THE HISTORY OF SCIENCE AND ITS PUBLICS

By WILLIAM H. BROCK
University of Leicester


"NO MAN EVER READ a book of science from pure inclination," said Samuel Johnson. Nor, it seems, has the public in the 1980s much inclination to read about the history of science, despite the profession's belief in the subject's educational, cultural, and political significance. Hence the purpose of this conference. Who are the audience for our stories and messages? What do these publics want from us? How ought we to change our approaches to make audiences more receptive? Encouragingly the meeting attracted well over a hundred people—ironically, far more than normally attend the BSHS's professional meetings!

The conference began with Stephen Jay Gould's entertaining Darwinist and paleontological reflections on "the sciences of history and the history of science," in which he attacked the stereotype of "science" conveyed in much teaching of the physical sciences. Because history was left out we (or Americans in particular) suffered dire consequences: undergraduates who "feared" science or who disengaged from it, creationism, and so on. Initially uplifted by Gould's message that history of science was needed to improve science teaching and to help citizens understand the way we live now, the conference was soon plunged into the difficulties of changing anything. A symposium on history of science in

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On the rehabilitation of Nikolai Bukharin. See page 3.
NEWS OF THE SOCIETY

ELECTION RESULTS

The Society is pleased to announce the results of last fall's balloting for members of the HSS Council and Nominating Committee. More than eight hundred members in all parts of the world voted and elected the following candidates. For Council: Richard W. Burkhardt, Jr., Betty Jo Teeter Dobbs, Frederick Gregory, Sally Gregory Kohlstedt, and Robert S. Westman; for the Nominating Committee, from Council: Edward Grant, Erwin N. Hiebert, and Shirley A. Roe; for the Nominating Committee, at large: Robert E. Kohler and Edith Dudley Sylla.

1989 ANNUAL MEETING

HSS members and others may still submit proposals for papers and sessions for the 1989 Annual Meeting of the History of Science Society, to be held in Gainesville, Florida, 26-29 October 1989. Proposals should be sent to William Ashworth, Department of History, University of Missouri-Kansas City, Kansas City, MO 64110, no later than 10 February 1989. For further information see HSS Newsletter, October 1988, page 3.

VISITING HISTORIANS OF SCIENCE

During the spring 1989 semester, HSS Visiting Historians of Science will travel to twelve different campuses, delivering public lectures, leading seminars for students and faculty members, and meeting with curriculum planners to discuss the intellectual vitality and pedagogical usefulness of our discipline. Visitors and their host institutions during this period include the following. William B. Ashworth, Jr.: Ohio Northern University; University of Richmond. Betty Jo Teeter Dobbs: University of Arkansas, Fayetteville; Hendrix College. Mott Greene: Eastern Washington University; South Dakota School of Mines and Technology. Robert H. Kargon: New School for Social Research; Skidmore College. Sally Gregory Kohlstedt: Eastern Washington University; St. Joseph College; Washington State University. Ronald L. Numbers: Lake Michigan College.

1988 HSS PRIZES


NEWSLETTER POLICY

Since the publication of its first issue in February 1972, the History of Science Society Newsletter has served the Society's members effectively in many ways. Where else can historians of science turn for full and up-to-date information about news of their field, calls for papers, and announcements of meetings, grants, fellowships, and job openings? Rising publications costs, however, have forced the Society to reexamine its tradition of publishing most announcements as submitted, or with only minimal condensation. From April 1989, then, the HSS Newsletter will operate under the following policy:

1. The HSS Newsletter will continue to publish announcements of all open positions, grants and fellowships, meetings and lectures, calls for papers, etc., of interest to historians of science and to historians of technology and of medicine. All will be subject to condensation in inverse proportion to their relationship with the central concerns of historians of science.

2. Any department or program announcing a job opening, organization announcing a meeting, agency announcing a fellowship, etc., may request (for legal or other reasons) that its announcement include one or more precisely worded sentences. These will be included for a fee of $25 provided the entire announcement is shorter than one column inch.

3. Announcements requiring precise wording throughout, or those extending past one column inch that require precisely worded sentences, will be published for a fee of $25 per column inch or fraction thereof.

4. The Newsletter will continue to publish a full list of books received for review by Isis.

5. Other announcements of publications—new books, new journals, special issues of journals, etc.—will be published only: (a) if their publishers pay a fee of $25 per column inch or fraction thereof; or (b) if their publishers agree to insert a similarly sized announcement about the History of Science Society and its publications in their publications.

6. The Newsletter will publish display ads if camera-ready copy arrives both at the Office of the HSS Executive Secretary and the HSS Office of Publications on or before the first of the month before the Newsletter issue will appear. For further information about such display ads contact Frances Kohler, HSS Director of Publications.
Rehabilitation of Nikolai Bukharin

The recent rehabilitation in the Soviet Union of the early Bolshevik political leader Nikolai Bukharin (1888–1938) [see Science, 11 Nov. 1988, p. 862] is a noteworthy event for the history of science. Bukharin, a man of remarkable erudition as well as a political revolutionary, was important in the establishment of the discipline of the history of science in the Soviet Union, and he often wrote and lectured on the subject. After Stalin expelled him from his leading political posts in 1929, Bukharin devoted much time to the administration of industrial research and to the establishment of a center for the study of the history of science. In 1932 he became the director of the Institute of the History of Science and Technology of the Soviet Academy of Sciences [which grew out of Academician V. I. Vernadsky's earlier Commission on the History of Knowledge]. This institute was perhaps the first formal research organization for the history of science ever created anywhere. An appreciation of this institute and the role played in its origins by Bukharin was not possible so long as Bukharin was in disgrace. He was executed by Stalin in 1938, and his name disappeared from Soviet history texts for a period of almost fifty years.

Bukharin was the head of the delegation of Soviet historians of science who attended the Second Congress of the History of Science in London in 1931. That congress is remembered by most historians of science today for the startling paper by Boris Hessen, another Soviet participant, entitled "The Social and Economic Roots of Newton's Principia." Bukharin also delivered a paper at the congress, entitled "Theory and Practice from the Standpoint of Dialectical Materialism." I. Bernard Cohen recently remarked that "Bukharin's piece remains impressive today to a degree that Hessen's is not." In this paper Bukharin developed a sociological interpretation of the development of ideas that went beyond Hessen's economic determinism.

During recent trips to Moscow I have witnessed a boom of interest in Bukharin. Much of this interest has little to do with the history of science but instead centers on the question of whether Bukharin's economic and political policies represented a humanitarian alternative to Stalin's. Soviet historians and philosophers of science, however, have their own reasons for delving into Bukharin's long-forbidden writings. On a visit to the Institute of the History of Science and Technology in Moscow in October I noticed that even the receptionist outside the director's office was avidly reading Bukharin's works. The October 1988 issue of the Soviet journal Problems of Philosophy reprints an article by Bukharin on science and includes another about him. Much remains to be learned about this man and his interests, both here and in the USSR.

LOREN GRAHAM
Massachusetts Institute of Technology

HS and Its Publics—Continued from page 1
radio and television, in which Geoff Watts (BBC), Bob Young (Free Association Books), and Jim Moore (Open University) participated, suggested that producers had their own professional criteria concerning the usefulness of history of science. Watts argued that history of science stood a better chance when it formed part of a scientific presentation, a view echoed later in the session on newspapers and magazines. For Young, the real problem was in introducing the notion of "critique" into the public understanding of science, and he felt from experience that television was the hardest medium in which to achieve this. Moore also gave examples of compromise from his own experience of filming and reminded us that the presentations of science on radio, television, and film were also suitable subjects for historical study, as Michael Shortland had vividly demonstrated.

In the session on newspaper and magazine readerships, Tony Delamothe (British Medical Journal) drew attention to the large numbers of doctors who were always interested in medical history and whose own rather uncritical approach could be "improved" by our intervention. Oliver Morton (Economist) and Jeremy Cherfas (New Scientist) argued that the majority audience for history of science must be historians of science themselves, and not any more widely defined public. Historians ought to illustrate the past for scientists in order to illuminate what is happening now. Contemporary "contest and conquest" science went down best, and science journalists were exploiting this genre successfully (and winning literary prizes) because historians of science ignored the twentieth century. Our failure (cowardice?) to enter this field had the bad effect that scientists had their own rhetoric of "truth" or "falsification" apparently confirmed by journalists ignorant of history of science. Most scientists feared personalization, the panel thought, and it would be a good thing if history of science showed up more of their human fallibility. Gordon Marsden, editor of the highly successful History Today (30,000 readers), also believed that history of science was best marketed through current awareness, and he cited the recent abortion debate as his excuse for publishing an essay on Aristotelian views of conception and the soul. The panel's message seemed to be that like journalists, historians of science must look for pegs upon which to hang their stories, though there was some resistance to constructing separate histories of science for scientists and historians.

More advice on "angles" came from David Dickson (Science) in a session on the general academic press. The function of history of science in journals like Nature was to provide critical science journalism that satisfied the criteria of significance, relevance, controversy, and objectivity. Jon Turney (Times Higher Education Supplement) lamented the fact that today's scientists are less well informed culturally than the prewar Huxleys and Haldanes; they were unresponsive to Kuhn, let alone to Latour. Despite an informative talk by Desmond King-Hele on how the Royal Society supports history of science financially and institutionally, this session left the impression that the general science journals were interested only in contemporary science and that journalists had the market cornered.

At this point Colin Russell's presidential address on nineteenth-century history of chemistry offered a welcome break. He revealed a lost world in which the chemistry curriculum included historical material alongside the occurrence, preparation, and properties of substances that students had to absorb, when history of chemistry was felt to have cultural, pedagogic, didactic, and patriotic uses! There followed sessions devoted to museums and school teaching that covered much of the ground surveyed at two 1987 meetings of the BSHS. Museums, we learned [as at the BSHS meeting], are currently deeply concerned with communication with their

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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 or soon after the next Newsletter will appear. Those 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.

For the Society's new policy on the publication of announcements of open positions, please see Newsletter Policy under "News of the Society."

FELLOWSHIPS & GRANTS

The Brown University Fellowship in the History of Medicine, a two-year, non-renewable position to be held jointly in the Department of History and in the Division of Biology and Medicine, will begin July 1989. The fellow should have a commitment to undergraduate education and a high level of scholarship and will participate in activities of Brown's Program in Liberal Medicine Education, teaching a half-time load of one course per term: e.g., a one-semester survey of the history of medicine, supplemented by topical seminars. The remaining time will be devoted to research. Candidates must have a Ph.D. in the history of medicine or a closely related field by June 1989. Send letter of application and curriculum vitae to Joan L. Richards, Box N, Department of History, Brown University, Providence, RI 02912 by 28 February 1989.

Logan Clendening Traveling Fellowships of $1,500 are available for registered medical students to travel anywhere in the world for three months during 1989 to study any aspect of medical history. For further information contact Robert P. Hudson, Department of the History of Medicine, University of Kansas Medical Center, Kansas City, KS 66103.

Scholars with a Ph.D. degree or equivalent in the history, philosophy, or sociology of science or technology, as well as in the physical and life sciences, are invited to apply for 1989-1990 Post-Doctoral Fellowships at the Sidney M. Edelstein Center. Applications should include curriculum vitae, list of publications, letters of recommendation, abstract and sample chapters from the doctoral dissertation, and an outline of the planned project. Major relevant collections include the Edelstein Collection (chemistry, alchemy, and dyeing), the Albert Einstein Archives, the Theological Collection of Isaac Newton, the Friedenwald Collection in the history of medicine, and the Archive of the History of Quantum Physics. Write the Sidney M. Edelstein Center for the History and Philosophy of Science, Technology and Medicine at the Hebrew University, Levy Building, Hebrew University of Jerusalem, Givat Ram, 91904, Jerusalem, Israel, before 15 February 1989.

California Institute of Technology seeks a historian of science, specializing in the physical or life sciences since 1700, for an anticipated tenure-track assistant professorship. Ph.D. expected by time of appointment, which can begin fall 1989; preference for candidates with major research interests in Europe. Send curriculum vitae, letters of recommendation, and description of dissertation and research plans to D. J. Reves, 228-77, California Institute of Technology, Pasadena, CA 91125. Search open-ended.

Case Western Reserve University seeks a historian of European technology to fill a tenure-track assistant or associate professorship, to begin 1 July 1989. The successful candidate will supervise graduate students working in the history of European technology, teach undergraduate courses in the Program in the History of Technology and Science (established 1961), and offer additional courses in European history. Candidates with formal training in both the history of technology and European history are especially sought. Send a letter of application to Carroll Pursell, Department of History, Case Western Reserve University, Cleveland, OH 44106; (216) 368-2380.

The Clarkson University Center for Liberal Studies seeks a historian of science or technology or both for a one-year non-renewable sabbatical leave replacement. Appointment will be made at the assistant professor (with Ph.D.) or instructor level (with A.B.D.). Teaching load: three courses per semester—two in the interdisciplinary freshman course, Great Ideas in Western Culture, and one in the candidate's specialty area. Send curriculum vitae and letter of application to History Search Committee, Center for Liberal Studies, Clarkson University, Potsdam, NY 13676 by 10 February 1989.

Cornell University, Program on Science, Technology, and Society, is recruiting two faculty members with primary research interests in the social implications of science and technology. Appointments will be made at the assistant professor (tenure-track) or associate professor (tenured) level, but applications from excep-

The National Women's Studies Association offers three graduate scholarships, of $1,500 and $500, for students whose research projects involve women of color, women and class, Third World women, or lesbian studies. For further information contact the Association, University of Maryland, College Park, MD 20742-1325; (301) 454-3757.

The Rockefeller Archive Center Scholar in Residence Program supports research in the general field of the history of philanthropy. Inquiries about the program should be addressed to the center's director, Darwin H. Stapleton, Rockefeller Archive Center, Pocantico Hills, North Tarrytown, NY 10591-1598; (914) 631-4505. Applications for the 1989-1990 Scholar in Residence position should be received by 1 April 1989.

JANUARY DEADLINES

The Council for International Exchange of Scholars (CIES) announces that a number of 1989-1990 Fulbright Grants remain available to U.S. faculty in the field of American history. Interested scholars are urged to inquire as soon as possible. For information contact CIES, Eleven Dupont
ternationally well qualified senior scholars may also be considered. Candidates should have active interdisciplinary research agendas and solid records of publication in areas of current STS interest, such as social and political studies of science and technology, the politics of risk management, medicine and society, or science and technology policy. Applicants must hold a Ph.D. in the social sciences (e.g., anthropology, political science, sociology, STS) or in another relevant field and must be prepared (a) to teach STS courses at the graduate and undergraduate levels, (b) to participate in developing a graduate training program, and (c) to engage in collaborative, cross-disciplinary research. Send letter of application, curriculum vitae, and list of references by 31 January 1989 to Sheila Jasanoff, Program on Science, Technology, and Society, Cornell University, 632 Clark Hall, Ithaca, NY 14853.

The Edison National Historic Site has reopened its search for a Supervisory Museum Curator, announced in the July 1988 issue of the Newsletter (page 20). For further information contact the Superintendent, Edison National Historic Site, Main Street and Lakeside Avenue, West Orange, NJ 07052; (201) 736-0550, by 8 February 1989.

The Historic American Engineering Record (HAER) needs GS-7 to GS-11 ($19,493 to $28,852) historians to staff two new field offices, in Johnstown and Pittsburgh, Pennsylvania. It seeks "the most talented historians in the United States," who will undertake a series of HAER survey and documentation projects related to iron and steel, railroad, and other historic industrial resources, and encourages applications from those with history of technology backgrounds. For further information contact Gray Fitzsimons, Historic American Engineering Record, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; (202) 343-9608.

The Historic American Building Survey and the Historic American Engineering Record of the U.S. National Park Service have summer jobs for graduate students and other professionals in history of technology, American history, maritime history, and related fields. Application deadline is 13 March 1989. For further information contact Summer Program Administrator, HABS/HAER Division, 429 National Park Service, Washington, DC 20013-7127; (202) 343-9625.

Virginia Polytechnic Institute and State University seeks an instructor or assistant professor of humanities, specializing in history or philosophy of science or technology. One or two-year appointment, contingent on funding; Ph.D. by 1 August 1989 and competence in science and values preferred. Send complete dossier, including three letters of recommendation and a writing sample, by 30 January 1989 to Joseph C. Pitt, Department of Philosophy, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061-0126; (703) 961-4564.

EARLY JANUARY DEADLINES

American University anticipates filling a tenure-track position for assistant professor in United States history, effective fall 1989. Specialization: American cultural history and the history of science. Qualifications: teaching experience and broad teaching interests; demonstrable scholarly promise; Ph.D. awarded by September 1989. Responsibilities: undergraduate and graduate teaching, including early and recent U.S. history at the survey level; scholarly research; student advising; university service. Position subject to final budgetary approval. Competitive salary depending on qualifications and experience. Contact U.S. Search Committee, Department of History, American University, 4400 Massachusetts Ave., NW, Washington, DC 20016, by 9 January 1989.

Bowdoin College seeks a Director of its Women's Studies Program for teaching, research, and program administration and development; it especially hopes qualified HSS members will apply. The appointment is tenure-track in both program and academic department, with rank dependent on teaching experience and scholarly achievement; departmental specialization open. Three years of university or college teaching, administrative experience, participation in women's studies programs, and scholarly publications in women's studies preferred. Send letter of application, curriculum vitae, and names of references by 15 January 1989 to Helen Cafferty, Women's Studies Committee, Bowdoin College, Brunswick, ME 04011.
Positions—continued

The University of California at Los Angeles is filling a tenure-track position for an assistant professor in history of science (or a tenured appointment, subject to administrative approval), to begin fall 1989. Specialization: physical science, 1600–1800. Contact Norton Wise, Department of History, University of California, Los Angeles, CA 90024, by 1 January 1989.

The U.S. Department of Energy [DOE] is recruiting a chief historian for its History Division in Washington, DC, and seeks an established scholar with excellent managerial skills. Specialization in twentieth-century American history or history of science is helpful, but recognized scholars in other areas are urged to make inquiries. In describing this vacancy, the office stressed that candidates should have “an eagerness to direct ground-breaking historical research and writing on topics of central concern in the modern world and a willingness to pursue this research and writing in a nonacademic setting.” The position will be at a GS-15 level, with a salary range of $57,158 to $74,303. For further information call Jack M. Holl, current chief historian, at (301) 353-5431, as soon as possible.

Philadelphia College of Textiles and Science, Department of Humanities and Social Sciences, invites applications for a tenure-track assistant professorship in history of technology and science, to begin fall 1989. Area of specialization: modern technology and its social implications. Teaching duties will include the Western Civilization survey course. Ph.D. mandatory by September 1989; preference will be given to those with teaching experience. Send letter of application with a résumé and three letters of reference by 15 January 1989 to Vice President for Academic Affairs, Philadelphia College of Textiles and Science, School House Lane and Henry Avenue, Philadelphia, PA 19144.

The University of Puget Sound seeks a full-time, one-year assistant professor in nineteenth-century American history; to begin August 1989. Duties: teach sections of American history survey sequence, upper-division course on the Industrial Revolution in America, and other courses in accordance with interests and departmental needs; three courses per semester. Ph.D. (A.B.D. considered) in American history and genuine interest in undergraduate teaching required. Submit letter and complete dossier by 13 January 1989 to American History Search, University of Puget Sound, P.O. Box 7297, Tacoma, WA 98407.

Contingent Deadline

Rensselaer Polytechnic Institute has an opening for a tenure-track position in science and technology studies (specialization: American history), to begin fall 1989. Graduate and undergraduate teaching; rank and salary commensurate with qualifications; Ph.D. required. Contact Chair, Department of Science and Technology Studies, RPI, Troy, NY 12180-3590. Consideration of applications received after 1 December is not guaranteed.

For the Record

The University of Alabama at Birmingham is filling a tenure-track entry-level position for an assistant professor in American history, to begin 1 September 1989. Ph.D. required; specialization in American technology. Contact James L. Penick, Jr., Department of History, University of Alabama at Birmingham, University Station, Birmingham, AL 35204. Deadline was 15 December 1988.

Davidson College seeks to fill the newly defined position of John Thatcher Professor of Medical Humanities, at either the associate or full professor level. Contact Dean of the Faculty and Vice President for Academic Affairs, Davidson College, P.O. Box 1719, Davidson, NC 28036. Deadline was 1 December 1988.

Futurepast: The History Company seeks an associate (part-time) or senior (full-time) historian. Requirements: Ph.D. in history or American studies; strong research and writing skills; ability to write for nonacademic audiences; proficiency with word processor. History of medicine or health care preferred but other areas considered. Contact John C. Shideler, Futurepast: The History Company, P.O. Box 1905, Spokane, WA 99210-1905. Deadline was 1 December 1988.

Hamilton College may fill a one-year replacement position in modern European intellectual history for a visiting assistant professor [Ph.D.] or instructor [A.B.D.], to begin late August 1989. Expertise: modern German history or the history of science; participate in European survey course. Contact Alfred Kelly, Department of History, Hamilton College, Clinton, NY 13323. Deadline was 15 November 1988.

The University of Iowa will appoint an assistant professor of history of medicine or an allied health science (research focus: any period, but settings outside USA). Six-year appointment to begin fall 1989; Ph.D. required. Primary duties: undergraduate and graduate instruction in Department of History, also lecture in and develop medical-historical activities in the College of Medicine. Contact Paul Greenough, Department of History, University of Iowa, Iowa City, IA, 52242. Deadline was 15 November 1988.

The Metropolitan District Commission, an agency of the Commonwealth of Massachusetts, was seeking a project archivist to implement a one-year archival program for documents significant to civic, architectural, and engineering history. Contact Albert Swanson, Project Director, MDC, 20 Somerset Street, Boston, MA 02108; (617) 727-5218.

The National Air and Space Museum, Smithsonian Institution, seeks candidates for the four-year rotating chair of its Aeronautics Department, to guide research staff, manage department operations, and represent departmental interests. Requirements: authoritative scholarly publications in the history of aviation, military history, or sociology or political science relevant to aviation. Contact Barbara Moelter, Office of Personnel Administration, Smithsonian Institution, 900 Jefferson Drive, SW, Washington, DC 20560. Deadline was 15 December 1988.

Northeast Missouri State is filling a tenure-track position for an assistant professor in history to begin 29 August 1989. Undergraduate and graduate teaching; survey courses plus economic, Afro-American, or science and technology history. Ph.D., teaching excellence, demonstrated scholarship and publications desirable. Contact Head, Division of Social Science, Northeast Missouri State University, Kirksville, MO 63501. Deadline was in December.

Union College will fill a one-year replacement position in modern European intellectual history, for September 1989. Ability to teach courses in German history and history of science or history of medicine desirable; also a survey of European history from Enlightenment to present. Contact Chair, Department of History, Union College, Schenectady, NY 12308. Deadline was 15 December 1988.
CALLS FOR PAPERS

Cheiron: The International Society for the History of Behavioral and Social Sciences will hold its twenty-first annual meeting at Queen's University, Kingston, Ontario, Canada, 15-18 June 1989. Papers may discuss any aspect of the history of the behavioral and social sciences or related historiographical and methodological issues, should be seven double-spaced pages of text maximum (plus references, tables, etc.), and will be blind reviewed; please identify author and institution only on a detachable cover sheet. Five copies of each submission should be sent by 15 January 1989 (from North America) to Benjamin Harris, Department of Psychology, University of Wisconsin, Parkside, Kenosha, WI 53141, tel. (414) 699-8885; or to Ian Lubeck, 2 rue Jules Breton, 75013 Paris, France, tel. 33-1-4337-47-80, with one copy to Prof. Harris. Submissions of symposia, workshops, and brief reports of works in progress and suggestions for other special events are also welcomed. Travel awards will be available to help defray expenses of students presenting papers. For further information contact Professors Harris or Lubeck, the conference host [David J. Murray, Department of Psychology, Queen's University, Kingston, Ontario, Canada K7L 3N6], or the Cheiron executive officer (Rand B. Evans, 9906 Southall Road, Randallstown, MD 21133; [301] 521-0750).

The Columbia History of Science Group will hold its annual meeting 28-30 April 1989. The meeting will occur, as always, at the Marine Research Laboratories of the University of Washington in Friday Harbor on San Juan Island, Washington. Queries about and proposals for the program should be addressed to Bryan Dorner, Department of Mathematics, Pacific Lutheran University, Tacoma, WA 98447. Inquiries about accommodations should be directed to Iris Sandler, Department of Medical History and Ethics SB-20, University of Washington, Seattle, WA 98195; [206] 543-5447.

The Eighteenth Annual Meeting of the Joint Atlantic Seminar in the History of the Physical Sciences will be held 7-8 April 1989 at Johns Hopkins University. Those wishing to present papers should send a title and a short abstract by 20 February 1989 to Robert Kargon, Department of the History of Science, Johns Hopkins University, Baltimore, MD 21218. Preference will be given to recent Ph.D.s and advanced graduate students, but submissions are also encouraged from more senior scholars and nonprofessional students of the history of the physical sciences. For information about other aspects of the program contact Steering Committee, JASHPS, at the same address; [301] 338-7501.

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SUMMER SEMINARS & INSTITUTES

Since its inception sixteen years ago, the National Endowment for the Humanities Summer Seminars for College Teachers program has provided opportunities for more than 13,500 college faculty members and unaffiliated scholars to study in a collegial atmosphere under the direction of distinguished scholars in their own or related disciplines. NEH seminars are held at major research centers where participants can pursue their own research and writing projects. The Endowment now encourages applications to direct 1990 Summer Seminars from scholars with distinguished teaching and publishing records. Proposed topics should focus on enduring issues or current scholarship in the humanities. Scholars wishing to discuss their seminar ideas with staff should submit a draft well in advance of the application deadline. Applications must be filed by 1 March 1989. For further information contact Summer Seminars for College Teachers, Room 316, Division of Fellowships and Seminars, National Endowment for the Humanities, 1100 Pennsylvania Avenue, Washington, DC 20506.

During the summer of 1989, Syracuse University's Division of International Programs Abroad will offer a four-week summer study program at Tianjin Normal University in China. Students will take a course on the history and culture of China's past and present and will also enroll in a course either on history of science or literature and society. All classes will be taught in English, and translators will be provided when guest lecturers do not speak English. For further information contact Syracuse University, Division of International Programs Abroad, 119 Euclid Avenue, Syracuse, NY 13244-4170; [315] 423-3471.

The Department of Philosophy, Virginia Polytechnic Institute and State University, is sponsoring an NEH-supported 1989 Summer Institute, Philosophy of Biology in Historical and Cultural Contexts (3 July-1 August 1989), that will probe current issues in the field of the philosophy of biology (e.g., the relation between biology and philosophy, various issues connected with Darwin and Darwinism, and such topics as systematics and animal behavior). Although of principal interest to teachers and scholars of philosophy (philosophy of science in particular but not exclusively), others in history, social science, or education are also welcome to apply. For further information contact Marjorie G. Grene and Richard M. Burian, Department of Philosophy, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061.

STUDY OPPORTUNITIES

CALLS FOR PAPERS—continued

The U.S. Naval Academy Department of History will sponsor its ninth Naval History Symposium in Annapolis, Maryland, on 18-20 October 1989. Past symposia have brought together historians concerned with the entire range of naval history, individuals who wish to propose papers or entire panels should submit an abstract to William R. Roberts, Department of History, U.S. Naval Academy, Annapolis, MD 21402-5044. The deadline is 1 February 1989.

Science Tech Publishers is seeking biographical manuscripts in the History of Science and Medicine to be part of its Scientific Revolutionaries Series. This series at present includes works on Alfred Wegener, Louis Pasteur, Niels Bohr, and Robert Koch. Potential authors should contact Thomas Brock, Science Tech Publishers, 701 Ridge Street, Madison, WI 53705; (608) 238-8664.

The Society for the History of Technology will hold its 1989 annual meeting in Sacramento, California, 12-15 October 1989. The program committee seeks proposals for sessions and papers in all areas of the history of technology, although those that accent gender, the Third World, the West as a region, or comparative studies; adopt cross-disciplinary perspectives on technology; or address pre-twentieth-century topics will be especially welcome. The program committee also invites proposals for presentations in alternative formats, which might include carefully prepared posters, displays of photographs or other visual materials, and brief audiovisual or computer demonstrations. The deadline is 1 April 1989. Proposers of papers must provide a 150-word abstract and a one-page curriculum vitae. Proposers of sessions must provide the theme of the session, an abstract of each paper, and a curriculum vitae for each participant, including chair and commentator. Send four copies of each proposal to Thomas J. Misa, Department of Humanities, Illinois Institute of Technology, Chicago, IL 60616; [312] 567-3465; Birmet: HUMMISA@IITVAX. Those who have presented papers at the previous year’s SHOT meeting are ineligible to present papers, though they may organize or chair sessions. Scholars outside North America who need to arrange travel funding may submit proposals before the 1 April deadline for early decision.

MEETINGS & LECTURES

Sigma Xi Meeting

The 1988 annual meeting of Sigma Xi, The Scientific Research Society, convened in October in Orlando, Florida, as an international symposium on "The Public Understanding of Science and Technology." The American Association for the Advancement of Science was cosponsor. Following a series of opening addresses generally lamenting the widespread negative attitudes of much of the public toward science, the approximately 350 delegates gathered in six "breakout groups" for discussion of problems and development of recommendations. Of major concern was the arrogance and elitism of the scientist perceived by many in today's society. How has this perception come about, and what can be done about it?

Members of the History of Science Society should be aware that the Orlando symposium is but one of several recent initiatives devoted to improving the public image of science in contemporary society. In the lead article of the July 1987 issue of the HSS Newsletter, Kathryn M. Olesko described the NSF-funded conference on science literacy held at Georgetown University in April of that year. AAAS has initiated the three-phase Project 2061, named for the year Halley's comet returns, as a means of determining, first, what the public should know about science and, second, what means should be employed to correct present misunderstanding.

Ventures like these often welcome the participation of historians of science, as the goals involve communicating a balanced portrait of science, including the human dimension of the scientific enterprise as it is conducted in varying social contexts, the hard work of research with its blind alleys and failures, and the senses of wonder and excitement that so frequently motivate scientists. Clearly the historian of science can collaborate effectively with members of the scientific community in these attempts to assist the public in its understanding of science.

For further information about all aspects of Sigma Xi's Orlando symposium contact Evan R. Ferguson, Director of Programs, Sigma Xi, The Scientific Research Society, 345 Whitney Avenue, New Haven, CT 06511; (800) 243-6534.

FREDERICK GREGORY
University of Florida

The National Institutes of Health and the Department of the History of Health Sciences, University of California, San Francisco, are cosponsoring a two-day conference, AIDS and the Historian, on the NIH campus at Bethesda, Maryland, 20-21 March 1989. The conference is organized into four workshops designed to examine epidemics before AIDS, the clinical and biomedical research responses to AIDS, the reaction of government and society to the epidemic, and efforts aimed at preserving and documenting AIDS developments. Given the workshop format and small discussion groups organized for each theme, participation will be limited. For more information contact one of the organizers: Victoria A. Harden, NIH Historian, Building 60, Room 152, Bethesda, MD 20892; (301) 496-6610; or Guenter B. Risse, Chair, Department of the History of Health Sciences, University of California, San Francisco, Box 0726, San Francisco, CA 94143, (415) 476-2766.

The sixty-ninth annual meeting of the American Meteorological Society will feature a major session, "The History of Atmospheric Science," sponsored by the Society's Committee on the History of Atmospheric Science, to be held on 2 February 1989 at the Disneyland Hotel, Anaheim, California. Speakers will include J. T. Kiehl, John Imbrie, James R. Fleming, C. C. Bates, and Joanne Simpson.

The annual luncheon of the American Urban History Association will be held on 8 April 1989, at noon, in the Adam's Mark Hotel in St. Louis, Missouri, in conjunction with the meeting of the Organization of American Historians. For additional information contact Mark H. Rose, Program in Science, Technology, and Society, Michigan Technological University, Houghton, MI 49931, (906) 487-2115.

The sixteenth consecutive Bacon Birthday Celebration, sponsored by the Francis Bacon Library of Claremont, California, in cooperation with the Claremont Graduate School, will be held at the library on 25 January 1989, the 428th anniversary of Bacon's birth. Brian Vickers, of the Centre for Renaissance Studies, Swiss Federal Institute of Technology, Zurich, will give lecture, "Progress in Bacon Studies?" For further information contact the Bacon Library, 655 Dartmouth Avenue, Claremont, CA 91711; (714) 624-6305.
The Bar-Hillel Colloquium for the History, Philosophy, and Sociology of Science will meet monthly in Jerusalem and Tel Aviv through June 1989. For further information contact Edna Ullmann-Margalit and Shulamit Laron, P.O.B. 4070, Jerusalem.

The third Congreso Centroamericano y del Caribe de Historia de la Ciencia y la Tecnología will be held at the University of Costa Rica, in San José, 22–27 May 1989, under the auspices of the Asociación Costarricense de Historia y Filosofía de la Ciencia (ACOHIFICI). For further information and copies of the Congress's first circular contact Angel Ruiz, ACOHIFICI, Universidad de Costa Rica, CP 2060, San José, Costa Rica; telephone 255555, ext. 742.

A conference, Impact of Logical Positivism on Economics, will be held on 4 March 1989 at the University of Wisconsin-Madison. Invited speakers include Bradley Bateman, Neil de Marchi, and Donald McCluskey. For further information contact Daniel Hausman, Department of Philosophy, University of Wisconsin-Madison, Madison, WI 53706; P.O.B. 4070, Jerusalem.

The Institut Henri Poincaré will sponsor an international colloquium called 1830–1930—Un siècle de géométrie, de C. F. Gauss et B. Riemann à H. Poincaré et E. Cartan: Epistémologie et histoire, to be held in Paris, 19–23 September 1989. For further information contact Luciano Boi, Centre d'Analyse et de Mathématique Sociales, Ecole des Hautes Etudes en Sciences Sociales, 54 Boulevard Raspail, 75270 Paris, Cedex 06, France; tel. (1) 45.44.03.49 or (1) 43.35.11.95 or (1) 45.46.35.91.

The eleventh annual J. Lloyd Eaton Conference on Science Fiction and Fantasy, on the theme “Styles of Creation: Aesthetic Technique and the Creation of Fictional Worlds,” will be held on 14–16 April 1989 at the University of California, Riverside. For further information contact George E. Slusser, P.O. Box 5900, University Library, University of California, Riverside, CA 92517; (714) 787-3233 or 787-3398.

An international conference, The Joule Centenary (1889–1989): One Hundred Years of Energy, will be held at Salford University and the Greater Manchester Museum of Science and Industry, 17–20 July 1989, under the aegis of the Institute of Physics (U.K.). Related events will include exhibitions, field trips, and symposia on energy, the teaching of science, and energy conservation today. For further information contact R. Williamson, Department of Physics, University of Manchester, Manchester M13 9PL, England.

The thirty-second annual meeting of the Midwest Junto for the History of Science will be held at Iowa State University, Ames, Iowa, 27–29 April 1989. Those interested in giving papers should submit titles and brief abstracts to Alan L. Marcus, Center for Historical Studies of Technology and Science, Iowa State University, Ames, IA 50011. The deadline for submission is 15 March 1989.

The twelfth annual Spring Systematics Symposium of the Field Museum of Natural History will be held on 13 May 1989 and will be devoted to “History and Evolution.” Speakers will include Garland E. Allen, Robert Boyd, Michael J. Donoghue, Marc Ereshefsky, John Flynn, Douglas J. Futuyma, Stephen Jay Gould, David L. Hull, David B. Kitts, Rachel Laudan, William B. Provine, Robert J. Richards, Michael Ruse, and Lawrence B. Slobodkin. For further information contact

Continued on next page

RESEARCH

The Library of Congress recently had its telephone exchange changed from 287 to 707. All other digits of LC telephone numbers remain unchanged (as does its area code, 202), so that (for example) the Library's general information number is now (202) 707-5000. All calls to old LC telephone numbers will be referred (via recordings) to the general U.S. Government information number, rather than to the proper LC office, so researchers should plan on using new telephone numbers if at all possible.

The National Archives and Records Administration seeks comments from concerned scholars on plans for the future distribution of the records it holds between the National Archives Building (in downtown Washington, DC) and Archives II, a new facility to be built (starting in 1990) in College Park, Maryland. Archives II, with about 1.7 million square feet for records storage and program support, is scheduled to open in 1994. For further information contact either NARA, Washington, DC 20408, (202) 523-3076; or the National Coordinating Committee for the Promotion of History, 400 A Street, SE, Washington, DC 20003, (202) 544-2422.

The National Science Foundation has recently issued a brochure entitled Long-Range Plan, FY 1989–1993, in which HSS members would be interested. The plan assumes a doubling of the NSF budget over the next five years—an assumption shared by many in today's Washington—and includes a major section entitled "Education and Human Resources." This section stresses, among other things, that "NSF will significantly expand its efforts to develop education and human resources in the next five years" and continues: "The rate of growth in support of education and human resources will be maintained at a level of at least 50% higher than that in other strategic areas." Particular concerns include "increasing participation by members of underrepresented groups," strengthening elementary and secondary education, and supporting "informal science education" through museums, television programs, zoos, aquariums, and the like. In undergraduate education, a new effort seems to be directed toward "helping assure the science and technology literacy of all students." Copies of this brochure are available from the NSF Office of Publications, Room 233, National Science Foundation, Washington, DC 20550; (202) 357-7861.

A joint USA-USSR project, Dobzhansky and the Evolutionary Synthesis—cosponsored by the American Council of Learned Societies and the Soviet Academy of Sciences Commission on Humanities and Social Sciences, Subcommission on History, Philosophy, and Social Study of Science and Technology, with support from the International Research and Exchanges Board—has recently arranged for the duplication and exchange of Dobzhansky's manuscripts held by the American Philosophical Society and the Leningrad Public Library. Further cooperation is planned. For additional information contact the project's U.S. coordinator, Mark B. Adams, History and Sociology of Science, University of Pennsylvania, Philadelphia, PA 19104.
MEETINGS—continued

Symposium Coordinator, Department of Geology, Field Museum of Natural History, Roosevelt Road at Lake Shore Drive, Chicago, IL 60605-2496; (312) 922-9410, ext. 298.

Symmetry of Structure, an interdisciplinary symposium, will be held in Budapest, Hungary, 13-19 August 1989; that is, soon after the completion of the XVIIIth International Congress of the History of Science. For information contact Dénés Nagy and György Darvas, Institute for Research Organization of the Hungarian Academy of Sciences, P.O. Box 4, Budapest, H-1361 Hungary.

The World of William and Mary, an international conference celebrating the tercentenary of the English Revolution of 1688, will be held at the College of William and Mary, 8-10 February 1989. For further information contact Dale Hoak, Department of History, College of William and Mary, Williamsburg, VA 23185.

FOR THE RECORD

The conference Ernst Mach and the Development of Physics, sponsored by Charles University, the Czechoslovak Academy of Science, the Union of Czechoslovak Mathematicians and Physicists, and the Czechoslovak National Committee for History and Philosophy of Science, was held at the Charles University in Prague on 14-16 September 1988.

The Folger Institute Center for the History of British Political Thought sponsored a conference called "The Political Thought of Thomas Hobbes: A 400th-Anniversary Commemoration" on 2-3 December 1988. For further information contact Pierrette Ashcroft, Folger Institute, 201 East Capitol Street, SE, Washington, DC 20003; (202) 544-4600.

At least three international meetings were held in 1988 to mark the 700th anniversary of the birth of Levi ben Gerson (also known as Gersonides), a Provençal Jewish scholar noted for his contributions to astronomy and mathematics. These were "Gersonides et la science en son temps," Peyresq, France, 27-29 June, organized by Bernard R. Goldstein and sponsored by the Fondation Nicolas Claude Fabri de Peiresc; "Geronide en son temps: Science et philosophie médiévales," Paris, 24-26 October, organized by members of the Centre National de la Recherche Scientifique and the faculty of the University of Paris-Sorbonne; and " Séance publique à l’Institute de France à l’occasion de la clôture de l’année Gersonide," Paris, 15 December. For further information contact Bernard R. Goldstein, History and Philosophy of Science, University of Pittsburgh, Pittsburgh, PA 15260; (412) 624-5989.

Graduate Programs

The Department of the History of Health Sciences, University of California, San Francisco, offers a limited number of predoctoral fellowships and nonresident research fellowships for graduate students accepted into the department's M.A. or Ph.D. program. These awards are made on the basis of academic distinction and promise. Special consideration will be given applicants wishing to pursue a combined M.D.-Ph.D. degree. In addition, the department offers a limited number of postdoctoral research fellowships for variable periods of time ranging from four to ten weeks or possibly an entire academic year. Preference will be given to scholars wishing to use the archival and library resources in the Bay Area. For further information contact Chair, Department of the History of Health Sciences, University of California, San Francisco, Box 0726, San Francisco, CA 94143; (415) 476-2766. Deadline for the 1989-1990 predoctoral program is 1 February 1989.

Applications are now being accepted for graduate work in history of technology and science at Case Western Reserve University. Both the M.A. and Ph.D. are awarded, and a number of assistantships are available. The Program in the History of Technology and Science is an integral part of the CWRU Department of History and is supported by the department's other graduate programs in Museum Studies, Archival Management, and History of Social Policy. The program is particularly strong in the social history of American technology, the history of chemistry and the physical sciences, medical technology, and issues of technology and science policy. The core faculty includes Alan Rocke [history of science] and Carroll Pursell [history of technology]. Associated faculty include Jameson Edmonson [history of medical technology], Patsy Gerstner [history of medicine], Theodore Sande [industrial archaeology], and Samuel Coleman [anthropology, science and technology in Japan]. For application materials and further information contact Carroll Pursell, Department of History, Case Western Reserve University, Cleveland, OH 44106; (216) 368-2261.

The Science Studies Unit, University of Edinburgh, announces a new one-year M.Sc.-Diploma program in the Sociology of Scientific Knowledge, beginning October 1989. This course offers a systematic introduction to the extensive literature in the sociology of knowledge. The first term covers a "core syllabus," in the second and third terms, more specialized topics are discussed. The diploma is awarded after examinations in June; the M.Sc. after the submission of a dissertation in September. Prospective students should make contact as soon as possible. For further details contact the Secretary, Science Studies Unit, University of Edinburgh, 34 Buccleuch Place, Edinburgh EH8 9JT, Scotland; tel. 031-667-1011, ext. 6245; fax 031-667-9801.

The Hagley Program in the History of Industrial America, a joint program of the Hagley Museum and Library and the University of Delaware's Department of History, has fellowships available for graduate study beginning in the fall semester 1989. The program offers a two- or four-year course of study leading to the M.A. or Ph.D. degree for students interested in careers as professionals in museums and historical agencies or as college teachers. The academic focus of the program is on the history of American industrialization; students take a broad range of courses in business, economic, labor, social, and technological history and can concentrate their studies in any of these fields of history. The Hagley Museum and Library provides students with unique opportunities to do primary research; to gain archival experience in manuscripts, imprints, and pictorial collections; and to study, observe, and experience museum work firsthand. For students pursuing careers as museum professionals, the University of Delaware offers a complete program in museum studies. Hagley Fellowships include tuition and a yearly stipend of $7,785 for M.A. candidates and $8,625 for Ph.D. candidates. Applications can be obtained from the Associate Coordinator, Hagley Graduate Program, Department of History, University of Delaware, Newark, DE 19716; (302) 451-2371.
visitors, and like universities they are being reconstructed to ensure financial viability. This commercial point led to a family quarrel amongst the museum specialists present that, while diverting, also diverted the meeting from its theme. The schools session suggested that although history of science had missed the boat over the curriculum reform for the General Certificate of Secondary Education, there was much opportunity, as Elspeth Crawford, Peter Ellis, and Joan Solomon showed, for scattering the seeds of history of science within school lessons.

Two final sessions examined the audiences for popular books and within tertiary education. The first session with publishers was arranged by David Knight, who had the distinction of being a former Mills & Boon author! The principal problem identified was that, unlike Americans, the British public did not buy books, let alone "scientific" ones. The underlying factor (as Gould had already illustrated) was that Americans received a broader education. That the Open University had played a significant role in popularizing history of science and broadening adult education—16,000 students since 1973—was demonstrated by Colin Chant, while Alec Dolby revealed ways of introducing history of science to students at the University of Kent through reading novels and discussing pseudoscience.

The meeting continually harked back to the specialization demanded by the English and Welsh education system. This placed history of science in the cleft stick of seeing itself as an antidote, but one that cannot be administered because patients lacked the necessary cultural blood group. In retrospect the sessions were short on applicable advice, for in fact there are no easy options and strategies. The main conclusion, eloquently voiced by John Pickstone from the floor, was that since academics have always had to tailor their work to the requirements of a journal or a lecture, "our" problem with audiences is not different from that of science teachers, museum curators, or television producers. What are required are translation and marketing skills. Historians of science will have to come out of their closets, identify with their audiences, and participate in mass culture. History of science will never make the Top Twenty, but given professional common cause, it could still be made a public talking point.

BOOKS RECEIVED—continued


Renate Mayntz; Thomas P. Hughes [Editors]. The Development of Large Technical Systems. [Max-Planck-Institut für Gesellschaftsforschung, 2] 259 pp., figs. (Kölner Zentrum für Sozialforschung, 2) Frankfurt am Main: Campus Verlag, 1988. Dfl 80, $54.95.


John Nudds; Norman McClean; Denis Weaire; Susan McKenna Lawlor [Editors]. Science in Ireland, 1800-1930: Tradition and Reform. 208 pp., illus., figs., index. Dublin: Trinity College, 1988. [Distributed by the Physics Department, Trinity College, Dublin.] EIr 10 (Paper).


Donald Wesley Patten. Catastrophism and the Old Testament: The Earth-Marks Conflicts. 289 pp., illus., bibli., index. Seattle: Pacific Meridian, 1988. $19.95 (cloth); $14.95 (Paper).


The Books Received List will be continued in the April issue of the Newsletter.
HSS Prizes

The Society invites nominations and submissions for its 1989 prizes for books, articles, and graduate student essays. These awards will be presented at the annual meeting in Gainesville, Florida, in October 1989. Inquiries may be addressed to the chair of the individual prize committees (see below) or to the chair of the oversight Committee on Honors and Prizes, Albert E. Moyer, Department of History, Virginia Polytechnic Institute and State University, Blacksburg, VA 24060; (703) 961-5216.

The Pfizer Award, consisting of a medal and a cash prize of $2,500, was established in 1958 through the generosity of Pfizer Incorporated and is the highest honor awarded by the Society for a work of scholarship. Original books by American or Canadian authors dealing in a substantial way with the history of science are eligible; those by more than two authors and unrevised reprints or previously published works are excluded. Books published in the preceding three years—i.e., 1986, 1987, and 1988—are eligible for nomination this year. The Pfizer Award committee will review lists of recently published books and solicit nominations from major scholarly publishers. HSS members and others are also urged to submit nominations to the chair of the 1989 committee, Nicholas Steenek, Department of History, University of Michigan, Ann Arbor, MI 48104; (313) 763-2230. All nominations must be received by 15 May 1989.

The Watson Davis Prize, named in honor of the longtime director of Science Service, is awarded annually to the author of a book useful in undergraduate teaching or promoting public understanding of the history of science. The prize consists of a cash award of $500. To be eligible, books should be copyright in the preceding three years—i.e., 1986, 1987, and 1988—and should be distinguished by breadth, sufficiency of explanation, and comprehensibility. They should be introductory in assuming no previous knowledge of the subject and in being directed at audiences of beginning students and general readers. They should introduce an entire field, a chronological period, a national tradition, or the work of a noteworthy individual. Multi-authored or edited books are eligible, whereas unrevised reprints of previously published works are not. The Watson Davis Prize committee will review lists of recently published books and solicit nominations from major scholarly publishers. HSS members and others are also urged to submit nominations to the chair of the 1989 committee, Albert Van Helden, Department of History, Rice University, P.O. Box 1892, Houston, TX 77251; (713) 527-8101, ext. 2548. All nominations must be received by 15 May 1989.

Awards, Honors & Appointments

Otto Theodor Benfey has been named editor for all publications of the National Foundation for History of Chemistry, including the Beckman Center News.

Luc Chartrand of Montreal, Raymond Duchesne of Télé-Université of Quebec, and Yves Gingras of the Université du Québec à Montréal have received the 1988 Prix Michel-Brunet—awarded by the Institut d'Histoire de l'Amérique Française to the best research published in the preceding two years by scholars under thirty-five—for their book Histoire des sciences au Québec.

I. Bernard Cohen has been elected to the Accademia dei Lincei of Rome and to foreign membership of the British Academy; he has also been awarded an honorary Doctor of Philosophy degree in conjunction with the University of Bologna's celebration of its 900th anniversary.

Sidney M. Edelstein has been awarded the 1988 Leonardo da Vinci Medal of the Society for the History of Technology.


Stephen Jay Gould has been awarded the History of Geology Award of the Division of the History of Geology of the Geological Society of America.

Margaret Gowing was elected a Fellow of the Royal Society.

Takehiko Hashimoto of Johns Hopkins University has been awarded the John Clarke Slater Fellowship for 1988-1989 by the American Philosophical Society.

Gregory J. Higby has been named Director of the American Institute of the History of Pharmacy.

Karen E. Johnson has been appointed Dana Fellow in the History of Science and assistant professor of physics at St. Lawrence University, Canton, New York.

Ole Knudsen of the University of Aarhus has been named a Visiting Fellow at the Beinecke Rare Book and Manuscript Library of Yale University for a project on J. Willard Gibbs and the electromagnetic theory of light.

Marcel LaFollette will be a Visiting Scholar at the National Museum of American History, Smithsonian Institution, through 1989.

Seymour H. Mauskopf has been awarded the first Edelstein International Fellowship in the History of Chemical Science and Technology, by the Arnold and Mabel Beckman Center for the History of Chemistry, University of Pennsylvania, and the Sidney M. Edelstein Center for History and Philosophy of Science, Technology and Medicine, Hebrew University, Jerusalem.

Ernst Mayr has been elected a Foreign Member of the Royal Society.

Frederik Nebeker has been awarded the Andrew W. Mellon Fellowship in Bibliography for 1988-1989 at the American Philosophical Society Library.

James A. Smith of the New School of Social Research has been selected as the first Scholar in Residence at the Rockefeller Archive Center.

Tony Travis has been appointed Deputy Director of the Sidney M. Edelstein Center for History and Philosophy of Science, Technology and Medicine at the Hebrew University, Jerusalem.

Ryan D. Tweney has been awarded a U.S. Scholar Grant-in-Aid by the Fulbright-Hays program of the U.S.-U.K. Educational Commission, for a cognitive analysis of Faraday's scientific thought.
The History of Women in Science Prize, in the amount of $500, was first awarded at the Society's annual meeting at Raleigh, North Carolina, in October 1987. This year the prize will be awarded for a book; eligible books may take biographical, institutional, theoretical, or other approaches. Included in the topic "women in science" are discussions of women's activities in science, analyses of past scientific practices that deal explicitly with gender, and investigations regarding women as viewed by scientists. These may relate to medicine, technology, and the social sciences as well as the natural sciences. Books by more than two authors are excluded. Books published for the first time in the preceding four years—i.e., 1985, 1986, 1987, and 1988—are eligible for nomination for the 1989 prize. The History of Women in Science Prize committee will review lists of recently published books and solicit nominations from major scholarly publishers. HSS members and others are also urged to submit nominations to the chair of the 1989 committee, Frances Coulborn Kohler, History of Science Society Publications Office, 215 South 34th Street, Philadelphia, PA 19104; (215) 898-8575. All nominations must be received by 15 May 1989.

Since 1955, the History of Science Society has annually awarded the Henry and Ida Schuman Prize of $250 for the best original essay by a graduate student on "the history of science and its cultural influences," a phrase that the Schumans, distinguished academic publishers, believed should be interpreted very broadly. Papers thus may deal with the ideas and accomplishments of past scientists, with the evolution of particular scientific concepts or the development of science, and with the effects of science upon society in the realms of philosophy, religion, and social thought, art and literature, or economic development. Essays on medical topics are not eligible unless they deal with the relations between medicine and the natural sciences. Entries must not have been previously published and must be original, thoroughly documented, and submitted in English or accompanied by an English translation. They must not exceed 8,000 words in length (exclusive of footnotes), a restriction that the Schuman Prize committee will enforce strictly.

To compete for the 1989 Schuman Prize, graduate students must submit—to Albert E. Moyer, Department of History, Virginia Polytechnic Institute and State University, Blacksburg, VA 24060, (703) 961-5216, by 1 June 1989—documentation of student status and three copies of the essay. A detachable cover sheet should note the author's name and institution, it will be removed before the essay is circulated. Entries postmarked after 1 June 1989 will be returned unread. The winner of the prize will be reimbursed for travel to the Gainesville meeting for expenses up to a maximum of $250. It is hoped, not assured, that the winning essay will merit publication in Isis. Submitted essays cannot be returned to their authors, and the evaluations of individual essays will remain confidential. The Schuman Prize is not a scholarship. Please note that by vote of the History of Science Society in October 1983, eligibility for the prize is limited to graduate students. Previous winners of the prize are not eligible to compete again.

The HSS Executive Committee invites nominations for the 1989 Sarton Medalist and the 1990 Sarton Lecturer. Nominations may be sent to the HSS Executive Secretary and should arrive before 15 April 1989. The Sarton Medal is awarded annually to an outstanding historian of science, selected from the international scholarly community, and recognizes those whose entire careers have been devoted to the field and whose scholarship is exceptional. The George Sarton Memorial Lecture is delivered each year at the Annual Meeting of the American Association for the Advancement of Science, usually early in the year following selection of the Lecturer.

The Derek Price Award encourages the publication in Isis of original research of the highest standard; it is presented annually for an outstanding article published in Isis during the three years prior to the award. The prize consists of $500, a certificate, and reimbursement for a portion of the recipient's expenses in attending the annual meeting at which the prize is awarded. From its inception in 1978 through 1987, the award was known as the Zeitlin–Ver Brugge Prize; in 1988, the award took its name from an anonymous endowment established to honor the late Avalon Professor of History of Science at Yale University. All articles published in Isis during the stated three years are automatically under consideration.

Other Prize Competitions

The James L. Clifford Prize of the American Society for Eighteenth-Century Studies carries an award of $300 and goes to the best nominated article, an outstanding study of some aspect of eighteenth-century culture, interesting to any eighteenth-century specialist, regardless of discipline. Send nominations or inquiries to R. G. Peterson, St. Olaf College, Northfield, MN 55057; (507) 663-3488.

The Division of the History of Chemistry of the American Chemical Society and the Dexter Chemical Corporation solicit nominations for the 1989 Dexter Award for outstanding accomplishment in the history of chemistry. The award, usually presented at the Fall National Meeting of the American Chemical Society, consists of $2,000 and an engraved plaque. Nominations should contain a cover letter giving an assessment of the nominee's contributions to the field, a vita, and a bibliography of publications. Copies of no more than three select publications may also be included if available. All nominations should be sent to William B. Jensen, Department of Chemistry, University of Cincinnati, Cincinnati, OH 45221 by 1 January 1989.

Dissertations Completed


Books Received by Isis
October–November 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 know of forthcoming books or are interested in reviewing for Isis, please write to the Book Review Editor, Isis Editorial Office, Department of History of Medicine, University of Wisconsin, Madison, WI 53706.


Giuseppe Belli. La fisica a Pavia nell’800 e ’900. Scritti di Giuseppe Belli. Edited by Giacomo Bruni. (Collana di Storia della Scienza) x + 506 pp., figs., app., bibl. Milan: Università degli Studi di Pavia, 1988. L 12,000 (paper).


Peter J. Bowler. The Non-Darwinian Revolution: Reinterpreting a Historical Myth. x + 238 pp., figs., bibl., index. Baltimore/London: Johns Hopkins University Press, 1988. $27.50.


Horacio Capel; Joan Eugeni Sánchez; Omar Moncada. De Palas a Minerva: La formación científica y la estructura institucional de los ingenieros militares en el siglo XVIII. (Libros del Buen Andar, 23.) 390 pp., illus., bibl., index. Barcelona: Serbal; Madrid: Consejo Superior de Investigaciones Científicas, 1988.

Mary Chan; Jamie C. Kassler; Janet D. Hine. Roger North’s The Muscullar Grammarian and Theory of Sounds. ix + 181 pp., figs., bibl., index. Kensington: University of New South Wales School of English, 1988. [Distributed by James Bennett Library Services, Collaroy, N.S.W., Australia.] $417 (paper.) [Photo-offset from typescript.]

Grants & Fellowships Awarded

Among the nearly 1,000 individuals named as Fulbright Scholars for 1988–1989 are [with their institutions and destinations] Robert E. Bieder (Institut Teknologi, Malaysia), West Germany; Geoffrey C. Cocks (Albion College), West Germany; Hamilton Cravens (Iowa State Univ.), West Germany; Robert G. Frank, Jr. (Univ. California, Los Angeles), West Germany; Thomas F. Glick (Boston Univ.), Uruguay; Steven J. Livesey (Univ. Oklahoma), United Kingdom.


The Brandeis University Libraries Special Collections Department has been awarded $100,000 by the U.S. Department of Education to enable it to increase national awareness of and access to the unique resources for research in the fields of the history of science and technology provided by the huge collection of monographs, periodicals, and offprints amassed by Vito Volterra (1860–1940), the noted Italian mathematician, scientist, and humanist—a collection presented to the library by Bern Dibner. The grant will enable the library to catalogue the offprint collection into a microcomputer-based database, which will be available to researchers in print and electronic form, and to continue cataloguing the monographs and serials in the collection and entering the data into the OCLC online computer database network.
PUBLICATIONS

The first issue of Antenna, a newsletter issued by the Society for the History of Technology's Special Interest Group on the History and Impact of Communications Technologies, has just been published. Antenna will appear three times a year and will include information on exhibits, meetings, recent publications, and other activities related to the history of communications technology. For further information contact Milton Mueller, Annenberg School of Communications, University of Pennsylvania, 3620 Walnut Street, Philadelphia, PA 19104.

Minerva: A Review of Science, Learning and Policy defines its focus as "the fundamental social, economic, political, and administrative problems of higher education and scientific research in their contemporary relevance and in an historical perspective." Beginning in 1989, reduced-rate individual subscriptions will be available to History of Science Society members who have the journal mailed to them. Dues will pay for two issues per year. For further information contact Department of English, Washington State University, Pullman, WA 99164-5020; (509) 335-2581.

Scholars interested in the Paracelsus-Edition: Kritische Gesamtausgabe der Werke der Theophrastus von Hohenheim are asked to contact Prof. Dr. Wolf-Dieter Müller-Jähncke, Kurator des Deutschen Apotheken-Museums, Friedrichstrasse 3, D-6900 Heidelberg, FRG.


Cheng-Yih Chen [Editor]. Science and Technology in Chinese Civilization. xi + 352 pp., illus., figs., index. Singapore: World Scientific Publishing Company, 1987. $48. [Photo-offset from typescript.]


Merton E. Davies; William R. Harris. RAND's Role in the Evolution of Balloon and Satellite Observation Systems and Related U.S. Space Technology. xiii + 126 pp., illus., bibl. Santa Monica, Calif.: RAND Corporation, 1988. $10 [paper.]


Daniel M. Fox; Christopher Lawrence. Photography Medicine: Images and Power in Britain and America since 1840. [Contributions in Medical Studies, 21.] vii + 357 pp., illus., index. New York/Westport, Conn./London: Greenwood Press, 1988. $49.95.


The January 1989 issue of Nuclear Texts e/ Contexts will be sent free of charge to anyone requesting a copy. NTe/C will then become the official newspaper of a recently formed but as yet unnamed organization of scholars and teachers. Membership forms will appear in the January issue; dues will pay for two issues per year. For further information contact Department of English, Washington State University, Pullman, WA 99164-5020; (509) 335-2581.

Scholars interested in the Paracelsus-Edition: Kritische Gesamtausgabe der Werke der Theophrastus von Hohenheim are asked to contact Prof. Dr. Wolf-Dieter Müller-Jähncke, Kurator des Deutschen Apotheken-Museums, Friedrichstrasse 3, D-6900 Heidelberg, FRG.

The American Association for the Advancement of Science's Office of Scientific Freedom and Responsibility has issued Science, Engineering, and Ethics: State-of-the-Art and Future Directions, a report based on a workshop and symposium held at the 1988 AAAS annual meeting in Boston. Copies are available without charge from the Office of Scientific Freedom and Responsibility, AAAS, 1333 H Street, NW, Washington, DC 20005.