LETTER FROM THE PRESIDENT

STEPHEN G. BRUSH

As many of you know, we held our largest ever single-society meeting in Seattle last October. There were 58 sessions, and over 500 people registered at the meeting. We enjoyed the charms of Seattle and learned the latest findings of our colleagues; for this bounty we thank program committee chairs Peter Galison and Timothy Lenoir and local arrangements chair Keith R. Benson. Financial support was provided by the University of Washington, the University of Puget Sound, Pacific Lutheran University, and Seattle University.

While most of you were flying toward Seattle on 25 October, the HSS Council was taking several actions you should know about.

Publications. The Council approved the recommendation of the Committee on Publications [CoP] to proceed with negotiations with the University of Chicago Press for the publication of Isis and Osiris. Although a contract has not yet been approved by the Council, this is such an important decision for the Society that I want all members to be fully informed about what is being proposed, and why. The following comments derive from the CoP report, prepared by David Hollinger for the Council.

During the last two years, in response to widespread concerns about the financial aspects of the HSS publications program and the specific recommendations of the Committee on Programs and Priorities, chaired by Arthur L. Norberg, the CoP has studied the cost-efficiency of our present operations and explored possible alternatives. It should be recalled that between 1985 and 1989, HSS reestablished Osiris, moved the Isis editorial office from the University of Pennsylvania to the University of Wisconsin, and opened an Executive Secretariat. Many operations formerly located in one building and supervised by the HSS Editor are now dispersed both geographically and

Continued on page 6
NEWS OF THE SOCIETY

Council Action in Seattle

In addition to the actions reported elsewhere, at its Seattle meeting the Council voted to (1) rejoin the National Coordinating Committee for the Promotion of History; (2) hold the Society’s 1995 annual meeting in Minneapolis, Minnesota, and (3) reject proposals calling for the Nominating Committee to present only one candidate or, alternatively, three candidates [with rank-order voting], for the Vice-Presidency [see HSS Newsletter, January 1990, p. 2; April 1990, pp. 2–3; July 1990, p. 7]. The Council also heard reports about the Society’s future joint international meetings: in June 1991, in Madrid, with the Spanish and Latin American societies (described fully, with program, under “Madrid Meeting”); and in July 1992, in Toronto, with the British and Canadian societies (described under “HSS and Related Meetings”).

Travel Grants for 1991 Annual Meeting and Critical Problems Conference

With support from the Richard Lounsbery Foundation and other funds, the Society will again award travel grants for the 1991 annual meeting for independent scholars, advanced graduate students, and individuals (including those with temporary and part-time appointments) teaching at smaller colleges and universities without travel budgets. Applications for such grants must be received by the HSS Executive Secretary by 24 May 1991. These should include a curriculum vitae and a brief letter with the names of two individuals who may be asked about the applicant’s scholarly work, the approximate cost of economy-class round-trip airfare (or automobile mileage) to the meeting, and (most important) a statement about the applicant’s formal participation in the meeting. Highest priority for funding will be given to those giving papers in a session at either the 1991 annual meeting or the Critical Problems Conference, with next highest priority going to those giving work-in-progress papers or participating in Society governance. Students should document their status, and those teaching at institutions without travel budgets should provide brief letters from their deans or department heads.

Recipients of HSS graduate student and independent scholar travel grants for the Society’s 1990 annual meeting include Pnina G. Abir-Am, Gale Avrith, Joseph A. Cain, Teresa Castelao, Mathias Dörries, Mark R. Finlay, Janet Bell Garber, Anita Guerrini, Eveylinn M. Hammonds, Myles W. Jackson, LeeAnn Hansen Le Roy, Paul Lucier, Jörg E. Maas, Nancy E. Mannikko, Russell C. Maulitz, Hazim Murad, Julie R. Newell, Theodore M. Porter, Brian Rotman, Ana Isabel Simoes, Lane Simonian, Mary Terrall, Emily Thompson, Sarah W. Tracy, Maria Trumpler, and Regine Zott.

Visiting Historians of Science Program

As Stephen G. Brush's “Letter from the President” reports, the Dibner Fund has recently renewed its generous support for the Society and its activities by donating $10,000 for the Visiting Historians of Science Program, which sponsors visits to institutions at which our discipline is not currently represented or is undergoing expansion. At these colleges and universities, our visitors give lectures, lead seminars, and meet with academic administrators and other curriculum planners to discuss and illustrate the intellectual excitement and pedagogical utility of history of science (see HSS Newsletter, April 1990, pp. 1, 4). During the Spring 1991 semester, the Society’s visitors are scheduled to visit nineteen institutions, as follows: William B. Ashworth, Jr., Benedictine College; Alan M. Brandt, Ball State University; Emory University, and Oglethorpe University; Elizabeth Garber, University of North Carolina at Greensboro, St. Joseph College, and University of Tennessee at Martin; Timothy Lenoir, Boise State University; David C. Lindberg, Geneva College; Joan L. Richards, Gettysburg College, Mansfield University, St. John’s University, and Whitney and Lee University; Phillip R. Sloan, James Madison University, Old Dominion University, and Wittenberg University; Kenneth M. Taylor, Northeast Missouri State University and Northwest Missouri State University; David B. Wilson, Augiestan College. For further information about the program, including all application materials, contact the Society’s Executive Secretary or the appropriate regional representative on the national committee overseeing the program (see HSS Newsletter, April 1990, p. 4).

HSS Prizes for 1990


On receiving the Sarton Medal—designed originally by Bern Dibner and still supplied by the Burndy Library—A. Hunter Dupre made the following remarks:

The honor that is bestowed on me this evening is deeply satisfying. I was a member of this Society a few years before George Sarton died. My one important touch with him came shortly after I, as an American historian newly active in the history of science, had found in private hands some letters from Charles Darwin to Jeffries Wyman, professor of anatomy at Harvard University. Sarton immediately and cordially accepted for publication what was to become my first article, “Some Letters from Charles Darwin to Jeffries Wyman.” Isis, 1951, 42:104–110. Already here was Sarton’s expansive definition of the history of science as distinct from the histories of the various disciplines. Darwin was a leading figure in many fields; the setting was trans-Atlantic, plants and animals ap-
peared in a physical environment as arguments for and against natural selection. Jeffries Wyman was a doctor of medicine and an anthropologist as well as a zoologist. As a teacher of William James, his influence extended to psychology and American pragmatism. James in turn was an influence on Niels Bohr. During the later years of Sarton, the History of Science Society was much more than just one man. Among the members drawn from many disciplines and age groups were some of the great human beings I have known. Immediately welcoming me was C. Doris Hellman, author of an article, "Jefferson's Efforts towards the Decimalization of United States Weights and Measures," *Isis*, 1931, 16:289–297. Competent scholar, dedicated teacher, gracious hostess, with her husband Morton Pepper she became a major benefactor of the Society. Others who stand out in my mind are Carl Boyer in the history of mathematics, Dorothy Stimson in the history of scientific institutions, Conway Zirkle in the history of botany, and Richard H. Shryock, who followed a path somewhat similar to mine from American history to the history of medicine. As a link from the Society of the later Sarton years right down to the present, my wife Betty and I have had as guides and role models Cyril Stanley Smith and Alice Kimball Smith. They have given us inspiration by their moral courage in the glare of the hydrogen bomb, by their sense of the history of science and technology as high intellectual adventure, and by their appreciation of the force of aesthetics in scientific and technological creativity. The return to some of the traditions of the History of Science Society of Sarton's years is clearly marked by the re-

vival of *Ostris* in 1985 and the publication of *Historical Writing on American Science* as the first volume of the second series. It is inconceivable that I should be here this evening without the commitment, thought, and sheer hard work that went into that volume. I should like to recognize the two editors, Sally Gregory Kohlstedt and Margaret Rossiter. The many titles cited there point not to the accomplishment of a single book or two books but to the creation of a whole literature by you, the members. Conway Zirkle once wrote me a postcard that read something like this: "Always you will have to live with the fact that you are the author of *Asa Gray*. I wish you a hard but happy life." Happiness I have had in plenty. Now I shall pass on to you the wish that you, the members of the History of Science Society, will carry on with hard but happy lives.

**1991 ANNUAL MEETING**

The Program Committee for the 1991 annual meeting of the History of Science Society issues a call for paper and session proposals. The meeting will be held in Madison, Wisconsin, from 30 October (Thursday) through 3 November (Sunday) 1991, concurrently with the Society for History of Technology's annual meeting and the joint HSS–SHOT Conference on Critical Problems and Research Frontiers in History of Science and Technology. The number of regular HSS sessions will be reduced significantly because sessions of interest to HSS members will be incorporated into the two other meetings.

The committee seeks proposals in all fields of history of science. It particularly welcomes submissions on topics not part of concurrent or recent programs and by individuals who have not presented papers at recent HSS meetings. Younger scholars are especially encouraged to submit paper proposals for regular and works-in-progress sessions. The committee also solicits suggestions for sessions that SHOT can cosponsor.

Proposals for sessions and individual papers should include as much useful information as possible to help the committee to make reasoned judgments. Short (150-word) abstracts of talks and 1-page curriculum vitae of the presenters are recommended for regular sessions and required for works-in-progress sessions. Because the concurrent meetings will limit program time, proposals should indicate the last HSS meeting at which each speaker presented a paper. Proposals of sessions should provide relevant information for each participant (including the commentator and chair) along with a description of the sessions' themes; sessions normally will run one hour and forty-five minutes. Finally, persons wishing to sponsor joint HSS–SHOT sessions should submit copies of all materials to both the HSS Program Committee and to the SHOT Program Committee, care of Deborah Fitzgerald, 1225 Orchard Drive, Ames, IA 50010; [515] 232-5809.

Send proposal materials by 1 April 1991 to the program chairs, Albert E. Moyer and Richard Hirsh, Department of History, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061-0117; [703] 231-8378 or [703] 231-5601; e-mail amoyer@vtvm1.bitnet or richards@vtvm1.bitnet.
The History of Science Society Budget

The Society's fiscal year runs from 1 July to 30 June. A draft budget is presented to Council for approval at its annual meeting preceding the fiscal year. The Executive Committee may make adjustments, presenting the changes for approval the next fall, a few months into the fiscal year. Thus there are two budgets to consider: the revisions for the current year and the projections for the forthcoming year. The Society divides its accounts into three funds:

**General Fund.** Annual income and expenses constitute this fund. Council has determined that the Society must have a balanced budget. Hence the general income (primarily dues and publications income) must balance general expenditures.

**Reserve Fund.** This fund was established with grants and donations received from various foundations and individuals. The Society has allocated $10,000 per annum from General Fund income to support committee programs.

**Fund Income to Support Committee Programs.** By the end of fiscal 1989/90 almost all initial grant monies were spent, and future support of special programs will be determined by the success of new grant proposals to funding agencies. The Society has allocated $10,000 per annum from General Fund income to support committee programs.

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**HSS Officers, Editors & Committee Chairs for 1991**

Society members are urged to use these addresses, telephone and fax numbers, and e-mail addresses to contact those responsible for oversight of specific HSS activities and programs.

**Officers**

**President:** Stephen G. Brush, Institute for Physical Science and Technology, University of Maryland, College Park, MD 20742; (301) 405-4846, fax (301) 314-9363, e-mail ashon@cs.umd.edu

**Vice-President:** Sally Gregory Kohlstedt, 102 Walter Library, University of Minnesota, Minneapolis, MN 55455; (612) 624-1802, fax (612) 624-2841.

**Executive Secretary:** Michael M. Sokal, History of Science Society, 35 Dean Street, Worcester, MA 01609; (508) 831-5712, fax (508) 831-5800; e-mail hssokal@wp.wpi.edu, Department of Humanities, Worcester Polytechnic Institute, Worcester, MA 01609; (508) 831-5363.

**Treasurer and Chair, Committee on Finance:** Lester D. Stephens, Department of History, University of Georgia, Athens, GA 30602; (404) 542-2507, fax (404) 542-3422.

**Editor, *Isis***: Ronald L. Numbers, Department of History of Medicine, University of Wisconsin, 1300 University Avenue, Madison, WI 53706; (608) 262-3701, fax (608) 262-2327, e-mail isis@vms.macc.wisc.edu, isis@wisc.nasa.bitnet.

**Other Editors**

**Editor, Osiris:** Arnold Thackray, Beckman Center for the History of Chemistry, 3401 Walnut Street, Philadelphia, PA 19104; (215) 898-4896, fax (215) 898-5756.

**Editor, Current Bibliography:** John Neu, Memorial Library, University of Wisconsin, Madison, WI 53706; (608) 262-0621, e-mail neu@vms.macc.wisc.edu.
Endowment Funds. Only income from the Endowment Fund may be used to support the General Fund; endowment principal may never be spent. The Dibner Fund is a special endowment, the income from which can be used only to support Isis. Income from the Hellman Fund was used in 1988/89 to aid independent scholars and will supplement that program again in 1991/92. The Osiris Fund is not strictly an endowment fund, so that both income and principal may be used to balance Osiris expenses. The Endowment Fund also includes discrete prize funds.

The budget is composed of income and expense statements for the three funds and shows the net income-expense balance for each fund.

### Table 1. Rates Structure of the History of Science Society

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<td>HSS memberships</td>
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<tr>
<td>Regular</td>
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<td>34</td>
<td>34</td>
<td>40</td>
<td>43</td>
<td>45</td>
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<tr>
<td>Student/ret</td>
<td>16</td>
<td>19</td>
<td>19</td>
<td>22</td>
<td>24</td>
<td></td>
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<tr>
<td>Family</td>
<td>-</td>
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<td>-</td>
<td>60</td>
<td>64</td>
<td>68</td>
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<tr>
<td>Isis inst subscr</td>
<td>80</td>
<td>90</td>
<td>97</td>
<td>110</td>
<td>110</td>
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<tr>
<td>Osiris</td>
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<td>Indiv (paper/case)</td>
<td>15/24</td>
<td>18/29</td>
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<td>Inst</td>
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<td>39</td>
<td>39</td>
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Note: Memberships and subscriptions run for the calendar year, the budget covers the fiscal year. This table does not include charges related to postage overseas and the Newsletter.

### Table 2. History of Science Society Fund Summaries

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<tr>
<td>General Fund</td>
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<tr>
<td>Income</td>
<td>288,574</td>
<td>311,518</td>
<td>373,551</td>
<td>385,425</td>
<td>417,721</td>
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<tr>
<td>Prizes Tr</td>
<td>3,750</td>
<td>3,442</td>
<td>3,000</td>
<td>3,000</td>
<td>4,200</td>
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<td>Osiris Tr</td>
<td>1,500</td>
<td>1,521</td>
<td>567</td>
<td>17,100</td>
<td>15,725</td>
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<td>End &amp; Dib Tr</td>
<td>8,000</td>
<td>21,295</td>
<td>(3,295)</td>
<td>23,690</td>
<td>35,755</td>
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<td>Gen Tr to Res</td>
<td>200</td>
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<td>Osiris Fund</td>
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<tr>
<td>Guide adj</td>
<td>23,572</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Net income</td>
<td>298,574</td>
<td>338,084</td>
<td>393,603</td>
<td>429,215</td>
<td>477,801</td>
</tr>
<tr>
<td>Expenses</td>
<td>(287,019)</td>
<td>(332,492)</td>
<td>(387,876)</td>
<td>(429,215)</td>
<td>(477,801)</td>
</tr>
<tr>
<td>Net General</td>
<td>11,556</td>
<td>5,592</td>
<td>7,727</td>
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Endowment Fund | | | | | |
| Donations | 174,267 | 277,877 | 19,500 | 38,350 | 34,350 |
| Income | 47,487 | 70,083 | 93,845 | 88,675 | 94,050 |
| Prizes Tr | 500 | 3,750 | 8,441 | 3,000 | 4,200 |
| End & Dib Tr | (8,000) | (21,295) | 3,295 | 23,690 | 35,755 |
| Osiris Tr | (1,500) | (1,521) | 567 | 17,100 | 15,725 |
| Osiris fund audit adj | (23,272) | (23,272) | | | |
| Net income | 211,749 | 328,394 | 92,493 | 83,235 | 73,920 |
| Expenses | (71) | (1,254) | 170 | (520) | (555) |
| Net Endowment | 211,678 | 327,140 | 92,663 | 82,715 | 73,370 |

Reserve Fund | | | | | |
| Don & grants | 47,485 | 53,250 | 22,408 | | |
| Isis Inc. | 3,800 | 6,650 | 11,850 | 6,500 | 5,000 |
| Interest | 12,415 | 4,662 | 3,573 | 2,400 | 2,500 |
| Tr from Gen | (200) | | | | |
| Total income | 63,700 | 64,562 | 37,431 | 8,900 | 9,000 |
| Expenses | (151,613) | (138,265) | (31,439) | (19,141) | (23,595) |
| Net Reserve | (87,753) | (73,733) | 5,992 | (10,241) | (4,595) |

1. For dues and subscription rates see Table 1.
2. Prizes transfer (Tr) included $3,000 of Dibner Fund money for Independent Scholars in 1988/89 and $1,200 in 1991/92.
3. Osiris transfer (Tr) is the principal and interest to be transferred from the Osiris Fund to issue that Osiris is self-supporting.
4. The Osiris Fund audit adjustment was actually made just after the close of the fiscal year but is included in the 1989/90 Fund Summaries to give a clearer picture of the Net General for fiscal 1988/89.
5. Endowment donations in 1988/89 included the final installment of Ren Dibner's pledge to the General Endowment Fund from the Dibner Fund for the support of Isis; pledged payments from Pfizer, Inc., and Dexter Chemical Corp., and new endowment funds raised for the Dibner Prize Award, the HSS Distinguished Lecture, and Osiris. The Osiris Fund is not a true endowment fund, but both principal and income may be spent.
6. The actual endowment expenses for 1988/89 include the History of Women in Science Prize ($500), plus bank fees, which were reversed after the end of the fiscal year.
7. In 1991/92 the Visiting Historians Program must be self-supporting and is budgeted as such.

### Table 3. General Fund Income

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<td>Budget</td>
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1. For dues and subscription rates see Table 1.
3. Other publications income shows an annual 5% increase.
4. Income from the refounded CB is on a 5% of institutional subscribers at $35.
5. Donations for 1991/92 include the fifth and final installment of $10,000 from Exton, plus $3,000 anticipated from the New York Times Company Foundation and $5,000 from several membership contributions.
6. For 1987/88 Prizes income included a $500 pledge donation for the Watson Davis Prize, a $500 donation for the Zeitlin–Vecchi Prize, and a $500 transfer from endowment income from the History of Women in Science Prize. The Women's Prize is now paid directly from the Endowment Fund, although it is not yet fully endowed.
7. Distinguished Lecture, General Fund and Osiris Fund income transfers.
8. A grant of $3,275 has been credited from the General Endowment Fund to the Osiris Fund in 1990/91 for Osiris expenses incurred in 1989/90, making the actual net income for 1989/90 $5,727, which will affect amortization of the Net.
10. An audit adjustment of $2,395 was credited to the Endowment Fund in 1989/90.

### Table 4. General and Reserve Fund Expenses

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1. Revised 1990/91 budget.
3. Beginning in 1989/90, reserve publications expenses reflect computer depreciation costs only.
4. Newsletter expenses for 1990/91 include a maximum one-time expense of $6,700 for desktop publishing, should the Newsletter be produced by the Executive Secretary's office. 1991/92 expenses include printing budget submitted by Executive Secretary.
5. 1991 Guide costs are amortized over three years.
EDUCATION NEWS

This issue begins a regular column on educational matters from the Society's Committee on Education, which is engaged in several projects to promote the teaching of history of science at the college level. We are also interested in forming liaisons with groups devoted to high school teaching. Individuals working with high school teachers are invited to contact the chairperson of the committee, Sharon Kingsland, History of Science Department, Johns Hopkins University, Baltimore MD 21218.

We expect to have our guide to undergraduate study in the history of science completed by July 1991. This brochure provides a brief survey of our field, with the goal of stimulating interest in the history of science. Free copies will be distributed on request; look for ordering information in a future issue of the HSS Newsletter. The syllabus compilation project, directed by Henry J. Steffens, is well under way. You should have received a letter from him requesting copies of your course syllabi. It's not too late to send them in, but please do it soon! We hope the first collection of syllabi will be available for purchase by late 1991.

The Second International History, Philosophy, and Science Teaching Conference will be held at Queen's University, Kingston, Ontario, on 11-15 May 1992. Deadline for paper proposals is 12 October 1991. For information see under "Meetings and Calls for Papers." —Sharon Kingsland

President's Letter—continued

administratively, creating problems of management and accountability. On the other hand, the Committee is very pleased with the quality of the Society's publications produced at the HSS Publications Office, under the supervision of the Society's Director of Publications, Frances Coulborn Kohler, and did not want to make any change that would compromise that quality.

Early in 1989, CoP solicited proposals from several university presses and commercial publishers for the publication of Isis and Osiris, and also started to obtain detailed financial data from the Philadelphia office. With the approval of the Executive Committee and Council, and with the assistance of a $5,000 grant from Pfizer, Inc., CoP hired a consultant, Barbara Meyers, to critically assess the proposals from the presses and to review the financial aspects of the Society's publishing operations (see HSS Newsletter, July 1990, p. 7). Important factors to be considered were the reputation of the press for publishing high-quality scholarly journals; the prospect of financial and administrative stability over a period of years; economies of scale that might be gained by going with a larger organization; access to the promotional networks and expertise of a press that publishes other journals in related disciplines; retention by the Society of control over the content of its journals; likelihood of good personal relationships between press personnel and Society editorial staff; track record of the press in meeting publication schedules, and reasonable limits on subscription rate increases.

After extensive discussions and site visits, Meyers recommended that HSS close its Penn office and contract with the University of Chicago Press for the publication of its journals. This recommendation was endorsed by members of CoP and of the Executive Committee who worked with Meyers and were familiar with the press proposals. A representative of the University of Chicago Press, Robert Shirell, came to the Seattle meeting to continue the discussions with the Executive Committee and Council, he was also present at the HSS Business Meeting to answer questions from the membership.

The details of the contract are being worked out by HSS Editor Ronald L. Numbers, Executive Secretary Michael M. Sokal, and Vice President Sally Gregory Kohlstedt. An ad hoc subcommittee of the Finance Committee (Joe Burchfield, chair; Mary Louise Gleason, Jane Maienschein, and Lester D. Stephens) is reviewing the financial aspects of proposed contract provisions. The Council may have received a contract for approval by the time this issue of the Newsletter reaches you.

Pfizer Award. The Council approved a recommendation from the Committee on Honors and Prizes to drop the present requirement that only American or Canadian authors are eligible for the Pfizer Award. The new policy states: "Authors eligible for consideration include those whose works were published in English either as the original language or in translation." It goes into effect with the 1991 competition, covering books published in 1988, 1989, and 1990.

The reasons for the change are, first, that HSS is an international organization and should not exclude a large percentage of its own members from competing for its major book award; and, second, that the nationality requirement is ambiguous (does it mean citizenship? residence?) and therefore difficult to enforce equitably. Some members would like to see all books become eligible, whatever their language, but a majority of the Committee and the Council agreed that it would be extremely difficult to put together a committee qualified to judge all entries. There was disagreement about whether books first published in another language many years ago but only recently translated should be eligible, but we eventually decided that the risk of

BSHS Memberships

Members of the History of Science Society who wish to join (or to renew their memberships) in the British Society for the History of Science may again pay their BSHS dues in U.S. dollars through the office of the HSS Executive Secretary. For 1991, BSHS has established the following rates:

Ordinary membership with journal .......................... $40.00
Ordinary membership, introductory offer for first-time members ........ $30.00
Ordinary membership, without journal ........................ $25.00
Associate membership: for students (please document status), the retired (after four years' ordinary membership), and the unemployed
with journal ......................................................... $20.00
without journal ..................................................... $14.00

Please remit these sums, with a check (in U.S. dollars, made payable to the History of Science Society) to the HSS Executive Secretary, 35 Dean Street, Worcester, MA 01609 USA.
HSS and Related Society Meetings

1992 Joint Meeting with the British and Canadian Societies

On the model of the highly successful Anglo-American joint meeting of the HSS and BSHS in Manchester in July 1988, HSS, BSHS, and the Canadian Society for the History and Philosophy of Science are planning an Anglo/North-American Joint Meeting to be held in Toronto, with full-day meetings on Sunday, Monday, and Tuesday, 26–28 July 1992. A reception will be held on Saturday evening, 25 July, to welcome those who are taking advantage of reduced air fares. Planning is already sufficiently advanced that we can promise participants a pleasant and relatively inexpensive stay in this exciting city; the local arrangements chair is Polly Winsor, Institute for the History and Philosophy of Science and Technology, Victoria College, University of Toronto, Canada M5S 1K7.

This announcement constitutes the call for papers and for proposals by prospective organizers of scholarly sessions. The overall theme for the meeting will be “History of Laboratories and of Laboratory Science,” a topic selected because of its wide chronological and subject scope and because it bridges a variety of approaches and methods in the history, philosophy, and sociology of science, medicine, and technology. Practitioners of the history of field and observational sciences are urged to develop sessions devoted to the tension or interaction between laboratory and field or to the role of laboratory ancillae in field sciences. However, this joint meeting will not be exclusively devoted to the stated theme, and prospective session organizers are invited to propose topics in other areas as well. However, there will be no general or works-in-progress sessions, and paper proposals will be accepted only on the theme discussed above. Session organizers are encouraged to create mixed sessions with U.S., British, and Canadian speakers and to leave sufficient time for good discussions. Sessions will last two to three hours, and papers will be twenty to thirty minutes long. Abstracts will be required, due in the hands of Polly Winsor by 1 June 1992; they will be reproduced for all participants and made available upon registration.

Please send proposals, including (for proposed sessions) prospective speakers, rough paper topics, and discussant or commentator, or (for proposed papers) a provisional abstract of around 250 words, by 1 October 1991, to one of the program chairs for the respective societies: for HSS, Alan Rocke, Department of History, Case Western Reserve University, Cleveland, OH 44106; for BSHS, David Knight, Department of Philosophy, University of Durham, 50, Old Elvet, Durham DH1 3HN, England; for CSHPS, Trevor Levere and Jed Buchwald, Institute for the History and Philosophy of Science and Technology, Victoria College, University of Toronto, Canada M5S 1K7.

Annual Meetings

Future annual meetings of the Society will be held as follows: 30 October–2 November 1991, in Madison, Wisconsin, jointly with the Society for the History of Technology; 26–30 December 1992, in Washington, D.C., jointly with the American Historical Association; 11–14 November 1993, in Santa Fe, New Mexico.


For further information about the 1992 SHOT meeting at Upsala contact Hakon With Andersen, Center for Technology and Society, University of Trondheim at Lade, N-7055 Dragvoll, Norway; fax 47-7-922580; e-mail H.Anderson@avh.unit.uninett.

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President's Letter—continued

cilitate communication and cooperation; they will exchange newsletters and rosters of each society's officers, committee chairs, etc. The committee will explore the costs and benefits of establishing a joint membership database and issuing a joint membership directory. (2) To establish a committee on joint meetings, charged with organizing joint meetings every four years (e.g., 1994, 1998). Each joint meeting should be held in a single facility, with registration by a single set of forms, and should include several sessions of a truly joint nature that address concerns of members of all five societies; each joint meeting should reflect the international nature of the disciplines represented by our societies. Other recommendations for cooperation will be taken up at future Council meetings.

Grants. In addition to the grant from Pfizer, Inc., mentioned in connection with the publications program, the Society received a $30,000 grant from the Rockefeller Foundation to support Quincentennial Fellowships for Latin American participants in the International Conference on Science and Discovery that HSS is cosponsoring (with the Spanish and Latin American societies) in Madrid next summer (we are still seeking support for U.S. participants). We also received, jointly with SHOT, a $70,000 grant from the NSF Program for Studies in Science, Technology, and Society, to support the joint HSS-SHOT Critical Problems Conference, to be held next October in Madison at the joint HSS-SHOT meeting. In November the Society received a grant of $10,000 from the Dibner Fund to support our program of Visiting Historians of Science.

Treasurer. The Council elected Lester D. Stephens as the Society's Treasurer for a two-year term beginning in January 1991. We heartily thank Mary Louise Gleason, who has served as Treasurer during the past four years, a period when the Society's finances have become significantly more complicated.

Committee Chairs. We thank those who are retiring as chairs of committees and welcome their successors, as well as those who are continuing (see the table on page 4). Note that the Committee on Finances, chaired by the Treasurer, has recently created two subcommittees: Budget and Investment.

FELLOWSHIPS & GRANTS

The American Institute for the History of Pharmacy fosters graduate student research at all levels in the history of pharmacy and related areas by offering, annually, grants-in-aid totaling $5,000 to pay research expenses not normally met by the universities in which the students are enrolled. Guidelines for applications, which are due by 1 February 1991, should be requested from the AIPH, University of Wisconsin, Pharmacy Building, 425 North Charter Street, Madison, WI 53706-1508; (608) 262-5378.

The Archives and Special Collections on Women in Medicine, Medical College of Pennsylvania, awards Gloeckner Research Fellowships for research using materials in the Archives and Special Collections during the summer of 1991. One grant is reserved for medical students, the second for all other eligible researchers. For application forms and additional information contact Medical College of Pennsylvania, 3300 Henry Avenue, Philadelphia, PA 19129. Completed applications must be received by 15 February 1991.

The Bakken Library and Museum of Electricity in Life annually awards monies (of up to $1,000) for short visits to the Bakken for scholarly use of its collections of books, instruments, and archival materials by researchers at all levels. Applicants should send brief research proposals and complete curricula vitae to John Senior, Bakken Library, 3537 Zenith Avenue South, Minneapolis, MN 55416; (612) 927-6508.

The University of California, San Diego, Science Studies Program invites applications for postdoctoral research fellowships for 1991/92. Fellowships must have a Ph.D. in hand by September 1991 and are expected to carry out research that combines approaches from the history of science, the sociology of science, and the philosophy of science. There are no formal teaching duties, but fellows are strongly encouraged to participate informally in the program's graduate seminars and may also be offered an opportunity to teach one course. The basic stipend is $17,000 (exclusive of teaching). Fellowships are awarded for one academic year, but in exceptional circumstances they may be renewed for a second year. Applications—including three copies of a curriculum vitae, a list of publications, and a brief outline of the proposed research—should be sent to Program Coordinator, Science Studies, 0102, UCSD, La Jolla, CA 92039-0102; (619) 534-0491; fax (619) 534-3388; to arrive not later than 15 February 1991.

The University of California, San Francisco, Department of the History of Health Sciences invites applications for a postdoctoral research fellowship, with a $25,000 stipend (plus research allowance), a twelve-month initial appointment (with a chance of renewal, depending on resources), and the possibility of limited teaching. Preference will go to scholars wishing to use the archival and library resources of the Bay Area. Ph.D. in history required, preferably with a concentration in nineteenth- or twentieth-century health-related topics. Applications—including a curriculum vitae, brief research proposal, and the names of three scholars familiar with

NEH Reauthorization

Despite the pessimism that pervaded Washington early last fall [see HSS Newsletter, October 1990, p. 6], Congress voted to reauthorize the National Endowment for the Humanities for three years late in October 1990, and President Bush signed the reauthorizing legislation, which includes a 9 percent increase in NEH appropriations, on 5 November. This surprising outcome stems from many factors, including the recommendations of the Independent Commission appointed by the president last summer and the actions of many scholars, including many HSS members, as coordinated by the National Humanities Alliance, a coalition of learned societies and other organizations to which the Society belongs. Detailed accounts of the events that led to the Congressional vote on reauthorization appeared in many periodicals: e.g., the Chronicle of Higher Education, 19 September 1990 and 17 October 1990. Copies of NHA's own "Report on Congress's Somewhat Unexpected Reauthorization of the Endowments and Actions of Appropriations for FY-1991" are available from the HSS Executive Secretary or from the National Humanities Alliance, 1527 New Hampshire Avenue, NW, Washington, DC 20036; (202) 328-2121.
the applicant's work—should be sent by 15 April 1991 to Department of the History of Health Sciences, University of California, 533 Parnassus Avenue, San Francisco, CA 94143-0726; (415) 476-2766; fax (415) 476-9453.

The Case Western Reserve University Program in the History of Technology and Science offers two Mellon Graduate Fellowships, which provide tuition waivers and stipends for three years of work toward the doctorate in the history of technology for students preparing dissertations on aspects of the technological development of the Upper Midwest. The program will be supported by a colloquium series that will bring distinguished scholars to campus to address aspects of this topic. For further information and application materials contact Carroll Pursell, Department of History, Case Western Reserve University, Cleveland, OH 44106; (216) 368-2261.

The Center for the Critical Analysis of Contemporary Culture at Rutgers University will award external fellowships to scholars in the humanities, social sciences, or natural sciences for the 1991/92 academic year. During that period the Center will explore the topic 'Science, Technology, and Culture' with a program that includes an internal and external fellows colloquium series and a distinguished visiting scholar series. Humanists and social scientists—or natural scientists whose work includes a humanistic dimension, and whose approach is broad enough to appeal to students and scholars in several disciplines—are encouraged to apply. External fellows receive $32,000 stipends, office space, and usual university privileges, teach one undergraduate class in either semester, and participate in the weekly colloquium of Center fellows. Applicants who cite this notice may submit their materials as late as 22 February 1991; all other applications are due 25 January. For application forms or further information contact the Center, 8 Bishop Place, Rutgers University, New Brunswick, NJ 08903; (908) 932-8426; fax (908) 932-8683.

Logan Clendening Traveling Fellowships of $1500 each will be awarded in 1991 to support travel by two U.S. or Canadian medical and osteopathic students anywhere in the world, for the purpose of studying any aspect of medical history. The winners must complete their research work before they receive their M.D. or D.O. degrees. Potential candidates should request special application forms, which must be returned by 15 March 1991, from Robert P. Hudson, Department of the History of Medicine, University of Kansas Medical Center, Kansas City, KS 66103.

The Institute of Electrical and Electronics Engineers invites applications for its 1991/92 Fellowship in Electrical History, which supports either one year of full-time graduate work in the history of electrical engineering and technology or up to one full year of postdoctoral work in the same field for a recent graduate. The fellowship stipend is $14,000; applications are due 1 February 1991. Further information and application materials may be obtained from the Center for the History of Electrical Engineering, Rutgers University, 39 Union Street, P.O. Box 5602, New Brunswick, NJ 08903-5062.

The Jacob K. Javits Fellows Program will offer approximately 120 fellowships in support of graduate study in the arts, humanities, and social sciences in fiscal 1991. Stipends are determined by a fellow's financial need but may not exceed $15,000 per academic year. Individuals completing undergraduate degrees and those who have completed twenty or fewer graduate credit hours may apply for fellowships. For further information contact Allen Cissell, Department of Education, 400 Maryland Avenue, SW, Room 3022, ROB-3, Washington, DC 20202-5251; (202) 708-9415.

The Library Company of Philadelphia and the Historical Society of Pennsylvania will award Summer Research Fellowships in American History and Culture for 1991. These neighboring independent research libraries have comprehensive, complementary collections that support research in a variety of fields and disciplines relating to the history of North America in the eighteenth and nineteenth centuries. The fellowships are for both postdoctoral and dis-

Continued on next page

Other Societies

The Association Henri Poincaré was created in Paris on 30 September 1989 "to foster relations between physicists, mathematicians, historians, and philosophers with an interest in the nineteenth and twentieth centuries." It will be especially concerned with the role that history and philosophy of science may play in the undertaking and understanding of scientific activity. The Association is open to anyone who is interested, potential members are invited to send their names, addresses, academic affiliations, and international money orders for 100 francs for subscriptions to the Association's Newsletter, which will be published three times a year. For further information contact Association Henri Poincaré, Institut Henri Poincaré, 11, rue Pierre et Marie Curie, 75005 Paris, France.

The new members of the History Committee of the Institute of Biology include Brian J. Ford (Chairman), Rother House, Maxfield Road, Eastrea, Cambs PE7 2AY, Wilson Wall (Secretary), University Diagnostics Ltd., Department of Biochemistry, University College, Gower Street, London WC1E 6BT; Mike Buttolph [Editor, Biology History], Richard Bond, Harry Grenville, Robert Olby, Michael Ryder, Nick Russell, and C. Smith.

The International Society for the History of East Asian Science, Technology, and Medicine held its first meeting in Cambridge, England, 4 August 1990, at the Sixth International Conference on the History of Science in China. The Society serves and represents scholars in the field, will sponsor an international conference every three years, is planning a newsletter, and has already assumed publication of the established journal Chinese Science. Officers [elected for three years] are: President, Nathan Sivin [Univ. Pennsylvania], Vice-President, Tsun Ko [Beijing Univ. Science and Technology], Secretary, Christopher Cullen [School of Oriental and African Studies, London]; and Treasurer, Georges Metailié [Muséum National d'Histoire Naturelle, Paris]. Annual dues—which include a subscription for four issues of Chinese Science [published irregularly]—are Fr 60 ($10.00, £6.00, Y125), payable in French francs or by International Money Order for three years in advance to the Treasurer, Muséum National d'Histoire Naturelle, 57 rue Cuvier, Paris 75231, France.
FELLOWSHIPS—continued

tertation research in residence at the libraries, which welcome proposals from applicants working in any field appropriate to the collections. Candidates are urged to inquire, prior to application, about the appropriateness of their topics. Fellowships are tenable for one to two months during the summer of 1991 and carry stipends of $1,100 per month; fellows will be assisted in finding reasonably priced accommodations. To apply send four copies of a curriculum vitae, a short project description, and one letter of reference to James Green, Library Company of Philadelphia, 1314 Locust Street, Philadelphia, PA 19104, by 1 February 1991.

The Mass Media Science and Engineering Fellows Program of the American Association for the Advancement of Science enables college students to work for ten weeks each summer as reporters, researchers, production assistants, and script consultants at newspapers and magazines and at television and radio stations around the country. Fellows receive weekly stipends of $350, and AAAS pays all travel expenses. For further information contact the program at AAAS, 1333 H Street, NW, Washington, DC 20005; (202) 326-6605. The deadline for the receipt of applications is 1 February 1991.

The National Center for Human Genome Research announces the availability of funding for research projects, conferences, postdoctoral fellowships, and short courses pursuing social, ethical, legal, historical, and philosophical perspectives on the initiative to map and sequence the human genome and the applications of the new genetic knowledge it will produce. For further information contact Eric T. Juengst, Ethical, Legal, and Social Implications Program, National Center for Human Genome Research, Building 38A, Room 613, National Institutes of Health, Bethesda, MD 20892, [301] 496-7531.

The National Women's Studies Association awards several scholarships and fellowships to graduate students and other scholars. These include two Pergamon-NWSA Scholarships for interdisciplinary graduate work in Women's Studies, one award for graduate work in Jewish Women's Studies, one award in Lesbian Studies, and one fellowship for a visiting student or scholar from the People's Republic of China for research about women, national liberation movements, or areas that might have a special impact on the lives of women in China. For further information and application materials contact NWSA, University of Maryland, College Park, MD 20842-1325; [301] 405-5573.

FOR THE RECORD
The Verbund für Wissenschaftsgeschichte in Berlin—which links institutions at the Freie Universität and Technische Universität, the Wissenschaftskolleg zu Berlin, the Wissenschaftszentrum für Sozialforschung, the Museum für Verkehr und Technik, the Archiv der Max-Planck-Gesellschaft, and the Historische Kommission—offers one- or two-year research fellowships in the history of science and technology endowed by the Volkswagen-Stiftung. The fellowships are sponsored in collaboration with other groups in history of science and technology based at centers in France, Great Britain, Israel, and the United States. Fellows meet on a regular basis in Berlin for seminars and discussions with groups based there and also pursue some of their research at the collaborating groups elsewhere. Postdoctoral applicants from all disciplines are eligible, those with a background in

The Mellon Fellowship Committee
E51-201D, Massachusetts Institute of Technology
Program in Science, Technology, and Society
Cambridge MA 02139
telephone: 617-253-9759
fax: 617-258-8118

Applications are due by February 1, 1991.

Program in Science, Technology, and Society
Massachusetts Institute of Technology
areas other than specialist history of science and technology are especially welcome. Research proposals are encouraged in the field of nineteenth- and twentieth-century science and technology in its cultural context. Applications containing a research proposal, curriculum vitae, list of publications, samples of the applicant's work (e.g., an excerpt from an unpublished or published paper), and two letters of recommendation were due 15 December 1990. For further information contact the Verbund at the Technische Universitāt Berlin, Sekretariat HAD 29, Zi. HAD 516a, Hardenbergstrasse 4-5, 1000 Berlin 30; telephone 030-314-26854.

In 1991 the Francis Clark Wood Institute for the History of Medicine will offer grants (of up to $1,000) to scholars engaged in projects requiring use of the Historical Collections of the Library of the College of Physicians of Philadelphia, one of the largest medical history repositories in the United States, which document the evolution of medicine from the medieval period to the present. Recipients will be expected to present a seminar at the Wood Institute and to submit a report on their research. Letters of application (under five pages) outlining the proposed project, length of residence, historical materials to be used, and a budget for travel, lodging, and research expenses should be sent by 15 January 1991 (for fellowships in the spring/summer of 1991) with a curriculum vitae and two letters of recommendation to Carla C. Jacobs, Wood Institute, College of Physicians of Philadelphia, 19 South 22nd Street, Philadelphia, PA 19103; [215] 563-3737.

**POSITIONS**

This list is compiled with Anne Millbrooke, Archivist of United Technologies Corporation, and includes all position announcements brought to the Society's attention. Individual notices are drawn (and often condensed) from many sources and (for positions in the U.S. and Canada) usually include affirmative action statements or their equivalent. The Society cannot assume any responsibility for the accuracy of any listing, and potential applicants should double- and triple-check all requirements, especially closing dates.

The American Council of Learned Societies invites nominations and expressions of interest for the position of Senior Editor, Darwin Correspondence Project. Candidates should have a record of distinguished scholarly achievement in the history of science or history of biology, preferably emphasizing the nineteenth century, and editorial experience. The appointee would be a coeditor of the edition and would share with the present senior editor the shaping of policy for the edition and the establishment of work assignments and schedules; share in the supervision and review of the work of the editorial staff; edit letters and perform research, particularly in those aspects of the edition related to his or her special field of competence in science and the history of science; and initiate and supervise grant applications for external support of the project. Applicants available on a less than full-time basis are encouraged to express their interest, since the position could be pursued in large part by a reduced academic schedule and visits out of term-time to the Darwin Archives at Cambridge University, where a British editorial staff is located. Individuals wishing to be considered should send a letter of interest and résumé listing the names and addresses of three references; nominations are also strongly encouraged. Both nominations and expressions of interest should be received by 31 January 1991 and should be addressed to Frederick Burkhardt, Darwin Correspondence Project, P.O. Box 1067, Bennington, VT 05201.

The Culture-Science-Technology Program of the University of Arizona seeks a tenure-track assistant professor with scholarly interests in technological change in its social and cultural context and a strong background in both the history of technology and some field of science and engineering. Teaching responsibilities will focus on the development and teaching of undergraduate general education courses in the history of technology and its cultural and social context as part of the university's C.S.T. program; if appropriate, a joint appointment may be arranged. Submit résumé, publications list, writing sample, summary of research interests, and three letters of recommendation by 15 March 1991 to W. D. Kingery, Room 338E, Mines Building No. 12, University of Arizona, Tucson, AZ 85721.

Carnegie Mellon University seeks candidates with outstanding records in research and publication for the Henry W. Luce Professorship in Technology and Social Change, with either a permanent or a visiting appointment, to begin 1 September 1991. Persons with degrees in history and the social sciences with research interests that fall into the general area of technology and social change, and engineers and scientists with strong social interests, are encouraged to apply. Particular preference will be given to scholars working in the areas of communications and the information revolution, computers and computing, industrial change and industrial policy, the environment, and R&D policy. Potential applicants should submit their curriculum vitae and a brief statement of current research interests to Joel A. Tarr, College of Humanities and Social Sciences, Baker Hall 260, Carnegie-Mellon University, Pittsburgh, PA 15213.

The University of Chicago Library seeks a Curator to be responsible for the quality and general support of collections and services of the Department of Special Collections. The Curator will manage collection development in the department, contribute to overall planning and management in the university library, manage the department staff (sixteen full-time employees), communicate with faculty and other users, oversee departmental applications of automated systems; apply modern technologies to bibliographic control and operations and services; direct exhibit, publication, and preservation programs; and cooperate with library development. Qualifica-

Continued on next page
positions include an understanding of the importance of special collections to higher education and scholarship, the ability to actively and aggressively collect appropriate materials, leadership qualities and administrative and interpersonal relations skills, ability to apply modern technologies to library operations and services, excellent written and oral communication skills, and reading knowledge of at least two of the following: French, German, Italian, and Latin.

Graduate library degree from an accredited library school or Ph.D. in a relevant discipline is required; those with library degrees preferably will hold another graduate degree in a relevant discipline. Applicants must have demonstrated involvement with scholarship and the needs of scholars, a thorough knowledge of bibliographic description and control, and a minimum of five years of progressively responsible professional experience (including administrative and supervisory duties) in special collections or a related area. Salary will be based on qualifications and experience. Potential applicants should request a full job description, letters of application, due 31 January 1991, should include curriculum vitae and names, addresses, and telephone numbers of three references. Contact William F. Garrity, Search Committee for Curator of Special Collections, University of Chicago Library, 1100 East 57th Street, Chicago, IL 60637, (312) 702-3732.

Colby College seeks applicants for a tenure-track position (beginning 1 September 1991) whose occupant will offer introductory and advanced courses in Science-Technology Studies and teach science courses for nonscience majors. He or she will initially serve as director of the College's STS Program and hold a joint appointment in a science department. Candidates should have an advanced degree in one of the sciences as well as particular competence in history of science or technology. A Ph.D. or D.Sc. is required. Submit letter, curriculum vitae, and the names of three references, at least one of whom is familiar with the candidate's teaching, to Leonard Reich, STS Search Committee, Colby College, Waterville, ME 04901 by 21 January 1991.

Concordia University invites applications for a one-year, limited-term appointment as assistant professor, beginning 1 July 1991, to teach in and direct the Science and Human Affairs program, part of the university's Department of Geography. Candidates should hold a Ph.D. in a relevant discipline (preferably history of science or technology) and should submit their curriculum vitae and the names of three referees by 1 March 1991 to Max Barlow, Department of Geography, Concordia University, 1455 de Maisonneuve Blvd., Montreal, Quebec H3G 1M5, Canada. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

Emory University's Graduate Institute of the Liberal Arts—an interdisciplinary graduate program for students whose interests include cultural theory, criti-
cism, and history—invites applications from [and nominations of] scholar-teachers of national reputation, with substantial records of comparative and interdisciplinary publication, for a tenure position at the level of professor or associate professor. The position is open as to field and period, but preference will be given to candidates whose research includes the study of non-Western cultures. Areas of special interest include cultural geography; feminist studies; science, technology, and culture; and postcolonial studies. Initial review of applications—which should be sent to Dana F. White, Director, ILA, Emory University, Atlanta, GA 30322—will begin on 15 January 1991.

The Women's Studies Program, University of Illinois at Urbana-Champaign, seeks to fill two tenure-track positions, each half-time in Women's Studies and half-time in any of several home departments. The search emphasizes (among other areas) women in science. Candidates should have the Ph.D. or equivalent, evidence of active scholarship in both Women's Studies and the home discipline, and demonstrated teaching ability; should submit (by 15 January 1991) letter of application, curriculum vitae, and two sample publications; and have three letters of recommendation sent to Paula A. Treichler, Women's Studies Program, University of Illinois at Urbana-Champaign, 304 Stiven House, Urbana, IL 61801; (217) 333-2990.

The Department of History, Indiana University—Purdue University at Indianapolis, seeks a European historian, for a tenure-track assistant or associate professorship, with interests in the history of philanthropy ("e.g., science patronage") and other fields complementary to departmental needs, including British, early modern, and social history. Teaching responsibilities include Western civilization survey, upper-level and graduate courses in field of interest, and development of a new course in history of philanthropy. Ph.D. and promise or evidence of excellence in teaching and research required; opportunity to work with nationally recognized Center on Philanthropy on campus. Submit letter, curriculum vitae, and three references by 10 January 1991 to Kenneth Cutler, Department of History, IUPUI, 425 University Blvd., Indianapolis, IN 46202-5140.

Continued on next page

FOR THE RECORD

The Department of History of the University of Adelaide, Australia, sought a temporary lecturer in modern German history, preferably with a secondary field in (among other fields) history of science and technology or history of medicine. For further information contact A. L. Martin, Department of History, Australian telephone (61) 228-5916.

The Department of History, University of Alabama, sought to fill a senior position in U.S. military history. For further information contact William D. Barnard, Department of History, University of Alabama, P.O. Box 870212, Tuscaloosa, AL 35487-0212.

The Lister Hill Library of the Health Sciences, University of Alabama at Birmingham, sought an archivist with "prior knowledge of the history of medicine, and science and academic health centers." For further information contact Director, Lister Hill Library, University of Alabama, Birmingham, AL 35294.

The American College of Obstetricians and Gynecologists in Washington, D.C., sought a librarian with experience with special collections, rare book cataloging, and history of medicine. For further information contact the ACOG Personnel Office at (202) 863-2418 or (800) 673-8444.

The American Heritage Center of the University of Wyoming, with major archival and other collections in many areas relating to the history of science, sought a director. For further information contact David L. Baker, American Heritage Center, University of Wyoming, Laramie, WY 82071; (307) 766-4114.

Brandeis University sought a historian of science to fill an endowed chair beginning fall 1991. For further information contact Department of History, Brandeis University, Waltham, MA 02254-9110.

The University of California, Los Angeles, sought a tenure-track assistant professor to participate in a program in the cultural history of science and technology. For further information contact Peter Reill, Department of History, University of California, Los Angeles, CA 90024-1473.

Daemen College invited applications for a scholar to teach a broad range of courses within "the area of history and philosophy of science, especially as this intersects with society and values." For further information contact Charles J. Reedy, Daemen College, 4380 Main Street, Amherst, NY 14226.

The Detroit Historical Museum sought a researcher for a permanent position on the impact of the automobile industry on Detroit. For further information contact the Motor City Steering Committee, Collections Resource Center, Detroit Historical Department, 6325 B, West Jefferson Avenue, Detroit, MI 48209.

The Thomas A. Edison Papers sought an editorial associate to organize, select, and index documents in the archives of the Edison National Historic Site and to prepare them for microfilm publication; and invited applications for a possible postdoctoral fellowship in historical editing. For further information contact the Thomas A. Edison Papers, Rutgers University, New Brunswick, NJ 08903.

Georgia Southern University sought an assistant professor specializing in the history of European science, medicine, and technology. For further information contact G. Hewett Joiner, Department of History, Georgia Southern University, Landrum Box 8054, Statesboro, GA 30460.

The University of Illinois at Urbana-Champaign sought a historian of medicine or health care in America, with special reference to the twentieth century, for a joint appointment in the Department of History (College of Liberal Arts and Sciences) and the Medical Humanities and Social Sciences Program (College of Medicine). For further information contact Richard W. Burkhardt, Department of History, University of Illinois, 309 Gregory Hall, 810 South Wright Street, Urbana, IL 61801; (217) 333-1155.

Keene State College sought a scholar with competence in European history and philosophy. For further information contact Ronald L. Higgins, c/o Personnel Office, Keene State College, Keene, NH 03431.

The Medical College of Pennsylvania sought a reference archivist for the "largest collection in North America on women in medicine." For further information contact Assistant Director, Special Collections on Women in Medicine, Medical College of Pennsylvania, 3300 Henry Avenue, Philadelphia, PA 19129.

The Lyman Briggs School of Science and Technology Studies of Michigan State University sought (pending administrative approval) an assistant professor for a joint appointment with the Department of History to teach courses in history of science, history, and an introduction to STS that emphasizes writing. For further information contact Edward C. Ingraham, Lyman Briggs School, E 27 Holmes Hall, Michigan State University, East Lansing, MI 48824-1107.

Northwestern University advertised a tenure-track position in the history of science, broadly conceived, at the assistant professor level. For further information contact Betty Jo Teter Dobbs, Department of History, Northwestern University, Evanston, IL 60208-2220.

Smith College sought a historian of continental modern Europe and expressed "particular interest" in candidates with competence in the history of science, including medicine. For further information contact Howard Nenner, Department of History, Smith College, Wright Hall, Northampton, MA 01060.

The Southwest Museum sought a manuscript archivist with expertise in the history of anthropology. For further information contact Craig Elyever, Southwest Museum, P.O. Box 558, Los Angeles, CA 90058.

The Department of Philosophy, University of Tennessee, sought a specialist in the philosophy of natural science, with competence in the history of science. For further information contact John Nolt, Department of Philosophy, University of Tennessee, 801 McClung Tower, Knoxville, TN 37996-0480.

Thomas Jefferson University sought a university archivist or special collection librarian. For further information contact Diana Zinnato, Scott Memorial Library, Thomas Jefferson University, 1020 Walnut Street, Philadelphia, PA 19107.
The Hutchins School of Liberal Studies, Sonoma State University, seeks a person with "broad intellectual interests and scientific training" for a full-time tenure-track faculty position in its interdisciplinary program. Duties include teaching twelve-unit interdisciplinary lower-division core seminars leading interdisciplinary upper-division lecture and seminar courses that focus on the history and philosophy of science or on the relationship of science to aspects of culture, conducting lower-division general science labs, guiding students in undergraduate independent study projects, giving occasional lectures in the individual's areas of expertise, cooperating closely with faculty from other disciplines in designing a common curriculum, participating fully (including advising and committee work) and collegially in the development and maintenance of four-year program in integrative studies. Candidates should have a Ph.D. or A.B.D. by the time of appointment in either the history, philosophy, or sociology of science or a closely related field, or in one of the natural sciences. Review of applications will be conducted by 1 January 1991, 4 February 1991, and 4 March 1991 for applications postmarked by the respective dates, until a qualified candidate accepts the position. Submit a letter of application, a complete and current vita, graduate transcripts, copies of major publications; a current teaching evaluation, if available; and three letters of reference to Les Adler, Provost, Hutchins School of Liberal Studies, Sonoma State University, Rohnert Park, CA 94928.

York University, Toronto, Ontario, Canada, invites applications for a tenure-stream appointment at the assistant or associate professor level in science studies, effective 1 July 1991. Applicants should have background in the history or social studies of twentieth-century science or technology, have the Ph.D. or equivalent; show clear promise of research and teaching capabilities; and be able to integrate into an undergraduate science, technology, and society program oriented to part-time adult evening students. The ability to teach elementary science for nonscience students would be an asset. Send curriculum vitae and names of three references by 31 January 1991 to Richard A. Jarrell, Department of Science Studies, Atkinson College, York University, North York, Ontario, Canada, M3J 1P3. Candidates are asked to have three letters of reference sent directly to the Chair. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

POSITIVE OPENING

St. John's College, Annapolis, at which "faculty slowly work their way through an all-required, non-departmental Great Books curriculum, teaching by discussion in literature, philosophy, mathematics, physics, etc.," has announced one or two possible faculty openings for 1991/92. Those interested should contact Dean Eva T. H. Brann, St. John's College, Annapolis, MD 21404, (301) 263-2371.

NSF Research Training Grant to San Diego

The Science Studies Program at the University of California, San Diego, aims to provide graduate training that integrates the methods and insights of the history, sociology, and philosophy of science. The program began, and the first graduate students were admitted, in fall 1989. The following faculty, drawn from the Departments of History, Sociology, and Philosophy, are currently affiliated with the program: Paul M. Churchland, Gerald D. Doppelt, Robert Marc Friedman, Philip S. Kitcher, Bruno Latour, Sandra D. Mitchell, Chandra Mukerji, Martin Rudwick, Andrew Scull, Steven Shapin, and Robert S. Westman. In 1990 the program submitted a proposal to the Directorate for Biological, Behavioral, and Social Sciences at the National Science Foundation, for funding as a Research Training Group. Ten such RTGs, spread across the range of sciences covered by the directorate, have been funded on this occasion. For the first time one award is for an RTG for the reflective study of science, including of course its history. UCSD's Science Studies Program will receive a grant of about $1.27 million over the next five years. As the term implies, RTG grants are awarded primarily to support training in a given field. The grant to UCSD will be used in three main ways. First, it will fund graduate student fellowships, supplementing the limited resources of the three participating departments and enabling them and the program to offer greater support to both entering and continuing students. It will also help meet students' other expenses, particularly those associated with the program's requirement that they undertake a summer internship in a laboratory or other scientific workplace. Second, applications are being invited for one-year postdoctoral fellowships (see under "Fellowships & Grants Available"). Some of these may be awarded to young scholars in any of the three constituent disciplines, and some to practicing scientists. Third, each year a distinguished senior scholar will be invited to participate in the program as a visiting professor. For further information about the program contact Program Coordinator, Science Studies Program 0102, UCSD, La Jolla, CA 92033-0102, (619) 534-0491, fax (619) 534-3388. -Martin Rudwick
Research Centers

In September 1990 the Center for the History of Electrical Engineering moved from the headquarters of its founding organization, the Institute of Electrical and Electronics Engineers (IEEE), in New York to the New Brunswick, New Jersey, campus of Rutgers University. The Center will be run as a joint operation of IEEE and Rutgers. The move, coupled with increased IEEE support, has enabled an increase in the staff. Recent appointments include Joseph N. Tat tarewicz as Associate Director and Curator, Frederik Nebeker as Research Historian, Eric Schatzberg as Postdoctoral Fellow, and Andrew Goldstein as Research Assistant. The Center conducts programs in four areas. An active historical research program emphasizes modern areas of electrical science and technology, with the aim of producing popular and scholarly publications. An outreach program, involving traveling exhibits, public lectures, television programming, slide shows, and illustrated catalogues, brings a historical understanding of electro-technology to engineers, historians, and the general public. The Center offers undergraduate and graduate courses at Rutgers and prepares educational materials for students from grade school to college age. The Center also maintains the archives of the IEEE and its predecessor societies, prepares guides to research materials available elsewhere, and advises others on what to save and where. For additional information contact the Center at Rutgers University, 39 Union Street, P.O. Box 5062, New Brunswick, NJ 08903-5062; (908) 932-1066.

The University of Salamanca has created, as part of its Escuela de Biblioteconomía, the Centro de Documentación e Información de Historia y Filosofía de la Técnica y Arqueología Industrial. For further information contact the Center, Paseo de San Vicente, s/n. 37007 Salamanca, Spain.

A memorandum of understanding was signed at the Massachusetts Institute of Technology on 11 October 1990 by MIT and the Dibner Fund to have MIT serve as host institution of the newly established Dibner Institute for the History of Science and Technology and the Burnby Library. The Dibner Institute is a consortium of five founding Boston area institutions: MIT, Boston University, Brandeis University, Harvard University, and the American Academy of Arts and Sciences. The memorandum calls for the Burnby Library, now located in Norwalk, Connecticut, to become part of the Dibner Institute once the formal agreement for affiliation between MIT and the Dibner Fund has been completed. Full details of the affiliation will be given at that time. The offices of the Dibner Institute are now located at MIT, Building E40-107, One Amherst Street, Cambridge, MA 02139. Dr. Evelyn Simha is Executive Director of the Dibner Institute.

The Rare Books Division of the Washington University School of Medicine Library has accepted deposit of the rare books collection of the St. Louis Medical Society, including the Robert E. Schlueter Paracelsus Collection. This collection comprises more than four hundred primary and secondary sources dating from 1530 and "includes the larger part of the original writings of Paracelsus and surveys the distinct Paracelsian schools and revivals that have flourished in Germany, England, France, and other countries over the past five centuries." A checklist of this collection, as it existed fifty years ago, appeared in the Bulletin of the History of Medicine, 1941, 9. For further information contact Susan Alon, Washington University School of Medicine, Library and Biomedical Communications Center, 660 South Euclid Avenue, St. Louis, MO 63110; (314) 362-7080; fax (314) 367-9546.

Graduate Study

The Program in the History of Technology and Science, Case Western Reserve University, invites applications for graduate work leading to the M.A. and Ph.D. degrees in history. Prospective students interested in the history of chemistry, medical technology, modern European technology, American technology, and technology policy are especially encouraged to apply. Some graduate support, in the form of both tuition waivers and stipends, is available. Especially attractive are two new Mellon Fellowships, each available for three-year periods, designed to support a long-term research program in the history of technology in the Upper Middle West (see "Fellowships & Grants Available"). For further information contact Carroll Pursell, Department of History, Case Western Reserve University, Cleveland, OH 44106; (216) 368-2261.

Lehigh University invites applications for graduate study leading to the M.A. and Ph.D. degrees in history. Students interested in American technology, early American crafts and industry, business history, urban and building technology, or Japanese industrialization are especially encouraged to apply, as are students interested in STS, history and philosophy of science, or science and technology policy. The graduate program in the history of science, technology, and medicine is closely linked with Lehigh's Science, Technology, and Society program and the Institute for the Study of the High-Rise Habitat. The library holdings are exceptionally strong in nineteenth-century engineering, mining and metallurgy, and building construction, and general holdings are complemented by the Honeyman Collection of rare books in the history of science. Lehigh offers graduate assistantships that include a tuition waiver and stipend. To be considered for financial aid, applications must be received by 1 February 1991. For further information and application forms contact Department of History, Lehigh University, Maginnes Hall #9, Bethlehem, PA 18015; (215) 758-3360.

Dissertations Completed


Mi Gyung Kim, "Practice and Representation: Investigative Programs of Chemical Affinity in the Nineteenth Century." University of California, Los Angeles, 1990.

Summer Seminars & Institutes

The tenth Aston Magna Academy—sponsored at Rutgers University by the Mason Gross School of the Arts, 16 June–6 July 1991—will be devoted to “Foundations of the Italian Baroque: Florence and Rome, ca. 1560–1620.” For further information contact Constance Baldwin, Aston Magna Academy, 105 Hudson Street, Fifth Floor, New York, NY 10013; (212) 941-7534.

The Marine Biological Laboratory will sponsor a summer course, History of Biology: Modern Evolutionary Biology, 4–17 August 1991, with Garland Allen, John Beatty, and Jane Maienschein as directors. The course is open to students from a wide variety of backgrounds and ranks who share an interest in the history and philosophy of evolutionary biology. It will address major themes in the history of post-Darwinian biology, especially in the twentieth century, through lectures, discussion, workshops, laboratories, and field trips led by a faculty of historians, philosophers, and biologists. The course will explore the theories and practice of evolutionary biology, looking at the impact on biology and society more generally. Participants should plan to devote full time during the two weeks to course work and related research. Application deadline is 1 May 1991. For further information and application forms contact Florence Dwane, Admissions Coordinator, Marine Biological Laboratory, Woods Hole, MA 02553; (508) 548-3705, ext. 216.

The twentieth annual Institute for the Editing of Historical Documents will be held in Madison, Wisconsin, 16–27 June 1991. Jointly sponsored by the National Historical Publications and Records Commission (NHPHC), the State Historical Society of Wisconsin, and the University of Wisconsin, the institute will provide detailed theoretical and practical instruction in documentary editing. Further information and application forms are available from the NHPHC. Suite 300, National Archives Building, Washington, DC 20408; (202) 501-5605. Application deadline is 15 March 1991.


For the summer of 1991, the National Endowment for the Humanities will again sponsor 19 Institutes for College and University Faculty, 51 Summer Seminars for College Teachers, and 52 Summer Seminars for School Teachers. Schedules vary, participants receive stipends based on the category and length of each program, and while potential participants may request information (from the seminar leaders and program directors) about more than one program, they may apply—in all cases by 1 March 1991—to only one program in each category. Of the 122 programs, the following seem of particular interest to HSS members.

Institutes for College and University Faculty. “Science as Cultural Practice,” Joseph Rouse and Steve Fuller, Department of Philosophy, Wesleyan University, Middletown, CT 06457; (203) 347-9411, ext. 2268 (see HSS Newsletter, October 1990, p. 6), “Columbus: The Face of the Earth in the Age of Discovery,” Norman Thrower, UCLA Quincentennial Programs, University of California, Los Angeles, CA 90024-1485; (213) 206-1992.

Summer Seminars for College Teachers. “Mental Representation,” Robert Cummins, Department of Philosophy, University of Arizona, Tucson, AZ 85721. “Freud and Jung on Religion,” Short Courses & Workshops

The American Association for the Advancement of Science (AAAS) invites ethnic minority scholars to apply for participation in the AAAS Workshop on Values and Ethical Issues in Science and Technology for Minority Scholars, to be held from 28 July to 4 August 1991 at a residential conference center about ninety miles from Washington, D.C. While persons of any ethnic minority group—with an advanced degree in any field of science, engineering, medicine, law, or the humanities—may apply, preference will be given to applicants from the following groups: Asian/Pacific Islander, Black/African-American, Hispanic/Chicano/Puerto Rican/Latino, or Native American/American Indian. Participants will be selected with special attention to the breadth and diversity of the entire group as well as the individual scholar’s credentials and potential contribution to the workshop. Each participant will receive expenses for travel to and from the workshop and for accommodations and meals while at the workshop, and modest stipends may be available to persons who would not otherwise be able to participate. For further information contact Amy Crumpston, Director for Science and Policy Programs, AAAS, 1333 H Street, NW, Washington, DC 20005; (202) 326-6798. The deadline for applications is 8 February 1991.

In the spring of 1992 the Sidney M. Edelstein Center at the Hebrew University of Jerusalem will sponsor an International Workshop on Religion and Early Science, designed to explore the settings of Judaism, Islam, and Christianity as related to work in areas such as alchemy, mathematics, medicine, astronomy, and biology. The hermeneutical practice of each religion and the bearing it has on the study of nature will be among the specific issues addressed. As planned, the workshop will draw attention to recent work on religion and science and to the holdings of the Edelstein Collection and the special collections of the National Library at the Hebrew University. For further information contact the coordinator for the United States, Kenneth Knoespel, Department of English, Georgia Institute of Technology, Atlanta, GA 30332.

With support from the MacArthur Foundation, over the next four years, Loren Graham will direct a series of USA–USSR workshops on Science and Technology with a Human Face, designed to examine the historical, social, and political dimensions of science and technology. Three will be held in the United
States and three in the Soviet Union.
The first workshop, entitled "Anti-Science and Anti-Technology Trends in the USSR and the USA," will take place at MIT, 3-5 May 1991, and will feature papers by Gerald Holton, Spencer Weart, Sergei Kapitsa, Murad Akhundov, Marina Lapina, and Lev Bazhenov.

Among the eighty-one different short courses for college teachers offered at several sites throughout the United States as part of the 1990/91 Chautauqua Faculty Development Program, five seem most relevant to historians of science: Max Dresden, "The Evolution and Impact of Science on the United States: From Backwater to World Leader [and Back?]" and "Historical Consideration as a Tool in Teaching Modern Science"; Howard Levine, "Science, Technology, and Society: From Public Attitudes to Public Policy"; John Truxal and Marian Visich, Jr., "Using Technological Case Studies in the Liberal Arts Curriculum"; and Leonard Waks, "Science, Technology, and Society: The New Approach to Integrative General Education." For schedules and further information contact George K. Miner, Chautauqua National Center, Department of Physics, University of Dayton, Dayton, OH 45469-2314; [513] 229-2327, fax [513] 229-3443; e-mail miner@dayton.bitnet.

Books Received by Isis
May-July 1990

Ahlbick, Tore [Editor]. Old Norse and Finnish Religions and Cultic Place-Names. [Based on papers read at the Symposium on Encounters between Religions in Old Nordic Times and on Cultic Place-Names, held at Abo, Finland, 19-21 August 1987]. 507 pp., illus., figs., bibls. Abo, Finland: Donner Institute for Research in Religious and Cultural History, 1990. [Paper.]


Bronzino, Joseph D.; Smith, Vincent H.; Wade, Maurice L. Medical Technology and Society: An Interdisciplinary Perspective. [New Liberal Arts Series.] xii + 571 pp., illus., figs., tables, app., bibls., index. Cambridge, Mass.: MIT Press, 1990. $29.95.

Continued on next page
MEETINGS & CALLS FOR PAPERS

The program of the 1991 annual meeting of the American Association for the Advancement of Science—to be held in Washington, D.C., 14–19 February—features several events of special interest to historians of science. The History of Science Society will sponsor the George Sarton Memorial Lecture on 17 February, delivered by Kenneth R. Manning, speaking on “The Complexity of Scientific Communities” (see under “Lectures”). For sessions sponsored or cosponsored by Section L (History and Philosophy of Science), see the table. Details of other sessions, registration forms, and housing information appear in recent issues of Science; for further information contact AAAS, 1333 H Street, NW, Washington, DC 20005; (202) 326-6400.

Finally, AAAS has already begun to solicit proposals for symposia, technical sessions, and workshops for its 1992 annual meeting, 6–11 February 1992, in Chicago. For further information contact AAAS [at the above address] and the Secretary of Section L, Edward Manier, Department of Philosophy, University of Notre Dame, Notre Dame, IN 46556.

The 1991 meeting of the American Chemical Society—15–16 April, Atlanta, Georgia—will feature a bicentennial symposium, “Michael Faraday: Chemist and Popular Lecturer.” For further information contact Derek A. Davenport, Department of Chemistry, Purdue University, West Lafayette, IN 47907-3699.

The theme of the 1991 annual meeting of the American Historical Association—to be held in Chicago, 27–30 December—is the Columbian quincentenary. The program committee hopes for a full exploration of perspectives on the event, welcomes proposals for sessions that emphasize comparative approaches to the encounter of European, native American, and African peoples, and especially seeks panels that present alternative viewpoints. The committee also encourages submissions that cover all geographical areas and time periods. Of particular interest would be panels and presentations illuminating the historical background of the current social and political changes in Central and Eastern Europe. Request further information from and submit proposals by 17 February 1991, to Linda Hall, AHA Program Committee, Department of History, University of New Mexico, Albuquerque, NM 87131.

The British Society for the History of Science, the Newcomen Society, and the British Society for the History of Mathematics will jointly sponsor the Babbage-Faraday Bicentenary Symposium at St. John’s College, Cambridge, 5–7 July 1991, to mark the bicentennial of the births of Michael Faraday and Charles Babbage with papers on their lives and works. Speakers will include M. B. Hall, Ivor Grattan-Guinness, Martin Campbell-Kelly, D. R. Carling, J. V. Connolly, M. Wilkes, C. J. D. Roberts, Doran Swade, Alan Bromly, O. I. Franksen, Willem Hackmann, Howard Fisher, Brian Gee, Frank A. J. L. James, David Gooding, and Geoffrey Cantor. There will also be a performance of a play by Maurice Wilkes entitled Pray, Mr. Babbage. For further information contact the BSHS Executive Secretary, 31 High Street, Stamford in the Vale, Faringdon, Oxfordshire, England SN7 8LH.

Cheiron, the International Society for the History of the Behavioral and Social Sciences, will hold its twenty-third annual meeting, 20–23 June 1991, at Slippery Rock University, Slippery Rock, Pennsylvania. It invites submissions of proposals for papers, posters, symposia, and workshops by 1 February 1991; these may deal with any aspect of the history of the behavioral and social sciences or with related historiographical and methodological issues. Request further information from and submit proposals to John A. Mills, Department of Psychology, University of Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0. For local arrangements information contact Richard T. von Mayrhauser, Department of History, Slippery Rock University, Slippery Rock, PA 16057.


Contemporary Trends in the Historiography of Science, organized by the Greek Society for History of Science and Technology, will be held in Corfu, 27 May–2 June 1991. For further information contact Kostas Gavroglu, Department of Physics, National Technical University, Zografou Campus, Athens 157 73, Greece.

The Environment and the Mechanized World is the theme for the 1991 conference of the American Society for Environmental History, to be held 28 February–3 March 1991 at the University of Houston. Sessions will consider a wide range of issues relevant to the modification of the natural world by agriculture, commerce, industrialization, and urbanization. For further information contact Martin V. Melosi, Department of History, University of Houston, Houston, TX 77204-3785; (713) 749-2967.

An international conference, Geography and Empire: Critical Approaches to the History of Geography (18–20 April 1991, Queens University, Kingston, Ontario, Canada) will follow immediately the annual conference of the Association of the American Geographers. It will address the questions “How did the development of geography as a discipline, in a variety of emerging national contexts, contribute to the technics and ideology of empire in its many forms, and how in turn did the experiences of empire mold the development of geography as a discipline and body of knowledge?” For further information contact Neil Smith, Department of Geography, Rutgers University, New Brunswick, NJ 08901; (201) 932-4861, by 15 February 1991.

Getting the Big Picture will be jointly sponsored, in London in May 1991, by the British Society for the History of Science and the London Centre for the History of Science, Medicine, and Technology. This meeting is designed to address “the pressing need, for both research and teaching, for approaches that deal with longer time spans in a variety of national settings.” Speakers will draw on a variety of periods and topics, from the Renaissance to the twentieth century, and the emphasis will be on discussion. The

Continued on next page

AAAS, Section L: Sessions

15 February

Technical Change and the State in the Twentieth Century: Case Studies

Gabrielle Hecht, Eric Schatzberg, David Sharrar, and Raman Srivastava

Creative Couples and Gender Complementarity: Cross-Disciplinary Perspectives

Pina G. Abir-Am, Mary Catherine Bateson, Stephen G. Brush, Audrey B. Davis, Joy Harvey, Peggy Aldrich Kidwell, Helena M. Pycior, Nancy G. Slack, and John I. Stachel

Scientific and Statistical Inferences in Modeling Animal Research

Marcha Coleman-Adebayo, Strachan Donnelly, William DuMouchel, Gerald Tannenbaum, Ethel Tobach, and Leo Wom

16–16 February

The Anthropology of Science and Scientists


16 February

Metaphors and Models in the Brain Sciences; Historical Perspectives

Terrence Deacon, Anne Harrington, Edward Manier, and Christopher Smith

The Interaction of Science and Engineering in the Modern Age

W. Bernard Carlson, David F. Channell, Michael E. Corman, Edwin T. Layton, Jr., John H. Lienhard, and Arthur P. Mollela

17 February

AAAS in Public Affairs: 1848–1975

Michele L. Aldrich, Sally Gregory Kohlstedt, Peter J. Kuznick, Bruce V. Lewenstein, Michael M. Sokal, and Dael Wolfe

The Beginning and the End of the World: Historical Perspectives

Stephen G. Brush, James E. Force, Peggy Aldrich Kidwell, Robert W. Smith, and Frank J. Tipler

Science Policy for Women in Science: Lessons from Historical and Contemporary Case Studies

Pina G. Abir-Am, Daryl E. Chubin, Pat Devaney, Mary Frank Fox, Margrete S. Klein, Barbara B. Mandula, Beatriz Ruiu, Merle Waxman, and Judith S. Weis

Alternative Approaches to Clinical Trials in AIDS: Ethics and Methodology

Samuel Bozette, David P. Byar, James E. Childress, Ellen C. Cooper, Jim Eigo, Susan S. Ellenberg, Loretta M. Kapsal, Robert J. Levine, Paul Meier, Kenneth E. Schaffner, and Rebecca Smith

Tropical Biology: Historical Perspectives and Contemporary Issues

Charles A. Angehr, Arthur D. Fleischer, James N. Gifford, and James A. Korow\n
Beyond Historical Impressionism: Testing Theories of Scientific Change

Arthur L. Donovan, David Faust, David L. Hall, and Frank J. Sulloway

Mathematics in Times of Social Upheaval

Lorraine J. Daston, Charles Ford, Aleskey Lev, Larry Owens, David E. Rowe, and Sanford L. Segal

Knowledge Synthesis: An Ethical Imperative for Policy Development


Reassessing Freud and Psychoanalysis

Morris Eagle, Adolf Grunbaum, J. Allan Hobson, Mardi J. Horowitz, and Frank J. Sulloway

19 February

Science in National Life: A Videohistory Workshop

David H. DeVorkin, Stanley Goldberg, Pamela M. Henson, Ramunas Kondratas, and Nathan Reingold

Neurobiology and Narrative: The Novels and Essay of Walker Percy

The Kurt Gödel Society of Vienna and the Ludwig Wittgenstein Society of Austria will sponsor a seminar, *Sixty Years on Incompleteness*, as part of the fifteenth International Wittgenstein Symposium, Kirchberg/Wechsel, Lower Austria, 18–25 August 1991. Further information is available in North America from Philip Hugly, Department of Philosophy, University of Nebraska, Lincoln, NE 68588; (402) 472-2425.

The organizers of a conference entitled *Interdisciplinary Approaches to Knowledge and Gender*—University of Calgary, 26–29 June 1991—invite submissions of empirical studies and theoretical papers that address the relationship between gender and knowledge. Please send one-page abstracts by 30 January 1991 to Margaret J. Osler, Department of History, University of Calgary, 2500 University Drive, NW, Calgary, Alberta, Canada T2N 1N4; e-mail mjosler@uncamult.

The International Commission on the History of the Geological Sciences will hold its sixth international symposium in Dresden, 9–15 September 1991, on the functions and the significance of museums and collections on the history of the geological sciences. For further information contact Gesellschaft für Geologische Wissenschaften, Invalidenstrasse 43, Berlin, Germany.

The International Commission on the History of Women in Science, Technology, and Medicine, a subunit of the International Union of the History and Philosophy of Science, is planning a conference in August 1991 [exact dates currently uncertain] in Veszprém, Hungary. For further information contact the Commission’s President, Eva Katalin Vamos, National Museum for Science and Technology, Múzeum Krt. 9, 1053 Budapest, Hungary.

Christopher Newport College, James-town-Yorktown Foundation, and the Mariners’ Museum will sponsor an *International Conference on the Columbus Quincentenary*, 9–12 October 1992. It organizes invites both senior and junior scholars to submit topics for papers in the area of “Columbus and His World” by 1 October 1991. For further information contact Timothy E. Morgan, Department of History, Christopher Newport College, Newport News, VA 23606-2998; (804) 594-7158, fax (804) 594-7713.

The second “Working Conference” of the *International History, Philosophy, and Science Teaching* group will be held at Queens University, Kingston, Ontario, Canada, 11–15 May 1992. Following the format of last year’s meeting—which involved nearly three hundred people from twenty countries—papers will be presented in advance kernels the possible, *Educational Philosophy and Theory, Interchange, Journal of Educational Thought*, and the *Canadian Journal of Education*, among other journals, have again agreed to produce special issues. All conference papers will be printed in *Proceedings* that will be published in advance of the conference. For further information on the program contact Michael R. Matthews, School of Education, University of New South Wales, Kensington, New South Wales, Australia. For details on the conference contact Skip Hills, Faculty of Education, Queen’s University, Kingston, Ontario, Canada K7L 3N6; fax 613-545-6584.

Lehigh University and Lafayette College will host a *Leonardo da Vinci Conference*, 18–19 April 1991, devoted to a scholarly analysis of the aesthetic, historic, and technical aspects of Leonardo’s great Sforza Horse. For further information and registration material contact Stephen H. Cutfcliffe, STS Program, Lehigh University, 327 Maginnes Hall, Bethlehem, PA 18015; (215) 758-3350; fax (215) 758-3079.

The Center for Public Issues in Biotechnology of the Maryland Biotechnology Institute, the Center for the History of Microbiology, the University of Maryland–Baltimore County, the American Society for Microbiology, and Physicians for Human Rights will sponsor a conference, *The Microbiologist and Biological Defense Research: Ethics, Politics, and History of Science* Newsletter.

British Commemorate Faraday Bicentennial

The year 1991 marks the bicentennial of the birth of Michael Faraday (1791–1867). Many events will be held in Britain to mark this anniversary. The main historical meeting, on 6–7 July, St. John’s College, Cambridge, is being jointly sponsored by three societies (see “Meetings & Calls for Papers”). There will also be meetings of a more scientific and technical nature held by the Royal Institution, the Royal Society of Chemistry, the Institute of Physics, and the Institution of Electrical Engineers in the week before and the week after the actual day of the anniversary, 22 September. Other meetings—for example, those of the Royal Society of Arts in January and the British Association at Plymouth in August—will have a strong Faraday component to them. In addition, the Post Office will honor Faraday in March with one of the few British stamps commemorating a man of science, and the new £20 note will have Faraday’s portrait on it, the date of issue for this has not yet been announced. The Science Museum, London, will hold a major exhibition on Faraday’s work, which will open in June or July and last for six months. Many books and papers are being published to coincide with this anniversary. These include Volume I of Faraday’s complete correspondence (edited by Frank A. J. L. James), his 1822 notebook (edited by David Gooding and Ryan Tewceny), his European travel diary (edited by Brian Bowers and E. D. P. Symons), a reprint of his papers on physics and chemistry with an introduction of J. M. Thomas), an account of Faraday’s religion (by Geoffrey Cantor), two biographies aimed at wide audiences (by Geoffrey Cantor, David Gooding, and Frank A. J. L. James and by Brian Bowers), and a special issue of *History of Technology* devoted to the history of electrical engineering and technology. In all, Faraday events will be on the same scale as, if not larger than, those held to mark the recent Darwin and Newton anniversaries. On the other hand, they will perhaps be slightly less lavish than the events held in 1931 to mark the centenary of Faraday’s discovery of electromagnetic induction, when the Albert Hall and many other central London locations were hired for the purpose at great expense. —Frank A. J. L. James
International Security, 4–5 April, at the University of Maryland–Baltimore County, Catonsville. For further information contact Raymond A. Zilinskas, Maryland Biotechnology Institute, Baltimore, MD 21228; [301] 455-3708; fax [301] 455-1077.

The Midwest Junto for the History of Science will next meet 5–7 April 1991, at the University of Missouri, St. Louis. For further information about local arrangements and the program contact Jane A. Miller, Department of Chemistry, University of Missouri, St. Louis, MO 63121.

The University of Notre Dame and the Reilly Center for the History and Philosophy of Science will host and sponsor a conference, Natural Images in the History of Economics, 26–29 December 1991, designed to bring together philosophers, economists, and historians of science to evaluate the impact of the methods, mathematical models, and ontologies of the natural sciences upon the structure and content of various schools of economic thought. For further information contact Philip Mirowski, Department of Economics, University of Notre Dame, Notre Dame, Indiana 46556, by 10 March 1991.

The Classics and Ancient Civilization Department of Leiden University will organize an international congress to promote an integrated approach to Problems of Disease and Medicine in Antiquity. Topics under consideration include Patients and Diseases [individual and collective reactions to diseases, the role of medical themes in literature and fine arts], Medicine [the position of medicine within the framework of ancient science and its relation to ancient philosophy; the influence of ideology, religion, and mental outlook on the formation of medical concepts and terminology and on practical therapy; the role of rhetoric and metaphor in medical literature], and Doctors and the Medical Professions [the social position of doctors and other practitioners of medicine, the institutional organization of health care, women and the practice of medicine]. A special section will be devoted to the reception of ancient medicine in neo-Latin literature. Reactions, suggestions, and offers of contributions on these topics are welcome before 1 May 1991. Send all correspondence to H. F. J. Horstmannhoff, Department of Ancient History, Leiden University, Post-box 9515, 2300 RA Leiden, The Netherlands; telephone 071-272664.

The general theme of the 1992 annual meeting of the Renaissance Society of America—Stanford University, 26–28 March 1992—will be “Cross-Cultural Encounters.” Possible topics include the interactions between Europeans and non-European peoples, the preconditions that shaped these encounters, interactions among cultural groups within Europe, internal and external frontiers, the consequences of cross-cultural encounters, and how Europeans and non-Europeans used Renaissance ideas to interpret the encounters and to reshape their world views. Submissions from a wide range of fields and geographic scope are welcome, especially if they involve interdisciplinary panels. The program committee explicitly encourages scholars from art, history, literature, anthropology, cultural geography, and history of science to participate. Submit abstracts of papers or proposals for full panels by 30 April 1991 to Renaissance Society Program Committee, Department of History, Stanford University, Stanford, CA 94305.

The Society for Literature and Science invites proposals for papers and sessions for its 1991 annual meeting—10–13 October, in Montreal—on any aspect of the conference theme, “Science and Literature—Beyond Cultural Construction.” Alternative formats—workshops, debates, poster sessions, roundtable discussions, work-in-progress papers—are enthusiastically invited. Deadline for submission is 1 February 1991. For further information and submission guidelines contact David Lux, Bryant College, 450 Douglas Pike, Smithfield, RI 02917; e-mail ldml116@uriacc.bitnet.

The Society for the Social History of Medicine will meet 5–7 July 1991, at Christ’s College, Cambridge, “to discuss the subject of famine and its interaction with disease and malnutrition across both time and space from Antiquity to the Twentieth Century, not only in Europe, but also in Africa and Asia, . . . and to encourage contributions from those involved in research on famine, disease and nutrition today.” For further information contact Peter Garnsey, Jesus College, Cambridge, England CB5 8L, or John Henderson, 27 Trumpington Street, Cambridge, England CB2 1QA.

The Society will sponsor the George Sarton Memorial Lecture at the annual meeting of the American Association for the Advancement of Science, 17 February 1991, in Washington, D.C. Kenneth R. Manning will speak on “The Complexion of Scientific Communities.” His lecture will trace and portray the composition of scientific communities from the perspective of diversity. How have individuals from certain social, religious, ethnic, racial, and national groups entered the scientific professions? In what ways has the scientific community adapted to changes in the composition—the complexion—of its members? What are the tensions and conflicts involved, and how have they been resolved? To what extent is diversity a medium of enrichment within science? Comparisons will be drawn with other professional groups. The lecture will focus particularly on nineteenth- and twentieth-century scientific communities, especially the inclusion of African-American and other minority scientists.

History of Science Colloquia at Stanford University for the first half of 1991 include Mary Morgan, “Competing Views of Competition in Late Nineteenth-Century America,” 10 January; Svante Lindvist, “Ideology and Engineering Schools: Hannes Alfvén’s Invention of the Trochotron in the 1950s,” 7 February; Eda Kranakis, “Knowledge and Practice: Common Ground between Science and Technology Studies,” 7 March; Mario Biagioli, “Court Culture and Galileo’s Assayer,” 11 April; Vassiliki Betty Smocovitis, “Rethinking the Evolutionary Synthesis,” 9 May. All lectures begin at 4:10 p.m. in Room 305 of the History Building on the Stanford Quadrangle. For further information contact Peter Galison, History of Science, Stanford University, Stanford, CA 94305; (415) 725-0714.

Lectures

Kenneth Manning
Conference on Science and Discovery

REGISTRATION FORM FOR NORTH AMERICAN PARTICIPANTS

NAME

ADDRESS

CITY STATE ZIP

TELEPHONE

ACADEMIC AFFILIATION

REGISTRATION FEE

_____ Regular ($105) _____ Student ($50)

HOTEL RESERVATIONS

DATE OF ARRIVAL DATE OF DEPARTURE

CATEGORY Single room, per day Double room, per day

A $214-230 $262-283

B $95-106 $133-174

C $68-82 $90-110

D $34-62 $45-81

E — $40-45

DEPOSIT (ca. 50% of rate times total number of days)

I wish to share

a room with

EXCURSIONS

DESTINATION Price Per person Number of persons

TOLEDO (Wednesday, 26 June) $52

(full day, lunch included)

EL ESCORIAL (Thursday, 27 June) $32

(half day)

AVILA-SEGOVIA-LA GRANJA $80 TOTAL: $

(Friday, 28 June) (full day,
lunch included)

DEPOSIT (50% of total)

Mail completed form with your check, in U.S. dollars, made payable to the History of Science Society to:

MICHAEL M. SOKAL, HSS Executive Secretary

35 Dean Street

Worcester, MA 01609

(508) 831-5712

DEADLINE: 1 April 1991

Conference on Science and Discovery

REGISTRATION FOR NORTH AMERICAN PARTICIPANTS

All North American participants, whether giving papers or not, should register with the HSS Executive Secretary. To save the inconvenience and expense of dealing with international payments in Spanish currency, HSS will collect [in U.S. dollars] all registration fees and deposits for accommodations and excursions. To register, please complete the attached form and mail it with the correct remittance [made payable to the History of Science Society] by 1 April 1991 to Michael M. Sokal, HSS Executive Secretary, 35 Dean Street, Worcester, MA 01609; (508) 831-5712. For inquiries regarding the program, please contact Thomas F. Glick, Department of History, Boston University, Boston, MA 02215; (617) 353-2551.

STUDENT SCHOLARSHIPS

The local arrangements committee will award a number of scholarships, equivalent to the registration fee, for graduate students wishing to attend. Students who are interested should contact Professor Glick.

TRAVEL GRANTS

Depending upon the success of the Society's own grant-seeking efforts (which began years ago and continue as this issue of the Newsletter goes to press), HSS may be able to award partial travel grants to participants and others. Those interested in applying for these grants [if they become available] should submit a brief letter to the HSS Executive Secretary by 1 April 1991, sketching how they hope to contribute to the success of the conference and how they expect to benefit from it. In the meantime, with support from the Rockefeller Foundation, the Society has awarded several HSS Quincentennial Fellowships to Latin American scholars attending the conference. These grants will enable their recipients both to attend the meeting in Madrid and to continue the collaborative relationships they will have formed in Madrid with North American scholars.

ACCOMMODATIONS, SOCIAL FUNCTIONS, AND EXCURSIONS

The sessions and lectures of the Conference on Science and Discovery will be held in the Cultural Center of the Caja de Madrid, Calle Eloy Gonzalo 10. The schedule of social events accompanying the meetings has yet to be completed. Hotel accommodations can be booked through the HSS Executive Secretary by choosing the category of accommodation and enclosing a deposit. The hotels are located throughout the city; the Caja de Madrid is easily accessible by metro, at the Quevedo stop (Linea 2). Excursions to Toledo, to El Escorial, and to Avila, Segovia, and La Granja are available and can be booked in advance by completing the appropriate portion of the registration form and enclosing a deposit. Please note that the program is organized according to the daily schedule of Madrid, where lunch begins at 2 p.m. and dinner at 10 p.m. Aside from mealtimes, there are three additional half-hour pauses during which refreshments can be obtained at bars and restaurants in the vicinity of the conference.

For further information, contact the secretary of the Spanish organizing committee, María Luisa Ortega, Secretaría del Congreso “Ciencia y Descubrimiento,” Edificio Central Segunda Planta, Universidad Autónoma de Madrid, 28049 Madrid, Spain, fax 341-397-3891.

Cosponsored by the History of Science Society, the Sociedad Española de Historia de las Ciencias, and the Sociedad Latinoamericana de Historia de las Ciencias.

Tuesday, 25 June

1. The Cultural and Scientific Impact of the Discovery on the Islamic World
9:30 a.m.–11:00 a.m.
Organizer and commentator: A. Elena
Chair: R. Rashed
D. R. Hill: The Islamic World and the Discovery of America: Technology Transfer
T. D. Goodrich: Ottoman Views of the New World
N. Parada: El Nuevo Mundo en las crónicas de los viajeros árabes
A. M. Alfonso Goldfarb: La ruta Salvador-Calicut: Un encuentro entre dos mundos

Inaugural Address
11:00 a.m.–11:30 a.m.
I. Bernard Cohen, The New World as a Source of Science and Ideas for Europeans

2. Interdependence and Dependencia
12:00 noon–2:00 p.m.
Chair: L. Pyenson
A. Crosby and F. Karttunen: Indigenous Mesoamerican Appropriation of European Technology, Metrology, and Science in the Colonial Period
P. Emmer: The Two Systems of European Expansion and Agricultural Technology before 1800
D. Headrick: British Technology in India and Latin America: Domination and Dependence
M. A. Dantes: A presencia de tradiciones científicas europeas no Brasil
Commentator: S. Sheets-Pyenson

3. European Science in the New World
3:30 p.m.–5:30 p.m.
Chair: M. Feingold
J. Harvey: Colonialism and French Anthropology in the Nineteenth Century
R. Kargon: Colonizing the New World and the Roots of Modern Science
L. Koerner: The Old Order and the New World: Two Eighteenth-Century Naturalists’ Exploration of Russia and America
V. González Claverán: La exploración del Pacífico mexicano en el siglo XVIII

4. The Worldwide Diffusion of Science
6:00 p.m.–8:00 p.m.
Organizers: J. Sala Catala and A. Lafuente
Chair: G. Basalla
H. Vessuri: Intercambios internacionales y estilos nacionales: Aspectos de la mundialización de la ciencia
P. Petitjean: Scientific Relations as a Crossing of Supplies and Demands of Science: Franco-Brazilian Cases between 1870 and 1940
D. W. Chambers: Defining the Scientific Center, Controlling the Scientific Periphery
A. Lafuente and J. Sala Catalá: Retórica y ciencia en un contexto nacional periférico
Commentator: R. MacLeod

Lecture
8:30 p.m.–9:15 p.m.
Juan J. Saldaña: El descubrimiento del otro como descubrimiento del yo: El significado de las polémicas de la ciencia en América

Wednesday, 26 June

5. The Diffusion of Modern Scientific Traditions in Colonial America
9:30 a.m.–11:30 a.m.
Organizer and chair: L. C. Arboleda
C. A. Léter Mendoza: La introducción de las teorías newtonianas en el Río de la Plata
E. Quevedo: El conflicto entre tradiciones científicas modernas europeas en el campo de la salud en América Latina
M. A. Puig-Samper: Difusión e institucionalización del sistema linneano en España y América
E. Estrella: Linneo en el virreinato del Perú
Commentator: N. Reingold

6. Comparative Perspectives on European Science and New World Societies
12:00 noon–2:00 p.m.
Organizer and chair: J. E. McClellan III
S. Sörlin: Swedish Science and the New World
I. Cauna: Architecture and French Colonialism in the French Antilles of the Eighteenth Century
P. Pluchon: Science, Medicine, and Colonialism in the French Antilles of the Eighteenth Century
T. Meade: Cultural Imperialism in the Old Republic Rio de Janeiro: The Urban Renewal and Public Health Project
O. Moncada: Ciencia en acción: Ingeniería y ordenación del territorio en Nueva España en el siglo XVIII

2000

7. Scientific Associationism in Latin America
3:30 p.m.–5:30 p.m.
Organizers: H. Vessuri and D. Obregón
Chair and commentator: H. Capel
Y. Freites: La Academia Venezolana de Ciencias Físicas, Matemáticas y Naturales (1917–1979)
D. Obregón: Sociedades científicas e institucionalización de la ciencia en Colombia (1859–1986)
L. Rodriguez: La Sociedad Mexicana de Geografía y Estadística en el siglo XIX
S. Figueroa: O Instituto Histórico e Geográfico Brasileiro como espaço institucional para las ciencias naturaes no século XIX

8. The Changing Face of South American Astronomy: Observations and Research in Peru and Chile, 1949 to the Present
6:00 p.m.–8:00 p.m.
Organizer: H. Plotkin
Chair: S. Pinto
H. Alvarez: Contributions to Astronomy from Chile, 1849–1965
O. Gingerich: Contributions to Astronomy from Peru, 1889–1927
P. Keenan: Astronomical Ideas in the Viceroyalty of Peru
H. Plotkin: Harvard's Boyden Station in Peru, 1889–1927
Commentator: A. Ten

Lecture
8:30 p.m.–9:15 p.m.
Thomas F. Glick: Establishing Scientific Disciplines in Latin America: Genetics in Brazil, 1943–1960

Thursday, 27 June

9. Cartography and Cosmography in the Age of Discovery
9:30 a.m.–11:30 a.m.
Organizer: U. Lamb
Chair and commentator: V. Navarro
U. Lamb: Iberian Cosmographers and Their World
L. Albuquerque: Pedro Nunes and Nautical Science
H. Wallis: The Measure of the Earth from Ptolemy to Columbus

10. American Materia Medica in Sixteenth-Century Europe
12:00 noon–2:00 p.m.
Organizer: J. L. Fresquet
Chair and commentator: J. M. López Piñero
J. L. Fresquet: Algunos ejemplos de incorporación de la materia médica española del siglo XVI: Laguna, Fragoso, Calvo

J. Pardo and M. L. Terrada: La materia médica americana en las relaciones de viajes y las crónicas de Indias del siglo XVI
M. Rippa Bonati: Incorporación de la materia médica americana en Italia en el siglo XVI: Mattioli
J. Vilches: Materia médica y aculturación en Nueva España

11. Context in Colonial Medicine
3:30 p.m.–5:30 p.m.
Organizer: A. Laberge
Chair and commentator: J. Pickstone
C. Hannaway: Distinctive or Derivative? The French Colonial Experience, 1740–1790
J. H. Warner: Cultural Nationalism and Tropical Fevers: Models of Colonial Medicine in the Pre–Civil War American South
M. Sutphen: Plague, Race, and Segregation: British Colonial Response to Contamination in Cape Town
A. Laberge: The Conquest of Algeria and the Discourse on Public Health in France, 1830–1850

12. The New Social History of Medicine in Latin America: Local, National, and International Contexts
6:00 p.m.–8:00 p.m.
Organizer and chair: N. Stepan
D. Armus: The Hygienic City: Latin American and European Visions
J. Pear: The Escola Tropicalista in Brazil in National Context
E. Zimmerman: Race, Medicine, and Social Reform in Argentina, 1900–1920
S. Restrepo: Infectious Diseases in Colombia and the Spread of Medical Knowledge, 1890–1930
Commentator: L. Urteaga

Lecture
8:30 p.m.–9:15 p.m.
José Luis Peset: Ciencia e independencia en la América española

Friday, 28 June

9:30 a.m.–11:30 a.m.
Organizers: J. Sánchez and G. Mira
Chair and commentator: J. Sánchez
P. Bakewell: Condiciones y determinantes de la producción minera hispano-colonial: Aspectos comparativos del desarrollo técnico en México y Perú (siglos XVI–XVII)
R. Sánchez Flores: Evolución de las técnicas de acuencia de moneda en el México colonial (siglos XVI–XVIII)
C. Sempat Assadourian: Expansión europea y tecnología: La minería como complejo tecnológico en la conformación de una sociedad colonial (América en el siglo XVI)
14. Natural History in the Colonial Policies of the Enlightenment
12:00 noon—2:00 p.m.
Organizer: J. Puerto
Chair and commentator: S. Mauskopf
J. Puerto and A. González Bueno: El papel de la botánica en el modelo colonial español
P. Aceves: Política botánica metropolitana en los virreinatos del Perú y Nueva España
M. Ardila: Política colonial británica e historia natural en Nueva Inglaterra
J. Chenu: Política y botánica en el virreinato de Nueva Granada

15. Toward Modernity: Science in Underdeveloped Scientific Communities
3:30 p.m.—5:30 p.m.
Organizers: A. Moreno and J. M. Sánchez Ron
Chair: M. Roche

BOOKS—continued from page 18

Duschl, Richard A. Restructuring Science Education: The Importance of Theories and Their Implications. xvii + 155 pp., figs., tables, bibl., index. New York: Teachers College, Columbia University, 1990. $29.95 (cloth); $15.95 (paper).


Fancher, Raymond E. Pioneers of Psychology. xiv + 458 pp., illus., figs., bibl., index. New York: Oxford University Press, 1979. $29.95 (cloth); $15.95 (paper).

Feingold, Mordechai [Editor]. Before Newton: The Life and Times of Isaac Barrow. xii + 380 pp., figs., index. Cambridge/New York: Cambridge University Press, 1990. $49.50.


Fitzgerald, Deborah. The Business of Breeding: Hybrid Corn in Illinois, 1890—1940. xiv + 421 pp., illus., fig., bibl., index. Ithaca, N.Y.: Cornell University Press, 1990. $29.95.


Franklin, Allan. Experiment, Right or Wrong. x + 230 pp., figs., tables, app. New York: Cambridge University Press, 1990. $44.50.


García Tapia, Nicolás. Ingeniería y arquitectura en el Renacimiento español. [Historia y Sociedad, 11.] 552 pp., illus., figs., tables, apps., bibl. Valladolid, Spain: Secretariado de Publicaciones, Universidad de Valladolid, 1990. [Paper.]


Gohau, Gabriel. Les sciences de la terre aux XVIIe et XVIIIe siècles: Naissance de la géologie. [La Collection "L'Évolution de l'Humanité."] 420 pp., illus., figs., bibl., indexes. Paris: Albin Michel, 1990. [Paper.]


PRIZE COMPETITIONS

HSS PRIZES

Submissions are invited for the various 1991 HSS prizes for books, articles, and graduate student essays in the history of science. These prizes will be awarded at the annual meeting in Madison, Wisconsin, in October 1991. The Committee on Honors and Prizes reminds all HSS members that the Society has honored with special citations exceptionally meritorious publications that are not otherwise eligible for one of the Society's prizes. In this way, several years ago, the Society recognized the Dictionary of Scientific Biography. Please submit your nominations for such citations to the chair of the committee, Hamilton Cravens, 465 Myrtle Court, Benicia, CA 94510.

The Pfizer Award, consisting of a medal and a cash prize of $2,500, was established in 1958 through the generosity of Pfizer, Inc., and is the highest honor awarded by the History of Science Society for a work of scholarship. Any original book published in English—either as the original language or in translation—that deals in a substantial way with the history of science is 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., 1988, 1989, and 1990—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 1991 committee, Stanley Goldberg, 465 Myrtle Court, Benicia, CA 94510.

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, contributed annually by Audrey and Miles Davis. To be eligible for consideration books should be copyright in the preceding three years—i.e., 1988, 1989, and 1990—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 1991 committee, Stanley Goldberg, 504 Third Street, SE, Washington, DC 20003. All nominations must be received by 15 May 1991.

The History of Women in Science Prize of $500 was first awarded in 1987. It is supported by a still-incomplete endowment fund, to which several anonymous donors and the Kovalevskia Fund have made multiyear pledges; the Society would, of course, welcome additional pledges and contributions. For 1991, the prize will be awarded for a book, eligible books may take a biographical, institutional, theoretical, or other approach. 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., 1987, 1988, 1989, and 1990—are eligible for nomination for the 1991 prize. The History of Women in Science Prize committee will solicit nominations from major scholarly publishers in the history of science, technology, and medicine, the history of women, and other fields deemed appropriate. HSS members and others are also urged to submit nominations to the chair of the 1991 committee, Clark A. Elliott, University Archies,

Awards, Honors & Appointments

The Charles A. Dana Foundation has honored David P. Billington for "pioneering achievements in higher education."

Loren Graham has received a four-year grant from the MacArthur Foundation to direct a series of USA-USSR workshops on "Science and Technology with a Human Face" (see under "Short Courses & Workshops").

Anita Guerrini has been awarded a Bernadotte Schmitt Grant from the American Historical Association.

Caroline Hannaway has been named Director of the Francis C. Wood Institute for the History of Medicine at the College of Physicians of Philadelphia.

Thomas P. Hughes has received the John Desmond Bernal Award of the Society for the Social Studies of Science for 1990.

Evelyn Fox Keller, who currently serves as President of the West Coast History of Science Society, has received the 1990 American Association of University Women Achievement Award.

Martin J. Klein has been elected vice-chairperson of the American Physical Society's Division of History of Physics for 1990.

Marcel C. LaFollette has become Editor-in-Chief of Knowledge: Its Creation, Dissemination, and Utilization.

Philip Mirowski has been named Carl E. Koch Distinguished Professor of Economics and a fellow of the Reilly Center for the History and Philosophy of Science at the University of Notre Dame.

Edward K. Morris has recently been elected a Fellow of the American Psychological Association and president-elect of the Association for Behavior Analysis. He was also named editor of the Newsletter of the APA Division of the Experimental Analysis of Behavior.

The Third World Academy of Sciences has presented its second history of science prize of $10,000, for the "best research essay highlighting the major achievements of a Third World scientist prior to the twentieth century." to Roshdi Rashed for his essay "Burning Mirrors and Lenses in the Tenth Century: The Beginning of Anaclastics."

William A. S. Sarjeant has received the Sue Tyler Friedman Medal of the Geological Society of London for distinguished work on the history of the earth sciences.
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 1991 Schuman Prize, students must submit— to Hamilton Cravens, 465 Myrtle Court, Benicia, CA 94510; (707) 747-6828, by 1 June 1991—documentation of graduate 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 1991 will be returned without being read. The winner of the prize will be reimbursed for travel to the Madison 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 Executive Committee of the History of Science Society invites nominations for the 1991 **Sarton Medalist** and the 1992 **Sarton Lecturer.** Nominations may be sent to the Society's Executive Secretary, Michael M. Sokal, and should arrive before 15 April 1991. The Sarton Medal—originally designed by Bern Dibner and still supplied by the Burndy Library—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.

**OTHER COMPETITIONS**

The American Association for the History of Medicine annually awards two student prizes for unpublished essays in the history of medicine: the **William Osler Medal** for medical students and the **Richard H. Shryock Medal** for graduate students in the humanities and social sciences. The winners of both awards will be invited to attend the Associa-
Meeting Reports


On the first evening the Manuscript Department of Duke’s Perkins Library hosted a reception honoring Dorothy Morgenstern Thomas and her gift to Duke of the papers of her late husband, Oskar Morgenstern. This conference was the first detailed look at the history of the development and reception of the theory of games; papers were organized into four sessions. The first concerned “The Beginnings,” with examinations of RAND’s involvement, early work on strategic games, and Morgenstern’s role. “The Early Period” discussed the respective backgrounds and partially meshed interests of John von Neumann and Morgenstern and examined the citation patterns of early contributors. The session “Developing the Subdiscipline” examined the roles of Princeton and Michigan in disseminating the new ideas. A final session, on “Game Theory and Other Disciplines,” opened up the discussion of how the theory moved into political science, philosophy, and experimental economics. The papers, with some additional material, will appear in a special issue of the History of Political Economy in 1992 and will be published as a book by Duke University Press, both under the editorship of E. Roy Weintraub.

For further information contact Professor Weintraub at the Department of Economics, Duke University, Durham, NC 27706; fax (919) 684-8974.

—E. Roy Weintraub

Representing and Understanding the Natural World: Science in Western Culture formed the overarching theme of the University of Oklahoma Centennial Conference on the History of Science, held in Norman, 6–8 September 1990, with the cosponsorship of the Oklahoma Foundation for the Humanities and the History of Science Society. Each session featured high-quality papers and formal comments, attendance ranging from about one hundred to well over two hundred, the active participation of significant numbers of graduate students and...
unaffiliated junior scholars (whose presence was made possible by support from the HSS Thematic Meetings Program), and good fellowship that promoted lively discussion. The organizers arranged the conference around four themes, with authors and commentators as follows: *Science, Language, and Image*: William B. Ashworth, Robin E. Rider, Henry E. Lowood, and Douglas Lane Patey; *The Construction of Scientific Knowledge*: Ronald N. Giere, Frederick L. Holmes, and Jane Maienschein; *Science and the Exercise of Power*: Michael A. Osborne, Theodore M. Porter, and Margaret W. Rossiter; and *The Human Place in Nature*: Lorraine J. Daston, Katharine Park, Donald E. Worster, and Gregg A. Mitman. Special events included a major lecture by George Levine, "By Knowledge Possessed: Darwin, Nature, and Victorian Narratives," and a closing banquet that featured a talk by Duane H. D. Roller. Others with formal conference roles included David B. Kitts, Marilyn B. Ogilvie, Mary Jo Nye, and Robert A. Nye. —**Kenneth L. Taylor**

As reported in the last issue of the *HSS Newsletter* (p. 15), the Istituto Italiano per gli Studi di Filosofici sponsored an international conference on *Science and Rhetoric* at Forio d'Ischia, 14–16 June 1990. This gathering brought together well-known historians of science, philosophers of science, and some who found it hard to tell the difference between the two. Their papers examined the role of rhetoric in different historical periods and in different scientific contexts; Darwin's rhetoric, the origins of the relativity theory, Galileo, Newton and the seventeenth century—all received some attention. Rhetoric was examined as to its function in the introduction of new scientific ideas, the development and expansion of theories and, more abstractly, in terms of its rational structure. The papers presented argued that the rhetoric in science should not be conceived as mere stylistic embellishment, but rather as forms of argumentation that differ from standard logical models, deductive and inductive (if there are any of the latter). In general, the papers focused on the epistemic value and constitutive role of rhetoric in scientific practice. In this sense, some claimed, rhetoric as a form of rational discourse provides an answer to those critics of science who, disappointed after the crisis of methodology, have argued for the necessity of philosophical anarchy and nihilism. To these speakers, rhetoric is the antidote to the disease of postmodern mannerism. The papers from the conference will be published simultaneously in English by Neal Watson and in Italian by Laterza. —**Peter Machamer**

A symposium entitled *The Secularization of Science* was held at the University of Wisconsin, Madison, 21–22 September, with generous support from the Dibner Fund and from the Anonymous Fund of the University of Wisconsin. The authors of the papers were Michael Heyd, Shirley A. Roe, Nicolaas A. Rupke, David B. Wilson, Robert J. Richards, and Deborah J. Coon. Frank M. Turner gave the keynote address. Lynn S. Joy, Phillip R. Sloan, Joe D. Burchfield, Daniel M. Siegel, Lynn K. Nyhart, and Jon H. Roberts served as commentators. The papers and commentaries sparked much lively debate and helped to bring out the complexities of the subject, particularly the importance of distinguishing between tendencies within science toward "desacralization" and tendencies of the scientific community toward "declericalization." For further information contact the organizers, David C. Lindberg and Margaret Schabas, at the Department of the History of Science, University of Wisconsin, Madison, WI 53706. —**Margaret Schabas**

An international symposium, *Theodosius Dobzhansky and the Evolutionary Synthesis*, was held in Leningrad, Russia, USSR, 17–19 September 1990. The symposium was held under the auspices of the Subcommission on the History, Philosophy, and Social Studies of Science of the Joint US–USSR Commission on the Humanities and the Social Sciences of the ACLS and the USSR Academy of Sciences; it was hosted by the Leningrad Center of the USSR Academy of Sciences and the International Foundation for the History of Science (Leningrad). The cochairmen (both in the front row of the picture) were Sergei G. Inge-Vechtomov (Department of Genetics, Leningrad University) and Mark B. Adams (Department of History and Sociology of Science, University of Pennsylvania). Other organizers were Michael B. Konashev, Nikolai L. Krementsov, and Sergei Orlov. Speakers from North America were Dobzhansky's daughter, Sophia Coe, and Mark Adams, Garland Allen, John Beatty, Richard Burian, Scott Gilbert, Robert Kohler, Diane Paul, William Provine, Michael Ruse, Charles Taylor, and Bruce Wallace. Loren Graham, Daniel Todes, and Douglas Weiner also participated.
PUBLICATIONS

The Bulletin of the History of Archaeology will begin publication in May 1991 to provide a forum for short essays and reports, to share current work, to encourage discussion of books and journal articles, and to publicize relevant archival sources. The Bulletin solicits contributions from those interested and those doing research in the history of archaeology. Annual subscriptions are available at $5.00 (for U.S. delivery) and $8.00 (for airmail delivery overseas). Direct all editorial and subscription correspondence to Douglas R. Givens, Bulletin of the History of Archaeology, Department of Behavioral Science, Saint Louis Community College at Meramec, 11333 Big Bend Blvd., Saint Louis, MO 63122; (314) 966-7500; fax (314) 966-0649.

The DAAD/Monatsshefte Directory and German Studies Database Project is nearing completion. The directory will be available in late spring or early summer 1991. Departments and individuals who have not yet responded to questionnaires or who have not submitted updates are urged to do so immediately. In particular, colleagues in fields outside traditional German or foreign language departments—history, political science, art history, philosophy, economics, and other related fields—are especially urged to submit data. Questionnaires can be obtained from the Department of German, University of Wisconsin, 818 Van Hise Hall, 1220 Linden Drive, Madison, WI 53706; (608) 262-3008 or (608) 262-2192. Entries and updates must be received by 15 January 1991.

The Institute for Research in Classical Philosophy and Science and Garland Publishing, Inc., are pleased to announce a new series, Sources and Studies in the History and Philosophy of Classical Science. This series focuses on the classical sciences [e.g., mathematics, astronomy, harmonics, optics, mechanics] in Western and Near Eastern culture from antiquity to the 1700s, the time of Newton and the beginning of the modern era. It aims to make fundamental texts in the history of the classical sciences accessible to the modern reader, through translations and interpretations that satisfy the requirements of specialists but still address the needs of nonspecialists and general readers. Scholars are invited to submit proposals and manuscripts to the series editors [Alan C. Bowen and Francesca Rochberg-Halton], Institute for Research in Classical Philosophy and Science, 1314 Browning Road, Pittsburgh, PA 15206-1736. Information about purchases and subscriptions is available from Garland Publishing, Inc., 136 Madison Avenue, New York, NY 10016; (212) 686-7492; fax (212) 889-9399.

Ethics and Technology in Context: Medicine, Computers, the Third World is a desktop-published booklet that collects the GTE-sponsored lectures of Wiebe Bijker [Univ. Limburg], Deborah Johnson [Rensselaer Polytechnic], and Stewart Oakley [California State Univ., Chico]. It is available gratis, while supplies last, from the Center for the Study of Ethics in the Professions, Illinois Institute of Technology, Chicago, IL 60616.

The announcement about Landmarks of Science that appeared in the October 1990 issue of the HSS Newsletter (p. 9) reported an incorrect telephone number for its publisher, Readex Microprint Corporation. Readex’s correct address and telephone numbers are 58 Pine Street, New Canaan, CT 06840-5408; (800) 762-8182 or (203) 966-5906; fax (203) 966-6254.

The editorial offices of Zygon: Journal of Science and Religion have moved to 1100 East 55th Street, Chicago, IL 60615. The journal is now published by Basil Blackwell, Inc., 3 Cambridge Center, Suite 302, Cambridge, MA 02142.

BOOKS—continued from page 25

Habfast, Claus. Grossforschung mit kleinen Teilchen: Das deutsche Elektronen-Synchrotron DESY 1956-1970. xii + 286 pp., illus., figs., tables, bibl., index. Berlin: Springer-Verlag, 1989. DM 65.


Hunter, Michael; Schaffer, Simon (Editors). Robert Hookes: New Studies. x + 310 pp., illus., figs., tables, bibl., index. Suffolk/Wolfeboro, N.H.: Boydell Press, 1989. $67.

Hutchinson, John E. Politics and Public Health in Revolutionary Russia, 1890-1918. (Henry E. Sigerist Series in the History of Medicine.) xxi + 253 pp., illus., map, bibl., index. Baltimore: Johns Hopkins University Press, 1990. $42.


Innovation technologique et civilisation (XIe-XVe siècles). xx + 435 pp., illus., figs., tables, bibls. Paris: Editions du Centre National de la Recherche Scientifique, 1989. (Paper.)

Jakab, Peter L. Visions of a Flying Machine: The Wright Brothers and the Process of Invention. (Smithsonian History of Aviation Series.) xvi + 263 pp., illus., figs., bibl., index. Washington, D.C.: Smithsonian Institution Press, 1990. $22.50.


Klein, Julie Thompson. Interdisciplinarity: Theory, History and Practice. 331 pp., figs., tables, bibl., index. Detroit: Wayne State University Press, 1990. $34.95.


The Beckman Center for the History of Chemistry presents three historical exhibits on developments in twentieth-century chemistry. “Structures of Life” illuminates the merging of chemistry and biology through accounts of the discoveries of the structures of important molecules, including myoglobin, hemoglobin, lysozyme, DNA, and ATCase. Illustrations by artists and scientists, including Irving Geis and Arthur Olson, and others depict protein molecules and viruses. “Scaling Up” pays tribute to the engineers who transform laboratory reactions into large-scale production facilities. The exhibit traces the history of the teaching of the “scaling up” process in general and discusses practical applications, including petroleum refining and penicillin production. “Polymers and People” outlines the history of polymer science and technology. It focuses on the people who developed plastics, rubbers, and resins, as well as the manufacture of these polymers, and concludes with a discussion of the increasing role polymers will play in our future. The only charge incurred by the host institution is the cost of shipping the exhibits, on a carrier of choice, to their next destinations (approximately $200). For further information contact Exhibits, BCHOC, 3401 Walnut Street, Suite 460B, Philadelphia PA 19104-6228, (215) 898-4896; fax (215) 898-3327.


Exhibits

To be continued in next issue