grapevine tenders, the members of the Society are more widely informed than the editorial team can ever hope to be about work in progress. Please fill in and return the attached slip to Book Reviews, Isis, Smith Hall/D6, University of Pennsylvania, 215 South 34th Street, Philadelphia, PA 19104.

<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Publication date and publisher (if known)</th>
<th>Suggested Reviewers</th>
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Note: The list above is an example and may not reflect the actual content of the document.


Suzanne Zeller. Inventing Canada: Early Victorian Science and the Idea of a Transcontinental Nation. vii + 356 pp., illus., index. Toronto/Buffalo, N.Y./London: University of Toronto Press, 1987. $35 (cloth); $15.95 (paper).


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