The Poverty of Science Wars
by Frederick Gregory

Charles Rosenberg began the proceedings with the observation that Tom had not anticipated in 1962 nor did he approve in 1996 the "science wars" and polarized antipathies that emerged in the wake of his success. Yet it is undeniable that after the Structure was published science had been brought, as Charles put it, "into the realm of the temporal, the contingent, the negotiated." The Pandora's Box of epistemological and social privilege scientists enjoyed prior to Kuhn's time had been opened. Yes, Charles continued, science had been moved from the timeless to the mundane. Yes, few scientists remained noble and disinterested seekers after truth in their ethnographer's account. And yet nowhere did Tom Kuhn assume that he had forced historians or anyone else to declare that the human circumstances of a scientific discovery were more important than the discovery itself, as if one had to choose between mutually exclusive factors.

Another plenary session participant, Angela Creager, was particularly unhappy with what she called the "dichotomous misrepresentation" of the fields of science and science studies by media bent on sensationalizing. Actual exchanges among scientists reveal a variety of diverse opinions about the status of scientific knowledge just as among science studies scholars there is and has been a spectrum of views about relativism. But all these differences have been flattened into "science wars" by protagonists on both sides and the result has been that the relationship between scientists and historians has too often of late been determined by media and their interests. The testimony of all four participants in the plenary session betrayed that their experience of interaction between historians and scientists has been and remains nothing like what has been depicted in the attacks that make headlines.

The last two speakers in the session stressed the pragmatic benefits of constructive interaction. Evelyn Fox Keller suggested that historians and philosophers of science might even play a facilitating role for scientists who have become overly invested in existing theory, provided there is mutual respect between the scientists and historians and provided the latter possess technical competence necessary to understand the science in question. Sylvan Schweber reminded us of the key role scientists played in transforming the university after World War II into places where research and scholarship flourished in relative freedom. He drew a parallel between scientists then and intellectuals today, urging us in the present to be wary of an ominous new transition that threatens to commercialize research. Should we abandon our responsibility as Kulturträger by becoming Kulturkämpfer we become expressions of the very forces that threaten the academy.

No one, it would seem, found anything good at all in the extreme positions that have been trumpeted about in public. And neither, I am convinced, would Tom Kuhn. So what was it that Tom brought to an end? Why did I have the sense that the end of something had been marked? The answer, for me, is that after Kuhn's work science could never again be captured by any simple or even homogeneous set of categories. That means that no individuals, including scientists and historians, can any longer claim to be the "true" spokespersons for science and/or its history. It is really just a matter of learning how to have mutual respect.
"Beyond Lecture" Fills a Need

Four historians of science presented creative teaching methods to a standing-room-only-crowd at the Committee on Education's Workshop in Atlanta. Paul Farber introduced the program by explaining how he uses role playing in his courses. During a class session in a course on the history of the theory of evolution, Farber asks students to adopt the personae of Cambridge University faculty who must consider the suitability of The Origin of the Species for an undergraduate text. Working in small groups, students debate the issues, then report to the entire class. Afterwards, each student writes a review of The Origin from an 1860s perspective. The element of surprise (the role playing activity is not announced in advance), coupled with the specific goal for the assignment (written reports) produces lively and intelligent discussions and thoughtful, intelligent papers.

Upon being asked about the time needed for this activity, which could be used for content, coverage, Farber’s response was unequivocal. "We tend to think," he stated, "that what we have to say is so important that we can’t afford to take 20 minutes from lecture time. Yet," he emphasized, "students probably remember more from the role playing exercise than from anything else in the course." Farber can be contacted at Oregon State University's Department of History (Milam Hall 306, Corvallis, OR 97331-5104; phone: 503-737-1273; email: farberp@cla.orst.edu).

Al Van Helden next gave an overview of the Galileo Project, a hypertext information source on Galileo’s life and work and on the science of Galileo’s time. Van Helden has students use the Galileo Web Page (which he developed at Rice University) outside of class, thereby leaving more class time for discussion. This monumental, visually appealing project includes large quantities of text, maps, images, and other resources, including a timeline and a database on the scientific community of the 16th and 17th centuries. By selecting different rooms in Galileo’s villa, the use can trace any aspect of Galileo’s life or career.

The Galileo Web Page is available at: http://www.rice.edu/Galileo. Questions and comments can be sent to by email to: (Continued on page 3)
News of the Society

(Continued from page 2)
"Beyond Lecture . . ."

galileo@rice.edu. Or contact Van Helden at Rice University (Department of History, P.O. Box 1892, Houston, TX 77251-1892; phone: 713-527-4947; email: helden@rice.edu).

Dan Siegel showed how he uses demonstration experiments in an Integrated Liberal Studies/History of Science course. Demonstration experiments, Siegel contends, convey the variety of uses of experiment in science with clarity, vividness, and verisimilitude unattainable with lectures and slides alone. Further, students find the demonstration technique interesting, exciting, and often humorous, as Dan was able to show us. Students have represented Dan and his accompanying apparatus in an amusing cartoon, nicknaming him the "King of Flame." Some of the demonstrations Siegel uses are a reproduction of Oersted's discovery of magnetic effects produced by electric current; tops, gyroscopes, and colliding pendulums with Newton’s Principia; and a fire cylinder, a paddle wheel, and an electric generator to approximate Joule's experiments on the conversion of mechanical work to heat.

Siegell pointed out some philosophical problems inherent in this approach. For instance, much of the demonstration apparatus either was not available, or does not replicate exactly, the equipment used in the actual historical experiments. The audience did not pursue this issue. Siegel can be reached at the University of Wisconsin (Department of History of Science, 7143 Social Science, 1180 Observatory Drive, Madison, WI 53706; phone 608-262-1406; email: d.siegel@facstaff.wisc.edu).

Joan Richards' humorous recounting of the origin, development, and use of her interdisciplinary unit on Galileo formed a fitting finale to the workshop. In collaboration with a colleague in the physics department at Brown University, Richards developed a project in which students build telescopes with simple materials, then use them to make observations. Afterwards, students, who have read Galileo's Sidereus Nuncius before beginning the telescope activity, write essays in which they reconsider the Galileo affair in the light of their own experiences. Through grappling with the limits of the equipment and their own limits of observation, students gain insight into some of the complexities of the Galileo affair. Richards showed examples of student work, which vividly demonstrated the effectiveness of this teaching method.

Richards brought student handouts to the workshop, which include instructions for making the telescopes. Copies can be obtained from Marjorie Malley (1934 South Dewey Avenue, Bartlesville, OK 74003; phone: 918-336-4537). Or contact Richards at Brown's Department of History (Providence, RI, 02906; phone 401-863-2131; email: hj706000@brownvm.bitnet).

As an outreach project, the Committee on Education decided to invite local educators to this workshop. Thanks to the efforts of Bow Van Riper, a number of Atlanta area teachers attended. The enthusiastic response of attendees to the presentations underlined their high interest in teaching methods which go "beyond lecture." It was proposed by audience members, and seconded by acclamation, that this workshop become an annual event. The Committee on Education plans to sponsor a similar session at the 1997 meeting in San Diego.

-- Marjorie Malley
HSS Committee on Education

Constance Malpas Named New HSS Executive Assistant

Constance Malpas (Princeton University) joined the HSS Executive Office as the new Executive Assistant on 1 October. Many of you may have met Constance at the HSS Registration Desk in Atlanta. You may remember her as the one person at the annual meeting who managed to keep us all organized!

Constance comes to Seattle from Paris, where she was working on completing her dissertation ("Disease and Deformity in French Science of Monsters, 1815-1848"). She will soon defend the dissertation, on which she has been working with Gerald Geison. In addition to her work with the Society, Constance plans on maintaining her scholarly career and has already secured a courtesy appointment in the University of Washington's Department of History.

Constance brings her considerable organizational skills to the Executive Office, where she will gradually assume all day-to-day activities of the Society. She is excited by the numerous opportunities of the position and is eager to hear from the Society's members. Drop her an email message (hssexec@u.washington.edu), give her a call (206 543-9366), and write a note to her in care of the HSS Executive Office (Box 351330, University of Washington, Seattle, WA 98195-1330).
HSS Officers, Editors, & Committee Chairs for 1997

HSS members are urged to consult this list to contact those with oversight responsibilities for specific HSS programs and activities

Executive Committee (HSS Officers):
President, Frederick Gregory, Department of History, University of Florida, 4131 Turlington Hall, Gainesville, FL 32611; 904-392-0271; Fax: 904-392-6927; email: gregory@nervm.nerdc.ufl.edu.

Vice-President, Albert Van Helden, Department of History, Rice University, P.O. Box 1892, Houston, TX 77251-1892; 713-527-4947; Fax: 713-285-5207; email: helden@rice.edu.

Executive Secretary, Keith R. Benson, History of Science Society Executive Office, Box 351330, University of Washington, Seattle, WA 98195-1330; 206-543-9366; Fax: 206-685-9544; email: hssexec@u.washington.edu.

Treasurer and Chair, Committee on Finances, Marc Rothenberg, Joseph Henry Papers (MRC 429), Washington, DC 20560; 202-357-2787, ext. 18; email: jhpen002@sivm.bitnet.

Editor, Margaret Rossiter, ISIS Office, 726 University Avenue, #201, Cornell University, Ithaca, NY 14850; 607-254-4747; Fax: 607-255-0616; email: isis@cornell.edu.

Chairs of Standing Committees:
Committee on Education, Marjorie Malley, 1934 South Dewey Avenue, Batzdorff, OK 74003; 918-336-4537.

Committee on Honors and Prizes, Richard G. Olson, Department of Humanities and Social Sciences, Harvey Mudd College, Claremont, CA 91711; 909-621-8000, ext. 4476; Fax: 909-621-8465; email: olson@thuban.hmc.edu.

Committee on Meetings and Programs, Garland Allen, Biology Department, Washington University, St. Louis, MO 63130; 314-935-6808; Fax: 314-935-4432; email: allen@biodec.wustl.edu.

Nominating Committee, Joan Cadden, History Department, Kenyon College, Gambier, OH 43022; 614-427-5320; Fax: 614-427-3077; email: cadden@kenyon.edu.

Committee on Publications, Seymour Mauskopf, Department of History, 226 Carr Building, Box 90719, Duke University, Durham, NC 27708-0719; 919-684-2581; Fax: 919-681-7670; email: shmaus@acpub.duke.edu.

Committee on Research and the Profession, Susan Lindee, Department of History and Sociology of Science, University of Pennsylvania, 3440 Market Street, Suite 500, Philadelphia, PA 19104-3325; 215-898-2271; Fax: 215-573-2231; email: mlindee@mail.sas.upenn.edu.

Chairs of Subcommittees
Committee on Diversity, Michele Aldrich, 24 Elm Street, Hatfield, MA 01038; 413-247-5828; email: aldrich@aaas.org.

Committee on Independent Scholars, Jole Shackelford, 992 Portland Avenue, St. Paul, MN 55104-7036; 612-227-4691; email: shack001@maroon.tc.umn.edu.

Women’s Caucus, Peggy Kidwell, Mailstop 636, NMAH, Smithsonian Institution, Washington, DC 2022-357-2392 and Karen Rader, STS Program, MIT, E51-006, Cambridge, MA 02139; 617-253-3290; Fax: 617-255-8118; email: krader@mit.edu.

North American Committee, Dibner Visiting Historians of Science Program, Bernard Lightman, Office of the Dean of Arts, 5932 Ross, York University, 4700 Keele Street, North York, Ontario M3J 1P3 CANADA; 416-736-5260; Fax: 416-736-5641; email: lightman@vm2.yorku.ca.

Others:
Washington Representative, Ronald S. Calinger, Department of History, Catholic University of America, Washington, DC 20064; 202-319-5484.

Editor of Current Bibliography, John Neu, Memorial Library, University of Wisconsin, Madison, WI 53706; 608-262-0621; email: neu@vms.macc.wisc.edu.

Every four years, many of us decry the observation that less than 50 percent of the American voters exercise their right to vote. Yet, we have a much poorer record of voting in the History of Science Society. Over the past six years, less than 10 percent of the members in our Society vote in the annual election. Surprisingly, this is much less than the percentage of our members who attend the annual meeting!

Joan Cadden (chair) and the HSS Nominating Committee selected another superlative slate of candidates to stand for election to HSS offices, including the two outstanding nominees for Vice-president. Please examine the following slate with care. Ballots will be sent in the April Newsletter.

NOMINATIONS

For Council:
Daniel Alexandrov (Russian Academy of Sciences)
Paula Findlen (Stanford)
Michael Sokal (WPI)
Peter Sobol (Wisconsin)
Karen Reeds (Independent Scholar)
Hal Cook (Wisconsin)
Naomi Oreskes (TK)
Gregg Mitman (TK)
Peter Dear (Cornell)
Mario Biagioli (Harvard)

For Nominating Committee at-Large:
Pamela Mack (Clemson)
John Servos (Amherst College)
Muriel Blaisdell (Miami University, Ohio)
Katharine Park (Wellesley)

For Nominating Committee from Council:
Paul Farber (Oregon State)
Loren Graham (Harvard, M.I.T.)
David Lindberg (Wisconsin)
Jane Maienschein (Arizona State)
Mary Terrall (Harvard)

Please, do not forget to vote and to encourage your colleagues to vote!
Gerald Holton Honored

Harvard University and the American Academy of Arts and Sciences honored Professor Gerald Holton, the Mallinckrodt Professor of Physics and Professor of the History of Science at Harvard, by hosting a meeting, "Science in Culture: A Conference in Tribute to the Work of Gerald Holton," on 12 October 1996 in Cambridge. Among those either presenting a paper or presenting personal remarks were Harriet Zuckerman (Mellon Foundation), Everett Mendelsohn (Harvard), Lorraine Daston (Max Planck Institute, Berlin), James Ackerman (Harvard), E.O. Wilson (Harvard), Peter Galison (Harvard), Harvey Brooks (Harvard), Robert S. Cohen (Boston University), Martin Klein (Yale University), Yehuda Elkana (Tel-Aviv University), Patricia Graham (Spencer Foundation), and Steven Weinberg (University of Texas). Certainly all of us in the History of Science Society are well aware of Professor Holton's many contributions to our profession and we are pleased to note this fine event.

Sponsor-a-Scholar REMINDER

The Society's highly successful "Sponsor-a-Scholar" is entering its third year. For 1996, HSS members sponsored the membership of 21 scholars, all of whom would not be able to receive the benefits of HSS membership because of currency problems in their country.

Beginning this year, we will solicit sponsors in the October and January Newsletters. Sponsoring scholars will then receive membership for the calendar year 1997. As you may remember, the University of Chicago Press has agreed to provide the "student-rate" for sponsored scholars; the HSS Executive Office bills members $35.00 for each sponsored scholar. Annually, those who sponsor a scholar will be asked if they would like to renew the subscription. Thus, the process is simple and painless—the HSS Office handles all the paperwork, members supply the payment!

Let me remind all HSS members of the success of this program. When I visited St. Petersburg this past summer, several of our Russian colleagues thanked me for the generosity of the Society in providing memberships since they would not be able to afford the membership without this support. My office receives numerous letters each year expressing similar gratitude. So, I thank all HSS members who have participated in the program and encourage everyone else to do likewise.

Keith R. Benson

Look for your Sponsor-a-Scholar form on page 8 of this Newsletter!

Thanks to these HSS members who participated in the Sponsor-a-Scholar Program in 1996!

- Michele L. Aldrich, AAAS
- Uldis Blukis, Brooklyn, NY
- Joan Lisa Bromberg, Sacramento, CA
- Stephen G. Brush, U. Maryland
- David C. Cassidy, Hofstra University
- Jonathan Coopersmith, Texas A&M
- Lorraine Daston, U. Chicago
- Michael Aaron Dennis, Cornell
- Elizabeth Garber, SUNY Stony Brook
- M/M Jeffrey Gorski, Oxnard, CA
- Frederick K. Gregory, U. Florida
- Benjamin Harris, Wisconsin, Parkside
  - Gerald Holton, Harvard
  - HSS Executive Office
  - E.S. Kennedy, Princeton
  - Mark Levinson, Edmonds, WA
  - Chuang Liu, U. Florida
- Kenneth Ludmerer Washington U.
- M. Meo, Portland, OR
- J.A. Schufle, Las Vegas, NM
- Nancy Slack, Russell Sage College
News of the Society

Notes from the HSS Business Meeting

Following in the tradition established at last year's HSS Business Meeting, President Frederick Gregory welcomed eleven brave HSS members who joined the Executive Committee at 8:00 on Sunday morning (10 November) to discuss informally the business of the Society. The President asked Executive Secretary Keith Benson, Treasurer Pam Mack, and Editor Margaret Rossiter to provide brief comments to supplement their annual reports, which had been made available to the attendees of the meeting.

Following Benson's brief comments, there were questions raised about the separation of the annual meeting expenses from the general expenses of the Executive Office. Benson explained that he is working toward making the annual meeting completely self-sustaining but that it is difficult to separate the financial demands of the annual meeting completely from the general expenses in the Executive Office, since the annual meeting represents such a major part of the Society's annual activity. Additionally, Benson mentioned that his office is now audited at the same time that the HSS Treasurer's office is audited and the auditors have praised the current financial arrangement that has been established.

Pam Mack encouraged those who attended the Business Meeting to think about Society-wide projects that could be funded by the Society's new "Special Projects Fund." President Gregory then announced the need for those at the Business Meeting to consider acting on the statute changes proposed by the HSS Executive Committee and approved by HSS Council. He noted that many of the changes were editorial, but the one substantial change involved the amendment to the term of service by past presidents from a life-long term to one two-year term for the immediate past president. After some discussion, the statute changes were unanimously approved.

In its final action, the Business Meeting approved a motion from Michele Aldrich to require that all HSS meeting rooms be equipped with microphones to ensure that any hearing impaired person not be prevented from hearing presentations. Benson agreed to forward the motion to the Committee on Meetings and Programs; he also pledged to make arrangements in the San Diego meeting for this equipment.

President Gregory thanked all those who attended the Business Meeting and encouraged them to bring their colleagues next year. The new format of the meeting makes it a much more interesting and exciting meeting; the only missing ingredient is a larger cadre of our colleagues.

HSS 1996 Council Meeting Report

President Frederick Gregory welcomed members of HSS Council to his first Council meeting as president of the Society. In his welcoming remarks, President Gregory pointed to the robust nature of the Society, but he also emphasized the importance of the recent challenges to the profession as a result of the "culture wars." He emphasized our need to maintain the rich diversity within our discipline while, at the same time, we maintain our close connections and relevance to the scientific disciplines we study.

Executive Secretary Keith Benson referred the members of Council to his annual report, emphasizing the appointment of Constance Malpas to the Executive Assistant position within the Executive Office. He also highlighted the continued vitality of the Sponsor-a-Scholar program. Benson then thanked Treasurer Pam Mack for her dedicated work in serving the Society for four years, but he specifically thanked her for implementing a thorough accounting system for the Society which included the financial affairs of the Executive Office. He encouraged the members of Council to examine the financial reports to appreciate the stewardship of the Executive Office over HSS finances. In a similar vein, he reported on the continued support from NSF for the travel grant program ($15,000) and increased support from the Dibner Fund for the visiting scholar and post-doctoral programs ($15,000). Finally, Benson announced that the Society would soon receive a large contribution from a long-time supporter of HSS, but the name and exact amount of the award would await the final formulation and official announcement of the gift.

Treasurer Pam Mack presented her final report to the council, a report that contained the good news of a $26,759.31 surplus. But the good news was not restricted to the bottom line, since the Society's auditors also found the financial affairs of the Society to be in extremely good shape (and accurate, too). In particular, Mack noted the auditors commended the Society on creating a much more comprehensive accounting system through the inclusion of the financial records from the Executive Office. Mack also encouraged Council members to consider the existence of the "Special Projects Fund" for activities that may serve the entire Society. In response, Jane Maienschein suggested a "contingency fund" for the excess funds in the Society. President Gregory reacted by appointing Joan Cadden, Paul Farber, and Maienschein to an ad hoc committee to report to the Finance Committee concerning this matter.

Mack then introduced the members of HSS Council to Susan Kempler, the Society's investment manager from U.S. Trust. Kempler briefly explained the Society's portfolio to the Council, emphasizing the bullish nature of the current market and the wisdom of the Society to pursue equity funds for its investment. The current HSS endowment is valued at $1,744,621, a change of 26.4% since U.S. Trust assumed responsibility for the endowment in June 1993 (8.1% annualized growth).

Editor Margaret Rossiter reported on a number of changes in the Isis office, including the resignation of Peter Dear as book review editor and his replacement by Michele Aldrich. She also noted that she is spending the year at the Institute for Advanced Study at Princeton, but that the affairs in Ithaca are well managed by the careful attention of the Managing Editor of Isis, Jon Harkness.

In keeping with recent trends at the Council meetings, there was much discussion about the Society's business relationship with the University of Chicago Press, especially as these relate to increases in the Society's subscription rates. The major difference in this year's conversation, as President Gregory noted in his introduction to the discussion, is that the press is now "breaking even" on the

(Continued on page 7)
(Continued from page 6)

Council Meeting . . .

HSS account. Robert Shirrell (University of Chicago Press) introduced the members of Council to the recent history of the subscription rates, and he submitted the press's proposals for a rate increase in 1998 to the Council (this had been proposed last year). After considerable discussion and modification, Council approved a rate increase for institutional subscribers from $164 to $170, instead of the proposed increase to $176. Individual rates will remain the same as in 1997. The rate increase will allow the press to increase its guaranteed payment to the Society, a provision that the members of Council have wanted. Some of the increased revenues will be used by the Society to begin to prepare for the transition period as the Society considers replacing John Neu, the longtime editor of the Society's CB, who has announced his intention to retire.

Under HSS committee reports, the Council heard of the hard work completed by the committees on Publication, Education, Research and the Profession, Honors and Prizes, and Meetings and Programs. Among the discussion items were the following: the ongoing discussion of the relationship between Isis and Oriens; the announcement of the preparation of the "Images and Sounds" project, which will be available through the HSS Executive Office from the CoE; the announcement of the approval of the reorganization of the Committee on Women as the "Women's Caucus"; the concern about HSS hosting its annual meetings in cities where discrimination against any group of citizens may occur (concerns were raised about the status of such legal protection in Kansas City, the proposed site for 1998); and discussion about a new teaching award proposed by both CoE and CoHP.

HSS Council then approved the nomination of Marc Rothenberg to replace HSS Treasurer Pam Mack. The occasion prompted a spontaneous and unanimous outpouring of "thanks" to Mack for her unselfish dedication to the financial affairs of the Society. President Gregory expressed his profound appreciation for her stewardship, which has been largely responsible for the "robust" nature of the Society. Similarly, Executive Secretary Benson's one-year extension (through 31 December 1998) was unanimously approved by Council.

Under Old Business, Council discussed the statute and bylaw changes proposed from HSS Executive Committee. President Gregory noted that many of the changes reflected long overdue "housekeeping" of the statutes and bylaws. The substantial changes in the statutes involved the terms of service of past presidents on HSS Council. Following the recommendation from Council last year, the Executive Committee approved the statute change that would replace life-long service on Council for past presidents by a two-year service term for the immediate past president. After considerable discussion, the statute change was approved unanimously by Council.

Ed Hackett, the program director for NSF, was then introduced to Council. He thanked HSS for the opportunity to meet with the Society and then encouraged all members of the Society to contact him for any and all questions relating to the support by NSF of the profession (ehackett@nsf.gov). President Gregory thanked Hackett for his support of HSS, specifically mentioning the support for travel grants to the annual meeting.

President Gregory asked for a motion from the Council for adjournment, noting that there was inadequate time to discuss the topic of contested election, a topic from last year's meeting. In their characteristic and efficient manner, Council members quickly agreed with the President's suggestion.

Keith R. Benson
HSS Honors Prizewinners at Atlanta Meeting

At the annual meeting banquet in Atlanta on Saturday evening, 9 November 1996, the History of Science Society awarded the following prizes:

Sarton Medal: The History of Science Society's most prestigious award was given to Loren Graham in recognition of his impressive contributions to the field of the history of science during his scholarly career. The medal is provided by the Dibner Fund and Institute.

Pfizer Award: Awarded for the outstanding book in the history of science published during the previous three years to Paula Findlen for her work Possessing Nature: Museums, Collecting, and Scientific Culture in Early Modern Italy (University of California Press, 1995).

Watson Davis and Helen Miles Davis Prize: Awarded annually to the author of a book useful in undergraduate teaching or which promotes greater public understanding of the history of science to Betty Jo Teeter Dobbs and Margaret C. Jacob for their work Newton and the Culture of Newtonianism (Humanities Press, 1995).

Derek Price Award: Awarded for the outstanding article published in Isis during the previous three years to John Carson for his work "Army Alpha, Army Brass, and the Search for Army Intelligence," Isis 84 (1993): 278-309.


Henry and Ida Schuman Prize: Awarded for the outstanding graduate student essay in the history of science and its cultural influences to James Spiller for his essay "Re-Imagining Antarctica and the United States Antarctica Research Program: Enduring Representations of a Redemptive Science."

The HSS Distinguished Lecture was presented by Allen G. Debus who spoke on "The Chemists, the Physicians, and the Scientific Revolution."

Prize and award winners of 1996, shown at the recent banquet in Atlanta. From right to left are John Carson (Derek Price Award), Paula Findlen (Pfizer Prize), President Gregory, Loren Graham (Sarton Medal), Ida Stamhuis (History of Women in Science Prize), and James Spiller (Schuman Prize). Not shown is Margaret Jacob (Watson Davis and Helen Miles Davis Prize) who could not attend the banquet to receive her award, which she shared with Betty Jo Teeter Dobbs (posthumous).

HSS Sponsor-a-Scholar Program

_____ Yes, I would like to sponsor the scholar I have listed below.

_____ Yes, please choose a scholar for me.

Scholar's Name: ____________________________

Address: ____________________________

City: __________ Country: __________ Postal Code: _______

Sponsor's Name: ____________________________

Address: ____________________________

City: __________ Country: __________ Postal Code: _______

Telephone: _______ Email: __________

Amount Enclosed: _______ ($35 annually for each scholar sponsored)

Please make check or money order payable in U.S. dollars to the History of Science Society. Send to HSS, Office of the Executive Secretary, University of Washington, Box 351330, Seattle, WA 98195, USA.

For further information about this program, please contact the HSS Executive Office at 206-543-9366, or email: hssexec@u.washington.edu.
HSS President Frederick Gregory presents outgoing HSS Treasurer Pam Mack with a special certificate thanking her for providing four years of selfless dedication to the financial affairs of the Society.

Loren Graham accepting the 1996 Sarton Medal. Everett Mendelsohn, who introduced this year's medalist, is in the background.

Corrections:
- In the October 1996 issue, we failed to print an award announcement submitted by Sara Schechner Genuth. Genuth was the recipient of an award from the Dibner Library of the History of Science and Technology and the Smithsonian Institution Libraries to be the Dibner Resident Scholar in 1996. She has been (and is still) studying "Models and the Order of the World." Genuth submitted the notice well before the October '96 Newsletter deadline, and we apologize for not having included it.
San Diego in 1997: A Call for Papers

CoMP Guidelines

1) In evaluating individual papers for possible inclusion in general sessions created by the Program Chairs of "contributed papers."

(a) The principal criterion will be the quality of the paper.

(b) A second factor of substantial weight will be the need to bring balance to the program.

(c) No person, but for the most exceptional circumstances (to be cleared with the chair of CoMP), may appear on the program twice (as presenter of a paper, commentator, discussant, or chair). A person may, however, serve more than one function in a single session—e.g., as chair and presenter or commentator or discussant or as a presenter in a panel. Also, a person is exempt from the stricture against duplication if he or she serves only as an organizer of another session or a presenter in a special gathering such as a workshop.

(d) Priority will be given to people who did not appear on the previous year's program.

(Note i.) The Program Chairs will reserve a block of sessions for "contributed papers," primarily but not solely by graduate students. Graduate students are also encouraged to apply as participants in regular sessions.

2) In evaluating sessions that organizers submit as wholes and whose papers support unified themes:

(a) The principal criterion will be the importance of the topic and the perceived quality of the papers and their integration into a meaningful and useful session.

(b) Another criterion will be the need for balance in the subjects covered on the program.

(c) Another factor will be sponsorship by an official HSS interest group or committee (one session only).

(d) Another factor will be involvement of participants representing diversity of institutional affiliations.

(Note i.) Sessions may not, but for the most exceptional circumstances (to be cleared with the chair of CoMP), include people on the program in another session (as presenter, commentator, discussant, or chair). Where possible, Program Chairs are also encouraged to select sessions that include a mix of men and women. The chairs are further encouraged to choose sessions that include participants representing a balance of professional ranks (avoiding sessions composed exclusively of, for example, graduate students).

(Note ii.) For inclusion on the official program, the following activities require regular applications as sessions: public forums or speakers sponsored by HSS interest groups and committees; honorific sessions sponsored by members' colleagues; commemorations of historic events; Thursday evening plenary sessions; and other special gatherings. Program Chairs will judge these submissions along with other sessions on their merits. (Of course, official HSS interest groups and committees remain welcome to mount special programs in the time-slots normally allocated for their business meetings. Similarly, HSS members remain welcome to organize private activities independent of the official program.)

3) In evaluating workshops, field trips, or site visits:

(a) The principal criterion will be the activity's relevance to the society's collective goals.

(b) A related issue will be the activity's logistical feasibility.

(c) Another factor of importance will be the need to bring balance to the program.

(d) A final aspect will be sponsorship by an official HSS interest group or committee, including the local arrangements committee.

(Note i.) The program chairs will reserve periods during Thursday afternoon and Friday evening for workshops, fieldtrips, site visits, and related activities.
HISTORY OF SCIENCE SOCIETY -- 1997 Annual Meeting

Session and Paper Proposal

All HSS members who propose to participate in the 1997 Annual Meeting in San Diego, 6-9 November 1997 must fill out this form (front and/or back sides) and send it to the HSS Executive Office to be received no later than April 1997.

SESSION PROPOSALS

For members who are proposing a session, please complete the "Session Proposal" part of the form (below). Session organizers must select a session format; either 3-4 papers with a commentator; or 4-5 papers without a commentator. Session organizers are responsible for sending the entire session proposal to the HSS Executive Office. This includes a) the "Session Proposal" form, and b) all "Paper Proposal" forms (found on the back of this page) for participants in the session (including a form for commentator and/or chair, but abstract not necessary for either).

PAPER PROPOSALS

Members who are proposing a paper as part of a session, or who wish to have a paper considered as a Contributed Paper or Work-in-Progress, must complete the "Paper Proposal" part of the form (on the back of this page). [Note: "Paper Proposal" forms that are part of a session must be submitted with the "Session Proposal" form by the session organizer.] An abstract is required for all papers and must be completed in the space provided on the "Paper Proposal" form.

WORKSHOP PROPOSALS

Contact HSS Executive Office for direction.

SESSION PROPOSAL

(This form is to be filled out by session organizers only.)

Session Organizer:

Institution: ______________________________

Address: ________________________________________________

Phone: ______________ Fax: ______________ email: ______________


Status (check one): ___ Faculty Member ___ Independent Scholar ___ Graduate Student

Session Title: ________________________________

Session Presenters (name and institution) and Paper Titles:

1. ____________________________________________
2. ____________________________________________
3. ____________________________________________
4. ____________________________________________
5. ____________________________________________

Chair (name and institution): ________________________________

Commentator (name and institution): ________________________________

Session format (Check one): (3) (4) Papers with commentator OR (4) (5) Papers without commentator

Session Organizers should mail this form with all paper proposal forms for participants of this session to the History of Science Society Executive Office, University of Washington, Box 351330, Seattle, WA 98195-1330. DUE IN HSS OFFICE BY 1 APRIL 1997.
PAPER PROPOSAL

(This form is to be filled out by members proposing a paper as part of a session, a contributed paper, or a work-in-progress paper.)

Note: If your paper proposal is part of a session, please send this form to the session organizer. The session organizer is responsible for sending the entire session proposal to the HSS Executive Office. This includes a) the "Session Proposal" form (found on the back of this page), and b) all "Paper Proposal" forms for participants in the session (including a form for commentator and/or chair, but abstract not necessary for either).

Name: ____________________________________________________________

Institution: _______________________________________________________

Address: ______________________________________________________________________

Phone: __________________ Fax: __________________ email: __________________


Status (check one): ______ Faculty Member ______ Independent Scholar ______ Graduate Student

Type of Paper Proposal: ______ Part of a Session ______ Contributed Paper ______ Work-in-Progress

Contributed paper and work-in-progress paper proposals should be sent to the History of Science Society Executive Office, Box 351330, University of Washington, Seattle, WA 98195. Paper proposals that are part of a session should be sent directly to the session organizer. ALL ARE DUE IN THE HSS OFFICE BY 1 APRIL 1997!

Please type in your paper abstract in the box below.

Abstract

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HSS Award and Prize Nominations Sought for 1997

Last year, the Society’s Committee on Honors and Prizes developed a new policy for nominating books and articles for the annual awards and prizes. No longer will the Society rely upon academic and commercial presses for the nomination process. Recognizing that the awards and prizes should represent the consensus of the Society’s members, we will now rely upon our membership for nominations. However, for this process to work successfully, our members must respond. Therefore, we encourage all HSS members, especially those of you who are recent authors, to complete the following NOMINATION FORM and send it to the HSS Executive Office (Box 351330, University of Washington, Seattle, WA 98195-1330) no later than 1 April 1997.


The Pfizer Award 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, which deals in a substantial way with the history of science is eligible; those by more than two authors or unrevised reprints or previously published works are excluded.

The Watson Davis and Helen Miles Davis Prize is awarded annually to the author of a book useful in undergraduate teaching or which promotes public understanding of the history of science. Books 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 History of Women in Science Prize will be awarded in 1997 to the author of an outstanding book on the history of women in science. 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 be related to medicine, technology, and the social sciences as well as the natural sciences.

The Henry and Ida Schuman Prize is awarded for the best original essay by a graduate student on the history of science and its cultural influences. 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. Students must submit documentation of graduate student status and three copies of the essay to: Keith R. Benson, HSS Executive Secretary, at the address above. The author’s name and institution must be indicated on a detachable cover sheet.

The Derek Prize Award is presented annually for an outstanding article published in Isis during the preceding three years, i.e. 1994, 1995, and 1996. All articles published in the relevant years are automatically considered.

The Sarton Medal, originally designed by Bern Dibner and still supplied by the Dibner Institute at MIT, is awarded annually to an outstanding historian of science, selected from the international scholarly community. It recognizes those whose entire careers have been devoted to the field and whose scholarship is exceptional. Nominations may be sent to the Chair of the Committee on Honors and Prizes, Professor Richard G. Olson, Department of Humanities and Social Sciences, Harvey Mudd College, Claremont, CA 91711; 909-621-8000, ext. 4476; Fax: 909-621-8465; email: olson@thuban.hmc.edu.

Remember to place your nominations for HSS Awards and Prizes—Our honors are our responsibility!

HONORS, PRIZES, AND AWARDS NOMINATION FORM

Please return to the HSS Executive Secretary’s Office, Box 351330, University of Washington, Seattle, WA 98195, by 1 April 1996


Pfizer Award (book) _____________________________ Henry & Ida Schuman Prize (essay): _____________________________

Watson Davis Prize (book) _____________________________

Title of article, book, or essay (full citation):

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Nominator _____________________________
Awards, Honors, & Appointments

Ronald Calinger received the Austrian Cross for the Sciences and Arts (First Class) this summer. This award, the highest given in the sciences by the Austrian government, is voted on by the Austrian Parliament and approved by the Federal President. Calinger was a guest of Austrian Senate President Herbert Schanbeek in August as part of the Austrian Millennium Celebration.

Marshall Clagett, Professor emeritus at the Institute for Advanced Study and a professor there for thirty-two years, recently received the 35th annual International Galileo Galilei Prize, given by the Award Foundation of the Italian Rotary for outstanding contributions by a foreign scholar to the study and diffusion of Italian culture. Professor Clagett, who accepted the award at a ceremony held at the University of Pisa, was recognized for his studies in the history of Italian Science. He also recently received one of two newly created European Dondi dall'Orologio Prizes in the History of Science, Technology, and Industry. The prize, given in recognition of a lifetime of scholarship in the history of science, was presented at the University of Sassia, Sardinia.

The American College of Obstetricians and Gynecologists announces that the recipients of the 1997 ACOG-Ortho Fellowships in the History of American Obstetrics and Gynecology are Leo J. Dunn, Professor Emeritus of the Department of Obstetrics and Gynecology of the Medical College of Virginia, Virginia Commonwealth University, whose research project is "Prevention of Rh Isoimmunization in Pregnancy; the story of Doctors Freda and Gorman," and Allison L. Hepler, Assistant Professor of History, University of Maine at Farmington, who will be researching the topic "Occupational and Reproductive Health in the Twentieth Century." The awards carry stipends of $5,000 each to be used to defray expenses while spending a month in the ACOG historical collection (and other medical/historical collections in the Washington, DC area) continuing research into some area of American obstetric-gynecologic history.

Elizabeth Knoll has accepted a position as Senior Acquisitions Editor for the Behavioral Sciences at Harvard University Press.

Amy J. Litt of the New York Botanical Garden, is the recipient of the 1996 Lawrence Memorial Award. A student of Scott Mori, Litt has undertaken a study on the phylogeny of the Vochysiaceae. She will use the proceeds of the award for travel in Cameroon for field research. Commemorating Dr. George H. M. Lawrence, founding Director of the Hunt Institute for Botanical Documentation at Carnegie Mellon University, the biennial Award of $1,000 is made to an outstanding doctoral candidate for travel in support of dissertation research in systematic botany or horticulture, or the history of the plant sciences, including literature and exploration.

Jane Mainschein and Paul Farber have been elected to the rank of AAAS Fellow.

Andrea Rusnock has received a National Endowment for the Humanities Fellowship to complete her book on political and medical arithmetic.

News & Inquiries from our Members


Ted Feldman wrote to let us know that a Web page, "Geoclio," has been established for the history of the geophysical sciences. The page includes notices of meetings and of recent literature and other miscellaneous announcements of interest to those in the field. The url is: http://geoclio.st.usm.edu.

Andy Pickering would like to bring to the attention of members the significant expansion of the science and technology studies graduate program at the University of Illinois. STIM (Science, Technology, Information, and Medicine) offers a rich research environment and a wide range of courses, seminars and colloquia concerning the nature of science and technology and their interrelation with the wider society. For more information, visit the Web site at: http://gaia.lis.uiuc.edu/leep3/stim/; email: stnim@uiuc.edu, or write: STIM Program, Department of Sociology, University of Illinois, 326 Lincoln Hall, 702 S. Wright Street, Urbana, IL 61801.

Michael Sokal, Professor of History at the Worcester Polytechnic Institute, has been appointed the editor of a new journal sponsored by the Division of the History of Psychology of the American Psychological Association. It will begin publication in early 1998. History of Psychology's editorial office will operate with the support of Worcester Polytechnic Institute, the American Psychological Association, and APA's Division of the History of Psychology. The journal will serve as a forum for both psychologists and other interested scholars for the full range of current ideas and approaches pertaining to the relationship between history and psychology. It will primarily feature refereed scholarly articles dealing with specific issues, areas, and/or individuals in the history of psychology. It will also publish papers in related areas such as historical psychology (the history of consciousness and behavior), theory in psychology as it pertains to history, historiography, biographical and autobiographical analysis, psychohistory, and issues involved in teaching the history of psychology. Direct inquiries (for submissions and subscriptions) to: Michael M. Sokal, History of Psychology, Department of Humanities and Arts, 100 Institute Road, Worcester, MA 01609-2280, phone: 508-831-5712, fax: 508-831-5932 or 5878, email: msokal@wpi.edu.
Jobs, Fellowships/Grants, & Prizes

We invite you to peruse our electronic sites for listings of history of science-related job opportunities, fellowships and grants, and prizes. HSSJOBS is available as a text document for anonymous ftp (file transfer protocol) at the site of: ftp.u.washington.edu in the directory: /pub/user-supported/hssexec/index.html. At that site, the listings are included in the above order at the one location. In addition, the listings are available by link from the Society's WWW Page. The URL is: http://weber.u.washington.edu/~hssexec/index.html. Notices are brought to the History of Science Society's attention between quarterly publication of the HSS Newsletter. Our e-mail address is hssexec@u.washington.edu. Our telephone number is 206/543-9366. Our fax is 206/685-9844 and our telephone number is 206/543-9366.

JOBS

Peirce Edition Project

The Peirce Edition Project announces an opening for an Assistant / Associate Editor, Writings of C. S. Peirce, to begin July 1997. Responsibilities include extensive research in the history of mathematics and science, bibliographical research, preparation of scholarly annotations, forensic study of manuscripts, and SGML mark-up. Required is a Ph.D. in philosophy or history science / mathematics, experience in scholarly editing (the production of documentary or critical editions), and a record of publication in these fields. Desired are experience in archival procedures and in computer editing and use of SGML. Applications must be received by 31 January 1997. Send resume and names of three references to the Peirce Edition Project (attn.: Jon R. Eller), Cavanaugh Hall 545, Indiana University - Purdue University Indianapolis, 425 University Blvd., Indianapolis, IN 46202. Phone: (317) 274-2173.

North Central College

North Central College is looking for an instructor for SCI 210: Landmarks in Natural Science to be taught this coming Winter Term (January through March) on six Saturday mornings from 8 to noon in St. Charles, Illinois. The course uses Kuhn's Structure of Scientific Revolutions as a tool to analyze the work of Copernicus, Newton, Darwin, and Freud. Interested persons should contact Rich Wilders, Dept of Math, North Central College. Tel. 630 637 5234; e-mail: rjw@nocnrl.edu.

University of Toronto

The Institute for the History and Philosophy of Science and Technology (IHPST) and the Faculty of Medicine, University of Toronto, invite applications for a tenure stream position at the rank of Associate or Assistant Professor in the History of Medicine, subject to budgetary approval, beginning 1 July 1997. Because our History of Medicine program currently has strengths in the history of Canadian Medicine, we are seeking a scholar in an area other than the history of Canadian medicine. The successful candidate will have an international reputation as a scholar, and will be qualified to undertake graduate faculty responsibilities including graduate seminars and supervision of doctoral dissertations, to teach undergraduates, and to conduct research. The successful candidate will offer graduate instruction half through IHPST, and half through the Institute of Medical Sciences and the Department of History jointly. For the first 3 years, the position will be funded by AMS/Hannah Institute for the History of Medicine; thereafter the position will be funded by the University. Applications should be sent to the Chair, Search Committee, Institute for History and Philosophy of Science and Technology, Room 316, Victoria College, 73 Queen's Park Crescent East, University of Toronto, Toronto, Ontario M5S 1K7. Applicants should enclose c.v., the names and addresses of three referees, copies of recent major publications, and a brief account of current research. Closing date 21 February 1997. In accordance with its Employment Equity Policy, the University of Toronto encourages applications from qualified women and men, members of visible minorities, aboriginal peoples and persons with disabilities.

Iowa State University

The Women's Studies Program and the Department of History at Iowa State University seek qualified candidates for a tenure position at the associate or full professor level to begin August 1997 (9 month, full-time, tenure-track). While tenure is held in the Department of History, the position will be half-time in the Department of History and half-time as the Director of the Women's Studies Program in the College of Liberal Arts and Sciences. Women's Studies is a vital and active program with a growing undergraduate major and approximately 25 affiliated faculty. A Ph.D. in history and a distinguished record of teaching and research in women's history are required. Special attention will be given to candidates with experience participating in Women's Studies programs. Responsibilities will include developing and administering the major in Women's Studies, teaching courses, and contributing to scholarship in women's history. The successful candidate has the opportunity to participate in the Ph.D. programs in agricultural history and rural studies, or in the history of technology and science. The search committee will begin considering applications as early as 15 January 1997 and will continue until the position is filled. Proposed Start Date: August 16, 1997. Salary: Commensurate with qualifications. Application: Send letter of application, a recent publication, and three letters of recommendation to: Dean Zora Zimmerman; College of Liberal Arts and Sciences; Women's Studies - History Search Committee; 202 Catt Hall; Iowa State University; Ames, IA 50011-2061. AA/EOE. Women, minorities, and members of other protected groups are encouraged to apply.

University of Maine

The University of Maine at Machias seeks applications for a full-time, regular tenure-track Assistant Professor in U.S. History to begin...
Jobs, Fellowships/Grants, & Prizes

September 1997. Historians are expected to teach the university-wide foundation survey course, the U.S. history survey, a local history course required for education majors, and a variety of upper-level courses. Because the department is small, historians must be generalists willing and able to develop courses outside of their specialties. In addition, all faculty take part in the life of the university advising, serving on faculty committees, and sharing their expertise in the region. Applicants must have a Ph.D., though current and outstanding ABD’s will be considered. Expertise in one or more of the following areas would enhance a candidate’s consideration: Native American history, history of Canada, environmental history, geography, history of science, history of the family, women’s history. Teaching experience is an asset as is the ability to teach in highly interactive formats, to use local resources in teaching, and to incorporate new technologies.

**Salary Range:** $28,000-$30,000. Candidates should submit (1) a two-page (maximum) letter of application that specifies teaching interests, qualifications, and philosophy of teaching history; (2) a curriculum vitae; (3) transcripts; (4) the names of 3-5 references. Send these to: U.S. History Search Committee, Kimball Hall, University of Maine at Machias, Machias, ME 04654. TEL: 207-255-1200. Application deadline is 17 January 1997. The University of Maine at Machias is a 1,000 student, independently accredited campus within the University of Maine system offering undergraduate programs in education, liberal arts, science, and business, including a B.A. program in History. We are a regional institution with a student-centered philosophy of education. The University of Maine at Machias is an Equal Opportunity, Affirmative Action Employer and strongly encourages applications from women and minority candidates.

**The University of Michigan**

The Residential College and the School of Information at the University of Michigan seek candidates for a one-semester or two-semester visiting professorship in 1997-1998. Expertise should be in the historical and/or social and cultural analysis of information technologies, with special emphasis on the policy and international dimensions of these fields. Candidates should have a Ph.D. degree and strong commitments to both teaching and research. The Residential College is a select undergraduate liberal arts college with an existing program in Science, Technology, and Society. The School of Information is a graduate school preparing students for information professions at both the Masters and Doctoral levels. Both units are considering developing strength in the historical and social dimensions of information technology. The appointment will involve coordinated teaching in both units, with responsibility for two courses in one semester or three courses in two semesters. The level of the appointments will depend on the experience and qualifications of the candidate. Interested candidates should send (1) a cover letter stating their interest, (2) an up-to-date curriculum vitae, (3) some sample papers, and (4) the names of at least three references to Visiting Professorship, School of Information, University of Michigan, 550 East University, Ann Arbor, MI 48109-1092. The deadline for application is 31 January 1997. For further information, contact Dr. Susan Wright (313-763-1194; swright@umich.edu) or Professor Gary Olson (313-763-5644; gmo@umich.edu) and/or visit our web sites at www.rc.lsa.umich.edu/ or www.si.umich.edu/ . The University of Michigan is an affirmative action, equal opportunity employer.

**University of California—Santa Barbara**

The Department of Education at the University of California, Santa Barbara, seeks an Assistant Professor with a specialization in Science Education for a tenure-track appointment effective July 1, 1997. Applicants must have a background in science, a relevant doctorate, and the potential for excellence in University teaching and research related to science education. Preference will be given to candidates with backgrounds and experience in environmental and/or biological sciences and with experience in working with culturally, linguistically, and racially diverse populations. Interests might include research on teacher education in the natural sciences, equity issues in science education, inclusion of students with disabilities, student acquisition of scientific concepts, pre-college science instruction, and/or curriculum development in science. The successful candidate will teach courses and advise students in research-oriented Master’s and Ph.D. programs and may provide instructional support for the 5th year teacher credential program in Science Education. Applicants should send a letter of application, current resume, two representative publications or other writing samples, and three letters of recommendation to Gregory Kelly, Chair, Search Committee, Graduate School of Education, University of California, Santa Barbara, CA 93106-9490. The application deadline is 15 January 1997; however, applications will be accepted until the position is filled. For further information, contact Dr. Kelly by electronic mail at gkelly@edu@ucsb.edu. UCSB is an EO/AA employer.

**Encyclopaedia Britannica**

The Encyclopaedia Britannica is creating a new group to research and review Web sites, and will be hiring a number of people to staff this new group. Job descriptions are attached; applications are being accepted immediately, and will continue until all positions are filled.

**Assistant Editor, Internet Guide**

1. Searches Web (using Web and in-house tools) for sites relevant to assigned subject areas. 2. Analyzes content of all sites located to determine suitability for listing in Britannica Internet Guide (BIG). 3. Makes recommendation as to rating of suitable sites; compiles key information about each site. 4. Compiles bibliographic information and creates keyword list for each site. 5. Drafts review of each site. A graduate degree in a science or one of the humanities is required; editorial experience in reference or academic publishing highly desirable. The applicant must have the following skills: clear, critical thinking; demonstrated writing ability; standard PC skills such as word processing; familiarity with the Internet, e-mail, the World Wide Web, and Web directory services.

**Associate Editor, Internet Guide**

1. May perform any or all tasks of an assistant editor. 2. Reviews work of assistant editors; inspects rated sites to confirm assistant editors’ ratings and key information; watches especially for controversial or tendentious content. 3. Assigns final rating to each site. 4. Edits draft review of each site, producing a final draft. 5. Coordinates actively with Core Revisions editors on sites, information sources,
reviews of EB Core database content. A doctoral degree or ABD in a science or one of the humanities is required; editorial experience in reference or academic publishing or college-level teaching experience highly desirable. In addition, the applicant must have the following skills: clear, critical thinking; demonstrated writing ability; standard PC skills such as word processing; familiarity with the Internet, e-mail, the World Wide Web, and Web directory services.

Salaries for both positions are commensurate with education and experience. Send application to: Bob Bianchetta, Human Resources, Encyclopaedia Britannica, 310 South Michigan Avenue Chicago, IL 60613.

The University of Minnesota
The University of Minnesota, Twin Cities campus, invites applications for a temporary, one-year position (depending on funding) as Assistant Professor of History of Science and Technology beginning September 1997. Candidates' period of research should be before the 19th century. Principal duties involve research and teaching, including participation in an introductory course in the history of science. All requirements for the Ph.D. must be completed by September 1, 1997. Applications must be received by 27 January 1997. Applicants should submit a vitae, publications or samples of writing, and arrange for at least three letters of recommendation to be sent to: Chair, Search Committee, Program in History of Science and Technology, 148 Physics Building, University of Minnesota, 116 Church Street S.E., Minneapolis, Minnesota 55455. The University of Minnesota is an equal opportunity educator and employer.

University of North Dakota
Seeking individual for UND Aerospace Space Studies in Political/Social Science or Economics. Duties include teaching graduate and undergraduate survey courses and commercial space policy on campus and through distance learning technologies; research; advising students; and providing service to the university and community. Ph.D. in economics, political or social science with a space-related specialty is required. A space commerce specialty is preferred. Teaching and/or research experience and ongoing contract with the space community is desirable. Position available January 1997. Space Studies is an interdisciplinary program featuring an M.S. degree and an undergraduate minor. Specialties include space law, space policy, planetary science, remote sensing, and Earth system science. The department is the lead institution in North Dakota's NASA Space Grant consortium. For additional information about the Dept. of Space Studies, visit http://www.space.edu. Send a letter of application, resume, publication's list, three references, and a description of courses and research interests to: Dr. Charles Wood, Chair, Dept. of Space Studies, University of North Dakota, PO Box 9008, Grand Forks, ND 58202-9008. Email: cwood@badlands.nodak.edu. UND is an equal opportunity, affirmative action employer.

The University of Michigan
The Educational Studies Program in the School of Education at the University of Michigan invites nominations and applications for faculty positions in science education. The Educational Studies Program is an interdisciplinary academic unit in the School of Education with undergraduate and graduate pre-service teacher education programs, and M.A. and Ph.D. programs in early childhood, administration, foundations and policy, special education, technology, teacher education, and the school curriculum areas of English, mathematics, literacy, science, and social studies. The Educational Studies Program participates in interdepartmental doctoral programs with the Departments of Psychology and English Language and Literature. Faculty in Educational Studies have strong ties with colleagues in the disciplines across the university. The professional education of teachers is a major commitment of the Educational Studies Program. Currently, the University of Michigan has about 500 undergraduate teacher education students, about one-third of whom are elementary certification students and the remainder are studying for secondary certification. In addition, there are about 60 students enrolled in graduate teacher education leading to teacher certification and a M.A. degree. About 140 students are enrolled in Ph.D. studies and about 80 in M.A. studies. The School of Education has an exemplary faculty that is committed to the pursuit of scholarly research on teaching and learning and the professional preparation of educators. Through their research and development efforts, faculty members in the school are linked closely to school districts in Michigan and throughout the nation. The School of Education houses the Prechter Laboratory of Interactive Technology and new multimedia teaching facilities for classroom, small group, and individual work. Qualifications: Candidates should have a doctoral degree in education or an allied field and a national reputation in research for applicants at the level of associate and full professors, or clear potential for such stature for applicants at the assistant professor rank. Applicants should have a strong record of scholarly publications related to educational practice, or potential for such a record; effective human relations and communications skills; knowledge about and competence with new technologies for teaching and learning; and experience in program development and implementation. It is highly desirable that candidates are masters of the craft of teaching and teacher education, and have had experience working collaboratively with school and university faculty. Responsibilities: The faculty in Educational Studies continues to reform its pre-service teacher education programs, recently adding a graduate teacher education program for secondary teacher certification and making substantial changes to its elementary certification program. Newly appointed faculty will be expected to continue providing commitment to and active involvement in this reform effort and to stimulate and guide further change. An active research and publication agenda, including the pursuit of funded research, and teach in undergraduate and graduate teacher preparation and advanced courses for M.A. and Ph.D. students number among the expectations of newly appointed faculty. They also will direct dissertations and provide opportunities for graduate students to participate in their research programs. Specific information about individual positions includes: Science education (open rank). Teach science teaching methods in the teacher education program and graduate courses in science education, and, if relevant, educational technology. Applicants should possess outstanding accomplishments or potential in science education and should demonstrate a strong commitment to the education of science.
teachers and to teaching and learning in K-12 schools. Emphasis will be placed on the application of new technologies to science education either in the preparation of science teachers or in K-12 settings. Submit nominations or a letter of application, vita, and a list of references to: Ronald W. Marx, chair, Educational Studies Program, Room 1225 School of Education, 610 East University, Ann Arbor, MI 48109. (313-763-9497, ronmarx@umich.edu). Salary and Benefits: Apointments will be made at assistant, associate or full professor rank; the salary will be negotiated on the basis of the candidate's experience and qualifications. Salaries at the University of Michigan compare favorably with salaries at other leading research universities. The University of Michigan offers liberal personnel benefits, including TIAA/ CREF retirement and group life, health, and dental plans. The review of applications will begin 6 January 1997, and will continue until the positions have been filled. The University of Michigan is a non-discriminatory, affirmative action employer.

Harvey Mudd College, Claremont, CA
The Department of Humanities and Social Sciences at Harvey Mudd College is pleased to announce the creation of a new position, the Hixon/Riggs Visiting Professorship in Science, Technology, and Society. This position is open to established scholars who are concerned with the social and cultural dimensions of science and technology, broadly construed. The Hixon/Riggs Visiting Professor will be expected to teach in her or his area of expertise, to give public lectures and/or presentations, and to organize a conference or similar program on a topic of interest. The appointment is for either a semester or a year, and its terms are flexible and will be negotiated with the individual candidates. The Department hopes to appoint a historian of science or technology during the 1997-98 academic year. We are also compiling a list of possible candidates for subsequent years and welcome nominations and expressions of future interest. Harvey Mudd College, a highly selective member of the Claremont Colleges, is one of the nation’s premier undergraduate institutions specializing in science, mathematics, and engineering. This position is in the Department of Humanities and Social Sciences.

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**ORDER FORM**

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Please make check or money order payable (in U.S. dollars) to the History of Science Society, HSS Executive Office, Box 351330, University of Washington, Seattle, WA 98195-1330. Phone (206) 543-9366; Fax (206) 685-9544.
Virginia Tech

Virginia Tech announces a tenure-track Assistant Professorship in Science and Technology Studies (STS) beginning August 16, 1997. We seek applications from scholars from a wide range of fields dealing with social studies of science and/or technology. Candidates must demonstrate significant research accomplishments and provide evidence of good teaching. Familiarity with the history, philosophy, and sociology of science and/or technology is desirable. The main teaching responsibilities will be in the STS Graduate Program and the undergraduate program in Humanities, Science, and Technology, with the expectation of teaching in other programs and departments as appropriate. The hiring unit for this position is the Center for Interdisciplinary Studies (CIS) in the College of Arts and Sciences. Formed in July 1995, CIS is comprised of a number of interdisciplinary programs and centers, including the Center for the Study of Science in Society and undergraduate programs in Black Studies; Humanities; Humanities, Science, and Technology; Religious Studies; and Women’s Studies. The successful candidate for this position will work with faculty from these programs to develop further collaborative efforts in interdisciplinary education, involving especially the undergraduate degree in Interdisciplinary Studies. The faculty member in this position will be affiliated with the Center for the Study of Science in Society. Its faculty are responsible for the Humanities, Science, and Technology program and, together with faculty from the Departments of History, Philosophy, and Sociology, offer the STS Graduate Program. The Graduate Program awards the M.S. and Ph.D. degrees at the main campus in Blacksburg and the M.S. degree at the Northern Virginia Center, jointly operated by Virginia Tech and the University of Virginia. Candidates for this position must have the Ph.D. in hand by the end of the current academic year. Please send a detailed letter of application, CV, writing sample, teaching portfolio if available, and at least three letters of recommendation. We will begin screening applications on 6 January 1997. The review process will continue until the position is filled. Virginia Tech has a strong commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates, including women, minorities, and people with disabilities. Individuals with disabilities desiring accommodations in the application process should notify Gary Downey, address below. If a TDD is required, please contact the University TDD, 540-231-3749. Please send applications to Gary Downey, Chair, STS Search Committee, Center for Interdisciplinary Studies, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061-0247. For additional information, consult the following web pages: http://idstserver.cis.vt.edu/cis/cis/cis.html and http://www.cis.vt.edu/vistshome.html. You may also call or write: 540-231-4761 (o), 540-231-7687 (dept), 540-231-7013 (fax), downeyg@vt.edu.

Sandia National Laboratories, Director-National Atomic Museum, Albuquerque, New Mexico

The National Atomic Museum (NAM) was chartered by Congress in 1991 as the official atomic museum for the United States. Its mission is to preserve, interpret, and exhibit to the public memorabilia, models, and artifacts of significance in the development of nuclear science, atomic energy, atomic weapons, and peacetime uses of atomic energy with emphasis on the history of atomic weapons and other areas of research, development, and production conducted by laboratories and facilities of the Department of Energy and its predecessor agencies. The Director will be responsible for all aspects of museum management, supervising a staff of six and managing a multi-million dollar budget facility. In addition, he/she will be responsible for planning and executing the design, construction, and move to a planned multi-million dollar facility. Candidates must possess strong business, leadership and management skills as evidenced by extensive experience in museum management or related field. Knowledge of an experienced working in the Department of Energy’s nuclear program, either defense or non-defense related, is highly desirable. Proven ability to work effectively with a foundation Board of Trustees and supporting a foundation’s fund raising activities are highly desirable. Communication skills are critical, as is the ability to interact effectively with staff, management, NAM Foundation Board of Trustees, volunteers, other museum professionals, and general public. Reply to: Eva Mueller, Sandia National Laboratories, Staff Employment Department 3535-0023, MS 1023, P.O. Box 5800, Albuquerque, NM 87185-1023. Equal Opportunity Employer M/F/N/H. U.S. Citizenship is normally required.

Dibner Institute for the History of Science and Technology

The Dibner Institute for the History of Science and Technology is seeking a head librarian and curator of the Bumdy Library who possesses the creative enthusiasm, intellectual breadth and professional skills to run a vital, scholarly library in the field of the history of science and technology. The Bumdy Library, founded in 1936, now provides important bibliographic support to the Dibner Institute, a center for advanced research, located at MIT, in Cambridge, Massachusetts. The Bumdy Library’s antiquarian and contemporary secondary source collections of books, manuscripts, graphics, art and scientific instruments and apparatus, serve as a core library resource for Dibner Institute Resident Fellows and for scholars and students worldwide. The Institute plans to continue the Library’s special exhibitions of rare books and instruments and the Bumdy Library series of publications in the history of science and technology. The Librarian of the Bumdy Library reports to the Directors of the Dibner Institute, who are responsible for the operation of the Library and for ensuring that the library’s collections are preserved, extended and made available to scholars as well as to the public at large. The Bumdy Librarian will play a major role in guiding the library’s future development, oversee all library activities, supervise a small professional and support staff and
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serve as representative of the library to Dibner Institute Resident and Visiting Fellows, the libraries of Dibner Institute consortium member institutions (Boston University, Brandeis University, Harvard University, and the Massachusetts Institute of Technology) and to a variety of external constituencies. We invite both nominations and applications for this position. Requirements for the position of Librarian of the Burndy Library include a master's degree in library science or equivalent preparation, a record of distinguished educational and professional achievement, a working knowledge of foreign languages, varied and responsible administrative experience in an academic or research library including experience with the applications of computer technology and close familiarity with the world of rare books in the history of science and technology. The successful candidate should show evidence of leadership in the profession, the ability to foster a spirit of cooperation and effectiveness among staff members and the commitment, imagination and wisdom to help shape a unique research library in a major academic center. Salary and benefits are competitive and commensurate with qualifications and experience. Review of nominations and applications will begin immediately and will continue until the position is filled. Please send letter of nomination or letter of application, including resume and references to: Ms. Rita Dempsey, Burndy Library Search Committee, Dibner Institute for the History of Science and Technology, MIT E56-100, Cambridge, MA 02139. The Dibner Institute is an Equal Opportunity and Affirmative Action employer and encourages qualified women and members of minority groups to apply.

Institute for Advanced Study - Memberships in the School of Historical Studies
The School of Historical Studies is concerned principally with the history of western and near eastern civilization, with particular emphasis upon Greek and Roman civilization, the history of Europe, Islamic culture, and the history of art. A limited number of non-stipendary Visitorships will be available for periods of one month or longer at any time except 15-31 August. Applicants for Visitorships should write the Administrative Officer, School of Historical Studies, Institute for Advanced Study, Princeton, New Jersey 08540 by 1 February 1997 with the proposed dates of residence, curriculum vitae (with list of publications), and plan of research.

Center for the History of Electrical Engineering
The Institute of Electrical and Electronics Engineers, Inc., the world's largest technical professional association with over 300,000 members worldwide, which sponsors major programs in publishing, standards, conferences, and continuing education, is seeking a Director for its Center for the History of Electrical Engineering. The Center is a leading, internationally oriented, contemporary historical research center, located on the campus of Rutgers University in New Brunswick, New Jersey, with archival facilities at the Institute's Service Center five miles away in Piscataway. The Director is responsible for administration and for setting the intellectual direction of the Center's program (in consultation with an advisory group of engineers and historians). Managing a full-time staff of five (including three Ph.D. historians) as well as four part-time graduate student research assistants, the Director participates in group research projects of the Center, conducts individual research in areas appropriate for the Center, establishes and maintains cooperative contacts with other organizations operating in the Center's area of interest, supports fundraising activities, and carries out occasional staff assignments for the IEEE. Some teaching in the History Department at Rutgers University may also be possible. The IEEE seeks an individual with a Ph.D. (or equivalent) in the history of technology or science or another relevant field, a distinguished record of scholarship, and an ability to understand the technical complexities of electrical, electronic, and computing technologies in their cultural context. Demonstrated experience in administration, fundraising, and history of electrical technology is desirable. Salary is commensurate with experience and a broad range of benefits are available. Please send letter of application describing qualifications, together with a curriculum vitae and the names of three professional references (including addresses and telephone numbers) to Donald Curtis, Human Resources Staff Director, The Institute of Electrical and Electronics Engineers, 445 Hoese Lane, Piscataway, NJ 08855.

AT&T Archives History of Technology (US)
The AT&T Archives seeks a Post-Doctoral Fellow (degree in hand) to join a project to research and write a history of manufacturing at AT&T (including the Western Electric Company). Start as soon as possible; completion May, 1998. Goal: publish a book that meets scholarly standards while appealing to a general audience. Candidates must be well-versed in history of technology and American history. Oral history experience desirable. Superior research and writing skills, ability to work in corporate environment required. Applications will be reviewed as received, and continue until the position is filled. Send cover letter, c.v. or resume, writing sample, and the names of three references to: Dr. Sheldon Hochheiser, AT&T Archives, 5 Reinman Road, Warren NJ 07059, fax 908-756-2105, phone 908 226-2391.

Academy for Educational Development
The Academy for Educational Development (AED) is pleased to announce a search for Director of Graduate International Fellowships for the National Security Education Program (NSEP). As you may be aware, NSEP was established to help support outstanding U.S. students who demonstrate high levels of academic performance and strong motivation to internationalize their education by developing expertise in the languages, cultures, and world regions less commonly studied by Americans. For a copy of the job description and other information contact: Ms. Patricia Lilley, Manager of Employment Programs, AED, 1875 Connecticut Avenue, N.W., Suite 900, Washington, DC 20009.

Adler Planetarium and Astronomy Museum
The Adler Planetarium and Astronomy Museum, Chicago, IL is seeking a Collections Manager for the History of Astronomy Department. This position reports to the Director of the Department and is responsible for the documentation, care and preservation of all the objects in Adler's historical collections and for the management of the collections section of the Department. The person in this position develops and implements policies and procedures relating to the
collections, and handles documentation, loans, inventories, condition reporting, security and care of the collections. The person in this position also assists with activities involving the display of items from the collections and maintains records of acquisitions, storage, and archives. In addition, the person in this position trains and supervises the part-time and volunteer collections management staff, oversees the budget for collections management activities, and serves on, or leads, Adler project teams as appropriate. A B.S. or B.A. degree in History or Science is required for this position; an M.S. in Museum Studies is preferred. Familiarity with museum documentation and computer literacy (especially Macintosh computers) are required, although experience in conservation practices, the standards of library cataloging, and information services are preferred. The ability to be well organized and to handle artifacts with care, as well as good supervisory skills, are also required. The beginning salary for this position is $33,400. To apply for this position, please send a cover letter and resume to: Marguerite E. Dawson, Human Resources Manager, Adler Planetarium and Astronomy Museum, 1300 South Lake Shore Drive, Chicago, IL 60605, e-mail address: mdawson@midway.uchicago.edu. No phone calls, please. EOE.

FELLOWSHIPS/GRANTS

California Institute of Technology—Biot and Archives Research Funds
The Maurice A. Biot Archives Fund and other funds provided by the Archives offer research assistance up to $1000 to use the collections of the Archives of the California Institute of Technology. Applications will be accepted from students working towards a graduate degree or from established scholars. Graduate students must have completed one year of study prior to receiving a grant-in-aid. For the Biot award, preference will be given to those working in the history of technology, especially in the fields of aeronautics, applied mechanics and geophysics. The grant-in-aid may be used for travel and living expenses, for photocopy or other photo-reproduction costs related to the research project, and for miscellaneous research expenses. Funds may not be used for the purchase of computer software or hardware. For further information on holdings and on-line resources, please consult the Archives’ Web page: http://www.caltech.edu/archives. Application guidelines may be obtained by writing to: Archivist, 015A-74, California Institute of Technology, Pasadena, CA 91125. The application deadline is June 30 and December 31 of each year.

Project on Cities and Urban Knowledges—International Center for Advanced Studies, New York University
The Project on Cities and Urban Knowledges is inviting applications for a variety of fellowship positions, ranging from a few weeks to one year. Visiting Scholars are the most flexible opportunities, but one or two semester are also available. The Center is a residential site for Rockefeller Humanities Fellowships, and two such year-long Fellowships will be available in 1997-98. Up to three Postdoctoral Fellowships will be available for younger scholars who received their degrees in 1993 or earlier. Applications from candidates in all fields of the humanities and social sciences will be considered. Writers, artists, and urban professionals are urged to apply. Depending upon category, support offered will, on an annual basis, range between $35,000 and $45,000. Fellows and Visiting Scholars will be provided with office space, and every effort will be made to secure low-cost university housing for them. The application deadline is 15 January 1997, for Fellowships to be held in 1997-98. The ICAS is a research center that brings together an international community of scholars, presently focused on the comparative and global study of cities. The Project on Cities and Urban Knowledges seeks to explore urban experience and understanding (disciplinary and popular) in an international and comparative context. Women, members of minority groups, and foreign scholars and intellectuals, are especially invited to apply. For 1997-98, the focus will be Divided Cities. Subsequent years will focus on Cities and Nations, Political Obligation, and Metropolitan Life and Popular Culture. For information and application materials, please direct inquiries to: Professor Thomas Bender, Director; Project on Cities and Urban Knowledges; International Center for Advanced Studies, 5 Washington Square North, Second Floor; New York, NY 10003; fax: 212/995-4208; email: bender@is2nyu.edu.

Mystic Seaport Museum and Williams College Robert G. Albion Fellowship
Mystic Seaport Museum and Williams College invite applications for the Robert G. Albion Fellowship in American Maritime History. This is a two-year appointment, beginning 1 July 1997, to teach one course each semester in American Maritime History to twenty-three liberal arts undergraduates in the Williams-Mystic Maritime Studies Program. $26,000 stipend. Candidates must have or be near completion of the Ph.D. Send application letter, curriculum vitae and three references by 10 January 1997 to: Dr. James T. Carlton, Director, Williams College-Mystic Seaport, Maritime Studies Program, P.O. Box 6000, Mystic, Connecticut 06355-0990. For complete job description call 860/572-5359; fax 860/572-5329; e-mail: munson@mystic.org. AA/EOE.

American Historical Association Fellowship in Aerospace History
The American Historical Association will annually fund at least one fellow, for a period of six months to one year, to undertake a research project related to aerospace history. It will provide a fellow with an opportunity to engage in significant and sustained advanced research in all aspects of the history of aerospace from the earliest human interest in flight to the present, including cultural and intellectual history, economic history, history of law and public policy, and the history of science, engineering and management. Applicants must be U.S. citizens, possess a doctoral degree in history or in a closely related field, or be enrolled as a student (having completed all coursework) in a doctoral degree-granting program. The fellowship term is for a period of at least six months, but not more than one year. The fellow will be expected to devote the term entirely to the proposed research project. The fellow will have (and be encouraged to take advantage of) the opportunity to use the documentary resources of the National Aeronautics and Space Administration, and may also spend the fellowship in residence at the NASA headquarters or one of the NASA centers. The applicant must complete an application form and offer...
a specific and detailed research proposal that will be the basis of the Fellow’s research during the term. At the term’s conclusion, the fellow will be expected to write a report, and to present a paper or a public lecture on the fellowship experience. The maximum fellowship stipend is $30,000. Stipend awards may be based on the previous year’s salary, or a salary the recipient would expect to earn during the fellowship term, and are adjustable to the length of the fellowship term. Graduate students are eligible for a maximum stipend of up to $21,000. Funds may not be used to support tuition or fees. Fellows may not hold other major fellowships or grants during the fellowship term, except sabbatical and supplemental grants from their own institutions, and small grants from other sources for specific research expenses. Sources of anticipated support must be listed in the application form. The deadline for applications is 1 February 1997 for applications and letters of recommendation. Submit to: Fellowship in Aerospace History, American Historical Association, 400 A Street SE, Washington, DC 20003-3889. Names of the winner and alternate will be announced in May 1997.

The Max Planck Institute for the History of Science—Postdoctoral Fellowships 1997-98
The Max Planck Institute for the History of Science in Berlin announces one-year postdoctoral fellowships for outstanding junior scholars whose current research bears on the following topics: (1) "Demonstration, Proof, and Test" (theme of an interdisciplinary research group, 1997-98), in the context of not only mathematics and the natural and human sciences, but also the professions of law and medicine. Comparative research projects—e.g. the meaning and evaluation of evidence in science and law, how documents and artifacts are tested for authenticity in history and archaeology—are particularly welcome. (2) The historical development of scientific thinking from the perspective of cognitive science, e.g. the applications of concepts such as "frame" or "mental model" to historical questions. (3) The transition from classical to modern physics, in particular the genesis of the special and general theories of relativity. (4) The development of the fundamental concepts of mechanics, from antiquity to the early modern period. (5) The history of experimentation in its relation to theorizing, generalizing, and conceptualizing in the life sciences (18th to 20th century). (6) The history of material, pictorial, scriptural, and oral representation in scientific knowledge transmission. The fellowship is open to scholars of all nationalities, who have received their doctorate no earlier than 31 January 1992 and no later than 31 January 1997. Qualifications being equal, preference will be given to candidates with disabilities. The stipend for applicants from abroad is 3400 DM per month. Postdoctoral fellows would participate in research groups at the Institute in Berlin. Applicants are invited to send a curriculum vitae, a brief research proposal ( 500 words), a writing sample (e.g. a dissertation chapter or article), and two letters of recommendation, no later than 15 February 1997 to: Max Planck Institute for the History of Science, Wilhelmstrabe 44, 10117 Berlin, Germany.

American College of Obstetricians and Gynecologists and Ortho Pharmaceutical Corporation—Fellowships

Jobs, Fellowships/Grants, & Prizes

The UCLA Center for 17th- & 18th-Century Studies—Ahmanson & Getty Fellowships, 1997-98
Ahmanson & Getty Fellowships, 1997-98, are for participation in the Center/Clark’s yearlong interdisciplinary program, Messianism and Millenarianism amongst the Jews, Christians, and Moslems in Seventeenth- and Eighteenth-Century Europe, Asia, and America. Scholars who have received their Ph.D. within the last six years and are engaged in research pertaining to the theme are eligible to apply. Awards consist of one thousand dollars per quarter. The deadline is 15 March 1997. Please contact the Center for 17th- & 18th-Century Studies, 395 Lodd Hall, UCLA, Los Angeles, CA 90095-1404; phone 310-206-8552; fax 310-206-8577; e-mail c1718cs@humnet.ucla.edu. Additional information about the Center for 17th- & 18th-Century Studies can be found on the Internet (http://www.humnet.ucla.edu/humnet/c1718cs).

UCLA, William Andrews Clark Memorial Library—Fellowships
Clark Library Short-Term Fellowships, 1997-98, are for research in the seventeenth and eighteenth centuries or in other areas represented in the Clark’s collections. The stipends are $2,000 per month. The deadline is 15 March 1997. Contact Clark Library, 2520 Cimarron Street, Los Angeles, CA 90018-2098; phone 213-735-7605; fax 213-732-8744; e-mail clarkfel@humnet.ucla.edu. Additional information about the William Andrews Clark Memorial Library can be found on the Internet (http://www.humnet.ucla.edu/humnet/c1718cs).

The Johns Hopkins University—The Harry Woolf Fellowship
The Department of the History of Science, Medicine and Technology at the Johns Hopkins University welcomes applications from outstanding entering students for a program in the history of early modern science, medicine or technology leading to the degree of Doctor of Philosophy. Financial aid includes a generous stipend, full tuition, health benefits, and a research allowance. Assistance is provided
The Lemelson Center’s senior fellows program supports projects that present creative approaches to the study of invention and innovation in American society. Lemelson Fellows are expected to reside in Washington, D.C., during the term of their tenure, and, in addition to pursuing their own project, to participate in the activities of the Lemelson Center. The Center offers senior fellowships to scholars and practitioners, but does not consider applications for projects leading to completion of an advanced degree. Proposals must be directly relevant to the Center’s mission of recording, interpreting, and disseminating information about the role of invention and innovation in the history of the United States. Duration of fellowships may range from 2 to 6 months and carry a stipend of $3,000 per month, which includes all research and travel allowances. Approximately four fellowships will be awarded annually. Application deadline is 15 January 1997. Fellowships will be announced by April 15, 1997. For application forms and further information, please contact: Eva Fischer, Fellowship Coordinator, Lemelson Center, National Museum of American History, Room 1016, MRC 604, Washington, DC 20560, Phone: 202-357-1593, Fax: 202-357-4517, E-mail: FISCHER@NMAH.SI.EDU. The Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation was established at the National Museum of American History in 1995 through a gift from the Lemelson Foundation. Its mission is to document, interpret, and disseminate information about invention and innovation. Through a variety of programs, the Center hopes to encourage inventive creativity in young people and foster an appreciation for the central role invention and innovation play in the history of the United States.

The American Association for the Advancement of Science—1997-98 Public Policy Fellowships for Scientists and Engineers
The American Association for the Advancement of Science invites applications for one-year public policy fellowships, which bring scientists and engineers to Washington, D.C., to work in Congress, the U.S. Department of State, the U.S. Agency for International Development, the U.S. Environmental Protection Agency (EPA), the U.S. Department of Agriculture, and the RAND Critical Technologies Institute. Additional fellowships at EPA are for 10 weeks in the summer. Applicants must be U.S. citizens and must have a Ph.D. or equivalent doctoral level degree at the time of application (January 1997) from any physical, biological, or social science or any field of engineering. Persons with a master’s degree in engineering and at least three years of post-degree experience may also apply. Federal employees are not eligible for the fellowships. The programs are designed to provide each Fellow with a unique public policy learning experience and to make practical contributions to the more effective use of scientific and technical knowledge in the U.S. government. Stipends vary by program. All applications must be postmarked by 15 January 1997. For further information and application instructions call 202/326-6600, fax 202/289-4950, or e-mail science_policy@aaas.org.

Cornell University—Peace Studies Program
The Peace Studies Program at Cornell University invites applications for a one-year postdoctoral fellowship beginning fall 1997 for persons trained in the physical or biological sciences who wish to pursue postdoctoral work on policy issues in the area of international security. The successful applicant will be expected to participate in an ongoing faculty/student working group on technical aspects of arms control and peacekeeping and to conduct research on a topic of his/her own choice. Salary $30,000, plus benefits and research budget. All requirements for the Ph.D. must be completed at the time of appointment. Send curriculum vitae, a brief statement of research interests and the names of three references to: Elaine Scott, 130 Uris Hall, Cornell University, Ithaca, NY 14853-7601. Review of applications will begin 1 April 1997. Cornell University is an equal opportunity/affirmative action employer.

Charles Babbage Institute—The Adelle and Erwin Tomash Graduate Fellowship in the History of Information Processing
The Charles Babbage Institute is accepting applications for the Adelle and Erwin Tomash Graduate Fellowship to be awarded for the 1997-98 academic year to a graduate student whose dissertation will address a topic in the history of computers and information processing. The fellowship may be held at the recipient’s home academic institution, or any other location where there are appropriate research facilities. All expenses. Priority is given to students who have completed all requirements for the doctoral degree except the research and writing of the dissertation. Applicants should send biographical data and a research plan including a statement and justification of the research problem, a discussion of methods, research materials, and evidence of faculty support for the project. Applicants should also arrange for three letters of reference and certified transcripts of graduate school credits to be sent directly to the Charles Babbage Institute, University of Minnesota, 103 Walter Library, 117 Pleasant Street S.E., Minneapolis, MN 55455, U.S.A. Telephone 612/624-5050, FAX 612-625-8054. The closing date is 15 January 1997. The Charles Babbage Institute was founded in 1978 with the goal of conducting and promoting historical research in information processing. The Institute maintains an archival center, conducts historical research,
serves as a clearinghouse for historical information, and sponsors other scholarly activities. In honor of past generous support by Adelle and Erwin Tomash, the Institute is able to advance the professional development of historians of information processing by offering a Predoctoral Fellowship.

Institute for Advanced Study—Mellon Fellowships for Assistant Professors
The School of Historical Studies at the Institute for Advanced Study, with the support of the Andrew Mellon Foundation, has established a program of one year memberships for assistant professors at universities and colleges in the United States and Canada to support promising young scholars who have embarked on professional careers. While at the Institute, they will be expected to engage exclusively in scholarly research and writing. Two appointments will be made for 1997-98. Assistant Professors in are as represented in the School of Historical Studies (Greek and Roman civilization, the history of Europe, Islamic culture, the history of modern international relations, and the history of art) may apply, provided at the time of their arrival they will have served at least two and not more than four years as assistant professors in institutions of higher learning in the United States or Canada and provided they can return to their institution. Appointments will be for one full year (July 1 through June 30 with the option of staying through the second summer until August 15) and will carry all the privileges of Membership at the Institute for Advanced Study. The stipend will match the combined salary and benefits at the Member’s home institution. Applications may be obtained from the Administrative Officer, School of Historical Studies, Institute for Advanced Study, Princeton, New Jersey 08540 and should be returned to the Administrative Officer by 30 January 1997. Applicants should submit a c.v., a bibliography of publications, a concise account (not more than three pages) of the work to be performed during the tenure of the membership, and three letters of recommendation. Copies of published writings should be submitted and additional documentation (such as a copy of the thesis) may be requested. As part of the selection process, short-listed applicants will be requested to come to the Institute for an interview in early March. Awards will be announced by April 1.

UCLA Humanities Consortium—Mellon Postdoctoral Fellowships
The UCLA Humanities Consortium will appoint three Andrew W. Mellon two-year Postdoctoral Fellows each year for three academic years beginning 1997. Each fellow will receive a two-year appointment and be associated with one of the UCLA Humanities Consortium’s research units: the Center for Medieval and Renaissance Studies, the Center for Seventeenth and Eighteenth Century Studies, or the Center for Modern and Contemporary Studies. During the period of their fellowship, fellows will participate in a year-long inter-disciplinary seminar and will teach two courses of their own design. The seminar topic for the initial group of scholars entering in 1997 will be Science and the Humanities: the Two Cultures Debate Revisited. Applicants should send a letter of application, a curriculum vitae, and three letters of recommendation by 1 March 1997 to: Professor Patrick J. Geary, Director, UCLA Humanities Consortium, University of California, Los Angeles, Box 951485, Los Angeles, California, 90095-1485. UCLA is an Equal Opportunity/Affirmative Action Employer.

International Research & Exchange Board (IEX) Short-Term Travel Grant Program
The International Research & Exchange Board (IEX) offers travel grants for brief visits (limited to 30 days) to the countries of Central/Eastern Europe and the Newly Independent States of Eurasia, for projects in the humanities and social sciences only. These grants are for projects which do not require any administrative assistance or logistical support (such as placement or access to archives, housing, visas, travel, etc.). Applicants must have a Ph.D. or equivalent professional/terminal degree in the project discipline at the time of application, and must be a United States citizen or permanent legal resident of the United States. This program funds: individual scholarly research visits to archives, libraries, museums, etc., or to conduct research interviews; presentations at scholarly conferences focused on Central/Eastern Europe and/or Eurasia; and collaborative projects such as joint publications and comparative surveys. All projects should seek to advance American public, cultural, and historical knowledge of the Central/Eastern European and/or Eurasian regions. IEX also has extremely limited funding available to American scholars to invite international scholars from IEX’s program countries to the United States for collaborative projects only. The American scholar is considered the applicant, and both scholars must hold a Ph.D. or professional/terminal degree. Projects seeking funding only or primarily for an international scholar's participation in a conference, or for an international scholar's individual research will not be eligible for consideration. Preference will be given to projects involving international scholars who have not previously had the opportunity to travel outside the region for research or conference participation and who are from traditionally underrepresented regions. Provisions: Grants normally do not exceed $3,000, and provide funding for only one person and one trip per application. Funds are provided for transit airfare on a US flag carrier; per diem for up to 14 days, not to exceed $100/day; conference registration fee to attend a conference; visa application costs; and some miscellaneous expenses. This program will not fund projects which require travel of more than 30 days; projects related to Germany; projects which are primarily institutional exchanges; projects that are part of a prearranged study travel group; or institutional overhead or other administrative fees. Deadline for receipt of completed applications: 1 February 1997; 1 June 1997. Prospective applicants should request application materials from IEX in advance of the application deadline. The application consists of an application form; 3-5 page proposal essay; applicant’s abbreviated curriculum vitae; and an official letter of invitation for conferences, consultations, or collaborative projects. Notification is made in writing approximately 8 weeks after the application deadline. For more information contact: International Research & Exchange Board, 1616 H Street, NW, Washington, DC 20006. Telephone: (202) 628-8188. Fax: (202) 628-8189. E-mail: irex@info.irex.org (abbreviated program information—please see 1996-1997 application for full guidelines).

IEEE History Center Internship
Scholars at the beginning of their career studying the history of electrical technology are invited to contact the Center to be considered for a summer internship at the Center’s offices in New Brunswick, New Jersey. The summer intern program seeks to provide research experience for graduate students in the history of electrical technology, while enlisting the help of promising young scholars for the Center’s projects. Summer interns usually work full-time at the History Center on Center projects that are connected to their own area of interest. They are also encouraged to consult with the Center’s staff and its associates, and guided to research resources in the area. Special consideration is often given to scholars from outside the United States who might not otherwise have an opportunity to visit historical resources in this country. The stipend paid to the summer intern depends on the interns circumstances, taking factors such as travel costs into account. For more information, contact: IEEE History Center Internship program, 39 Union Street, New Brunswick, NJ 08903; history@ieee.org.

Life Members’ Fellowship in Electrical History
The IEEE Fellowship in Electrical History supports either one year of full-time graduate work in the history of electrical science and technology at a college or university of recognized standing, or up to one year of post-doctoral research for a scholar in this field who has received his Ph.D. within the past three years. The stipend is $14,000. Candidates with undergraduate degrees in engineering, the sciences, or the humanities are eligible for the Fellowship. For pre-doctoral applicants, however, the award is conditional upon acceptance of the candidate into an appropriate graduate program in history at a school of recognized standing. In addition, pre-doctoral recipients may not hold or subsequently receive other fellowships, but they may earn up to $5,000 for work that is directly related to their graduate studies. Pre-doctoral Fellows must pursue full-time graduate work and evidence of satisfactory academic performance is required. These restrictions do not apply to post-doctoral applicants. The Fellow is selected on the basis of the candidate’s potential for pursuing research in and contributing to electrical history. This completed application packet should be sent to the Chairman, IEEE Fellowship in Electrical History Committee, Center for the History of Electrical Engineering, Rutgers—The State University of New Jersey, 39 Union Street, P.O. Box 5062, New Brunswick, NJ 08903-5062. The deadline for receipt of applications is 1 February 1997. Applicants will be notified of the results by 15 April. The IEEE Fellowship in Electrical Engineering History is administered by the IEEE History Committee and supported by the IEEE Life Member Fund.

Hagley Museum and Library
Center for the History of Business, Technology, and Society. Henry Belin du Pont Fellowship supports advanced research at Hagley. Sponsored by the H. B. du Pont Memorial Fund, these fellowships offer a maximum stipend of $1500 per month. Applicants must be from out-of-state; degree candidates and persons seeking support for degree last from two to six months. In addition, there are Grants-in-Aid. Short term grants-in-aid support visits to Hagley for research in the imprint, manuscript, pictorial, and artifact collections. They are designed to assist researchers with travel and living expenses while using the collections. Stipends are for a minimum of two weeks and a maximum of eight weeks at no more than $1000 per month. Application deadlines: March 31, June 30, and October 31. For further information on these or other fellowship programs and an application packet, please write to Dr. Philip Scranton, Director, Center for the History of Business Technology, and Society, Hagley Museum and Library, PO Box 3 630, Wilmington, DE 19807, phone: 302-658-2400 fax: 302-655-3188, or email: crl@strauss.udel.edu.

Glenn E. And Barbara Hodsdon Ullyot Scholarship
The Chemical Heritage Foundation (CHF) is pleased to announce the availability of the Glenn E. and Barbara Hodsdon Ullyot Scholarship Fund. The purpose of the Ullyot Scholarship is to advance public understanding of how important the chemical sciences are to the public welfare. This is the second Ullyot Scholarship and it will be awarded for summer 1997; it offers a stipend of $2,000. The scholarship supports a minimum of four weeks research on the heritage of the chemical sciences utilizing the resources of CHF’s Othmer Library of Chemical History in Philadelphia, other area libraries, and associated resources. The Othmer Library houses primary sources from the sixteenth century through the mid-twentieth century, with emphasis on the last 100 years. The core of the library—is over 40,000 volumes that span the era from the Civil War through World War II—forms an unrivaled resource for the history of American chemical business and technology. To apply, please send four copies of a curriculum vitae, a one-page description of the proposed research, and the telephone number of two referees. The proposal should describe the study of a specific problem in the history of the chemical sciences. Applications must be received by 28 February 1997 and should be sent to Laurel Adelman, Chemical Heritage Foundation, 315 Chestnut Street, Philadelphia, PA 19106; 215/925-2222 (phone), 215/925-1954 (fax).

American Institute of Physics
Grants-in-aid for History of Modern Physics and Allied Sciences. The Center for History of Physics of the American Institute of Physics has increased the funding for its program of grants-in-aid, allowing support of additional scholars conducting research in the history of modern physics and allied sciences and their social interactions. Grants can be up to $2,500 each. They may be used only to reimburse direct expenses connected with the work. Preference will be given to those who need part of the funds for travel and subsistence to use the resources of the Center’s Niels Bohr Library in College Park, Maryland (easily accessible from Washington D.C.) or to microfilm papers or to tape-record oral history interviews with a copy deposited in the Library. Applicants should either be working toward a graduate degree in the history of science (in which case they should include a letter of reference from their thesis adviser), or show a record of publication in the field. To apply, send a vitae plus a letter of no more than two pages describing your research project, and including a brief budget showing the expenses for which support is requested. Send to: Spencer Weart, Center for History of Physics, American Institute of Physics, One
Establishment of the Eugene Garfield Postdoctoral Fellowship in the Chemical Heritage Foundation

The Chemical Heritage Foundation is pleased to announce the establishment of the Eugene Garfield Postdoctoral Fellowship in the History of Scientific Information. The Garfield Fellow will create a historiographical and bibliographical guide to the field, with emphasis on twentieth-century developments; conduct oral histories with two to four pioneers in the development of chemical information and identify emerging research opportunities in the field. The Garfield Fellow will be based in CHF’s Othmer Library, which moved early in 1996 to its permanent location at Independence national historical Park in Philadelphia. The Fellowship is for one year, with the possibility of renewal for a second year. Candidates should possess a Ph.D. in the history of science, technology, or medicine. Applicants should send a curriculum vitae, a two-page letter outlining their competencies in the field of scientific information and the relevance of the Garfield Fellowship to their career plans, and the names and telephone numbers of three referees to Professor Arnold Thackray, Executive Director, Chemical Heritage Foundation, 315 Chestnut Street, Philadelphia, PA 19106-2702. While there is no deadline for application, and the Fellowship will remain available until filled, early response to this notice is advised.

J. Elliott Royer Postdoctoral Research Fellowship

The Department of the History of Health Sciences, University of California, San Francisco, invites applications for the J. Elliott Royer Post-Doctoral Research Fellowship. A Ph.D. in history, with concentration in 18th-20th-century health-related topics, is required. Preference will be given to historians wishing to use the archival and library resources in the Bay Area. In addition to personal research and writing, the position also offers possibilities for limited teaching. Awards will be made for twelve months on the basis of merit, with a chance of renewal depending on resources. Stipend for the twelve month appointment is $2,250.00/month, and includes health benefits and a research allowance. Position available July 1, 1997. Inquiries should include a C.V., a brief research proposal, and three letters of recommendation from scholars familiar with the applicant’s work. Apply by 1 March 1997. For further information, contact: Chair, Department of the History of Health Sciences, University of California, San Francisco, 533 Parnassus Avenue, Box 0726, San Francisco, CA 94143-0726.

American Philosophical Society

The American Philosophical Society makes grants toward the cost of scholarly research in all areas of knowledge except those where support by government or corporate enterprise is more appropriate. Projects likely to culminate in scholarly publications are preferred; projects in the creative and performing arts, for the general readership, and educational materials for classroom are not eligible. Grants cover travel to the objects of research, purchase of photo reproductions of documents, and consumable professional supplies not available at the applicant’s institution. The Society makes no grants for study, salary replacement, travel to conferences, consultation with other scholars, assistance with data entry, publication or translation, or the purchase of permanent equipment, telephone calls or stationary. Eligibility: Applications are expected to have held the doctorate for at least one year. Foreign nationals applying from abroad must state precisely what objects of research, ONLY available in the United States, need to be consulted. Deadlines: January 1, for a decision by mid-April; March 1, for a decision by mid-June; July 1, for a decision by mid-October; and November 1, for a decision by mid-February. Amount of award: $5000 maximum ($4000 for full professors). Written requests for forms must indicate eligibility, specify the area of research, and state the proposed use of grant funds. Include a self-addressed mailing label. Telephone requests for forms cannot be honored. Two mailing addresses are valid: Committee on Research, American Philosophical Society, 104 S. 5th Street (or 150 S. Independence Mall East); Philadelphia, PA 19106-3387. An APS web site is under construction and should be available by the end of the summer 1996.

American Institute of the History of Pharmacy

The American Institute of the History of Pharmacy is accepting applications now through 1 February 1997 for grants-in-aid to foster graduate research (master’s or Ph.D. level) in the field. The Institute offers grants-in-aid totaling $5,000 annually to graduate students to encourage historical investigation of some aspects of pharmacy, and to pay research expenses not normally met by the university granting the degree. Thesis projects devoted to the history of pharmacy, history of medicine, or other humanistic study strongly related to pharmacy or using a pharmaco-historical approach will be considered for all or part of the funds available. In addition, AIHP is accepting applications now through 1 March 1997 for the Fischelis Grants for Research in the History of Pharmacy. Projects established by scholars devoted significantly to historical understanding of the modern practice of pharmacy in America will be considered for all or part of the $5,000 to be awarded yearly. The Fischelis granting program commemorates Robert F. Fischelis (1891-1981), an American pharmacist, administrator, author, educator, and benefactor of the AIHP. Dr. Fischelis, in establishing the Fischelis Fund of the AIHP, expressed his wish to stimulate more research in the contemporary history of American pharmacy. Previous projects supported by Fischelis funds include James Madison’s 1989 biography of Eli Lilly (Eli Lilly: A Life, 1885-1977) and an analysis by Robert Mrotek of changes in the structure and practice of pharmacy in the United States since the Second World War. Application guidelines for all grants can be obtained from the American Institute of the History of Pharmacy, Pharmacy Building, 425 N. Charter Street, Madison, WI 53706-1508; 608/262-5378 (phone), email: aihp@macs.wisc.edu.

PRIZES

Jerry Stannard Memorial Award
The Department of History at the University of Kansas announces the 1997 competition for the annual award in honor of the late Professor Jerry Stannard. The purpose of the award is to encourage research by young scholars in the fields that Professor Stannard made his own, namely of materia medica, medicinal botany, pharmacy, and folklore of drug therapy before the 1700s. Each year a cash award will be made to the author of an outstanding published or unpublished scholarly study in those fields. In 1997, the award will be $500. The petition is open to graduate students and to recent recipients of a doctoral degree (the Ph.D. degree or an equivalent), conferred not more than three years before the competition deadline. Entries must be received no later than 15 February 1997. For more information contact: The Stannard Award Committee, Department of History, Wescoe Hall, 3001, The University of Kansas, Lawrence, KS 66045-2130.

IEEE Life Members' Prize in Electrical History
The IEEE Life Members' Prize in Electrical History is administered by the Society for the History of Technology. The prize recognizes the best paper in electrical history published during the previous year, in this case during 1995. Any historical paper published in a learned journal or magazine is eligible if it treats the art or engineering aspects of electrotechnology and its practitioners. The committee invites submissions for the 1996 prize. Please send a copy of the paper to EACH member of the prize committee: Frederick Nebekir, Center for the History of Electrical Engineering, Rutgers University, 19 Union Street, New Brunswick, NJ 08903-5062; Ellen B. Koch, chair, 2503 Robinhood Suite, Houston, TX 77005; Richard Hirsh, Department of History, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061-0117. The closing date is 1 June 1997. The prize consists of a cash award of $500 and a certificate. For more information contact Lindy Biggs, Department of History, Auburn University, Auburn, AL 36849-5207; Fax (334) 84 4-6673; e-mail: biggslb@mail.auburn.edu.

Robert Troupe Paine Prize
Harvard University Press awards the Robert Troupe Paine Prize every four years for the best book written on a designated subject and published by Harvard University Press. Royalties and extra sales income are paid in addition to an award of $3000. For the prize to be awarded in 1998, the topic is "The History of the Natural Sciences." To be eligible, a manuscript must be submitted between January 1, 1994 and December 31, 1997, and accepted for publication by the Press. It must be an original, previously unpublished, book-length work on a topic within the broad area of the natural sciences. Its contribution may be in the area of significant new research, exposition for the interested layman, or innovative approaches to instruction. The Press welcomes manuscripts from the entire academic community for consideration for the prize and for publication within the HUP science publishing program. For details, contact Michael G. Fisher, Executive Editor for Science and Medicine, Harvard University Press, 79 Garden Street, Cambridge, Massachusetts 02138.

The Oral History Association invites applications for three awards to be presented in 1997 that will recognize outstanding work in the field. Awards will be given for a published book that uses oral history to advance an important historical interpretation or addresses significant theoretical or methodological issues; for a non print format production, including film, video, radio programming, exhibition, or dramatic production, that makes significant use of oral history to interpret a historical subject; and to a precollegiate teacher who has made outstanding use of oral history in the classroom. In all cases, awards will be given for work published or completed between January 1, 1995 and March 30, 1997. Awards are honorific and will be announced at the Association's annual meeting, to be held September 25-28, 1997, in New Orleans. The association welcomes entries and nominations from all who practice oral history, including academic scholars, educators, public history institutions and practitioners, independent and freelance professionals, libraries and archives, community-based groups and individuals, and others. For guidelines and submission information, write: Rebecca Sharpless, Executive Secretary, Oral History Association, Baylor University, PO Box 97234, Waco, TX 76798-7234; email: OHA_Support@Baylor.edu. Deadline for receipt of all nomination materials is 1 April 1997.

Nominate your colleagues and/or yourself for 1997 HSS Prizes and Awards
See Nomination form on page 13.
THE DEADLINE IS 1 APRIL 1997!

REMINDER!
NOMINATIONS FOR HSS OFFICERS ARE ON PAGE FOUR.
Ballots will be in the April Newsletter.
Take time to learn about the candidates NOW!

Out of the vast diversity of life forms in the world, a few selected organisms have dominated the biological literature: frogs (for physiology), chick eggs (embryology), hydra (regeneration), dogs (neurophysiology and immunology), or Drosophila (genetics), for example. Scientists have long felt that there is often a "right organism for the job." Yet, as usual, there is also more to that story. Biologists make many choices. At times, there is some well-articulated question or problem that defines a "job" and the task is to select the appropriate organism. Alternatively, neurophysiologists might turn to parts of an organism, such as the giant squid axon, while ecologists look to richly diverse tropical rain forests or sand dunes as their "organisms."

Sometimes, researchers develop a problem or question tailored to a given organism, as developmental biologists did with Drosophila. Or they may choose an organism to meet the requirement of a problem, as neurobiologists did with Caenorhabditis elegans, or may choose to compare across organisms. Sometimes, an established laboratory setting and available equipment or productive techniques inspire the range of choice organism, as electron microscopy led investigators to subject various species to their scrutiny. Finally, factors external to the scientific "job" may inspire or inform the particular choice of organism. For this seminar, we will look at case studies as well as more general considerations to explore the range of diverse influences that have shaped biologists' choices of, and about, organisms. With a collecting and dredging trip, laboratory experiences, and discussion of pre-assigned reading packets, we will work together as a group to consider such areas as:

- 19th century comparative natural historical study of diversity in morphology and embryology, communities in ecology, 20th century emphasis on biodiversity, concepts of "model organism," efficiency of concentrating on accessible and familiar organisms such as fruit flies or C. elegans, or the discarding of the whole organism with study squid axons, or molecular and chemical extractions.
- Further information and application materials (15 March deadline), write to: Dibner Institute for the History of Science and Technology; Dibner Building; MIT E56-100; Cambridge, MA 02139.

Organizers: Garland Allen (allen@biocdc.wustl.edu), John Beatty (jbeatty@maroon.tc.umn.edu), and Jane Mainschein (mainschein@asu.edu).

"Institute for the Editing of Historical Documents"
June 16-21, 1997

Contingent on funding, the twenty-sixth annual Institute for the Editing of Historical Documents will be held June 16-21, 1997, in Madison, Wisconsin. Jointly sponsored by the National Historical Publications and Records Commission (NHPRC), the State Historical Society of Wisconsin, and the University of Wisconsin, the Institute will provide detailed theoretical and practical instruction in documentary editing and publication. The Institutes have been extraordinarily productive, providing training to 420 participants to date. Of these, 68 are heading or have headed important documentary publication projects and many others have worked as full-time historical editors. Institute graduates also include college and university faculty, editors of state historical publications and staff editors of other publications, archivists, manuscript librarians, government historians, and graduate students from many universities. The 15-18 interns meet every morning and most afternoons for lectures and presentation by experienced editors. Three resident advisors are available for consultation during the term of the Institute. The 1997 faculty and their topics are: Michael Stevens (State Historical Society of Wisconsin), introduction to documentary editing; Diana Hadley (Documentary Relations of the Southwest), annotation; Richard Leffler (Documentary History of the Ratification of the Constitution), transcription; Beverly Wilson Palmer (Thaddeus Stevens Correspondence), selection and indexing; John P. Kaminski (Documentary History of the Ratification of the Constitution), promoting and funding editions; Beth Lucy (Arizona State University), publishing an edition; Michael Sperberg-McQueen (Text Encoding Initiative/Model Editions Project), electronic editions. Diana Hadley, Richard Leffler, and Beverly Wilson will serve as the resident advisors. Single accommodations for 15-18 scholars are provided at the Wisconsin Center Guest House on the U.W. campus. Application to the Institute is competitive, with numerous applicants every year from all over the country. Further information and application forms are available from the NHPRC, National Archives and Records Administration, Washington, DC 20408; phone (202) 501-5610; email: nhprc@arch1.nara.gov. The application deadline is 15 March 1997.

"Graduate Research Ethics Education Workshop"
June 4-8, 1997

The Graduate Research Ethics Education Workshop will be held June 4-8, 1997 at Indiana University. It is supported by the National Science Foundation; the Office of Research and the University Graduate School, Indiana University; the Association for Practical and Professional Ethics; and the Poynter Center for the Study of Ethics and American Institutions, Indiana University. Workshop participants will gain a conceptual understanding of research ethics and ethical thinking and an awareness of the ethical literature that informs these approaches. The historical context in which scientific misconduct has developed will be discussed as well as variations in conventions and expectations among differing disciplines. Participants will be asked to do some advance preparation for the workshop. Participants will receive up to $400 for travel, all meals and lodging at the workshop, books in research ethics valued at $200, and stipends of $200. To facilitate continual ethical discussion and support participants in their professional growth, they will have access to an electronic network for the length of the grant, which will promote networking among peers and mentors concerned with research ethics. Participants will be given membership in the Association for Practical and Professional Ethics for the duration of the grant and will
Seminars & Classes

be invited to submit papers on research ethics for the Annual Meeting. Postdoctoral fellows, students in the physical and natural sciences who have completed at least two years of graduate work, and engineering students who have completed at least one year of graduate work are eligible to apply. Applicants must be nominated by their mentors and must submit a two-page essay on why they wish to participate. The deadline for applications is 1 April 1997. Women and minorities are strongly encouraged to apply. The workshop will be held on the campus of Indiana University. For more information, contact: Brian Schrag, Ph.D., Project Director, "Graduate Research Ethics Education;" Association for Practical and Professional Ethics; 410 North Park Avenue; Bloomington, Indiana 47405. Phone: (812) 855-6450. Fax: (812) 855-3315. Email: app@indiana.edu [Internet]; app@indiana [Bitnet].

"Teaching Research Ethics"
June 25-28, 1997

The fourth annual "Teaching Research Ethics" workshop will convene at Indiana University June 25-28, 1997. Registrations are now being accepted. Attendance at the workshop will be limited to 30-45 participants, and the workshop fee is $300. Two additional, larger meetings will be held on Saturday, June 28. Workshop sessions will cover ethical theory, human subjects research, animal subjects research, responsible data management, collegiality and authorship, investigating scientific misconduct, conflicts of interest, and pedagogical techniques in teaching research ethics (including the use of case studies). Financial support for the workshop comes from Indiana University-Bloomington, Michigan State University, Northwestern University, The Ohio State University, Purdue University, University of Illinois-Urbana/Champaign, University of Iowa, University of Michigan, University of Minnesota, and University of Wisconsin-Madison. For more information: Kenneth D. Pimple, "Teaching Research Ethics" Project Director, Poynter Center, Indiana University, 410 North Park Avenue, Bloomington, IN 47405; (812) 855-0261; fax: 855-3315; pimple@indiana.edu; http://www.indiana.edu/~poynter/index.html.

Future Meetings

West Coast Faculty Network in the History of Health Sciences Workshop
February 28, 1997

The 1997 workshop of the West Coast Faculty Network in the History of Health Sciences will be held on Friday, February 28, 1997 at the Headlands Institute in Marin County. Members who wish to present a paper or work-in-progress should send an abstract by November 8, 1996. They may be sent by facsimile (415-476-9453), electronic mail (lewis@hhs.ucsf.edu), or regular post (at the above address). Our meetings have worked best as informal presentations, fifteen minutes per person, of works-in-progress. For registration information, contact: Jack D. Pressman, Associate Professor and Acting Chair, West Coast Network Meeting for Faculty in the History of Health Sciences, UCSF - History of Health Sciences; 533 Parnassus Avenue, Box 0726; San Francisco, CA 94143-0726; for fax and email, see above. For those who choose to attend the Network meeting, a January mailing will include a tentative agenda, information about the conference center, and transportation.

Symposium on the Foundations of Newtonian Scholarship
March 21, 1997

A symposium will be held in London at the Royal Society on March 21, 1997 to discuss recent developments in our understanding of Newton's scientific work. This meeting is sponsored jointly by the Royal Society and the History of Science Society (USA). The talks presented at this symposium will cover some of the recent advances in our understanding of Newton's two great masterpieces, the Principia and the Opticks.

To a great extent, these advances have been made possible by the editions published during the past 40 years of Newton's correspondence and mathematical and optical papers and variant readings of the third edition of the Principia. It is expected that this symposium will acquaint historians and philosophers of science and practicing scientists with these new developments, and that it will thereby stimulate further activity and progress in Newtonian Scholarship. The speakers will be J. B. Brackenridge, I. B. Cohen, A. Cook, A. R. Hall, M. Nauenberg, A.E. Shapiro, G.E. Smith, C. Wilson and D.T. Whiteside. All are welcome, but those intending to attend should contact one of the organizers for further particulars concerning the Symposium and its program. Organizing Committee: J. B. Brackenridge, Professor of Physics, Dibner Institute for the History of Science and Technology, Cambridge, MA,
Future Meetings

email address: brackenj@lawrence.edu ; R.H.Dalitz, em. Professor of Theoretical Physics, Oxford University, email address: dalitz@1.ph.ox.ac.uk; M.Nauenberg, em. Professor of Physics, University of California, Santa Cruz, CA 95064 email address: michael@mike.ucsc.edu, tel. 408-459-2736.

Midwest Junto For The History Of Science - Fortieth Annual Meeting
April 4-6, 1997

The fortieth annual meeting of the Midwest Junto for the History of Science will be held April 4 - 6, 1997, at Iowa State University, Ames, Iowa. The program committee invites proposal abstracts of no more than 100-150 words on all aspects of the history of science, technology, and medicine. Deadline for submissions is February 15, 1997; graduate students are especially encouraged to participate. For more information, please contact Amy Bix, History Department, 633 Ross Hall, Iowa State University, Ames, IA 50011; phone: (515) 294-0122; fax: (515) 294-6390; email: abix@lastate.edu.

33rd Annual Meeting—Joint Atlantic Seminar in History of Biology and Medicine
April 11-12, 1997

The 33rd annual meeting of the Joint Atlantic Seminar in the History of Biology and Medicine will be held April 11-12, 1997 and will be hosted by the Section of the History of Medicine, Yale University School of Medicine, New Haven, Connecticut. The program committee invites abstracts of no more than 300 words on all aspects of the history of biology, medicine, and the life sciences. Paper presentations will be limited to 20 minutes and must constitute original work not already published or in press. Submissions from graduate students, recent graduates, and junior faculty are especially encouraged. To maximize time for discussion, no more than ten papers will be selected for presentation on Saturday, April 12. Abstracts must be received by January 31, 1997; notification will be made by February 28, 1997. Registration material, and information on housing and possible travel grants will also be available in February. Abstracts, requests for registration material, and questions about the meeting should be directed to: Joint Atlantic Seminar 1997; c/o Section of the History of Medicine Yale University School of Medicine; L132 Sterling Hall of Medicine; 333 Cedar Street; P.O. Box 208015; New Haven, Connecticut 06520-8015; email: JOSPEHDG@biomed.med.yale.edu; phone: 203-785-4338 (Abstracts and correspondence, when possible, should be submitted by email.)

Language as Analogy in the Natural Sciences
November 21-23, 1997

An international conference will be held at the Deutsches Museum in Munich on Language as an analogy in the natural sciences from November 21-23, 1997. It will explore historical and current uses of analogies to language in the natural sciences. Analogies to language were and are common for physicists, biologists, mathematicians and computer scientists, and the conference will provide an occasion to look beyond disciplinary boundaries for a better understanding of how these analogies have functioned at different times and within different disciplines. Inquiries should be addressed to Matthias Dorries, Forschungsinstitut fuer Technik- und Wissenschaftsgeschichte, Deutsches Museum, 80333 Munich, Germany; phone (49) (89) 2179 423; fax: (49) (89) 2179239; email: (7911101@sunmail.urzmuenschen.de).

"Boys and Their Toys: Masculinity, Technology, and Work"
October 3, 1997

For a conference on October 3, 1997, the Center for the History of Business, Technology, and Society invites scholars to submit proposals for empirical papers that raise broad issues and offer fresh conceptualizations of the relationship between masculinity, technology, and work in America since the Civil War. We welcome historical essays as well as ethnographic studies coming from the fields of sociology, anthropology, and related social science disciplines. In considering paper proposals, we will interpret work broadly to include white and blue collar labor, and entrepreneurship. Propositions for individual papers should be no more than 500 words in length, and accompanied by a c.v. or resume. The deadline for submissions is April 1, 1997. Send to Dr. Roger Horowitz, Hagley Museum and Library, P.O. Box 3630, Wilmington DE 19807, or by fax to: 302-655-3188. For more information call 302-658-2400 or email: rh@udel.edu. Funds to support the travel expenses of paper presenters may be available.

Conference on the Need for a New Economics of Science, University of Notre Dame
March 13-16, 1997

Many recent works in science studies have adopted economic or quasi-economic metaphors for understanding science. Inspired by trends toward the actual practice and culture of science, many sociologists of scientific knowledge have come up with stories about interests, action, and exchange that look like the product of economic analysis. However, these metaphors are generally not fully elaborated. Motivated by movements toward economic perspectives on traditionally non-economic issues, many economists have started applying the tools of economic analysis to the behavior of scientists. However, these studies are largely silent about the influence of these analyses on the content of science. In response to tendencies toward antifoundationalism and naturalism, many philosophers of science have argued that scientific knowledge is constructed out of an economic process. However these explanations typically sidestep problems associated with welfare economics and the assumption of instrumental rationality in economics. Concomitantly, historians have noted a recent shift in social support for scientific research and science policy experts have analyzed issues such as the recent changes in financial support of science.

The purpose of this conference is to bring together science studies scholars, economists, philosophers of science, historians, science policy experts, and scientists in order to start a constructive dialogue about the promises and problems of alternative economic theories of the behavior of scientists and comparisons of science to a market. Request for registration material or further information should be
Future Meetings

directed to either Philip Mirowski or Esther-Mirjam Sent, Department of Economics, University of Notre Dame, IN 46556. The conference has an email address (econsci.1@nd.edu) and a Web-site (http://www.nd.edu:80/~econsci).

International Conference on Alexander Von Humboldt
May 29-31, 1997

At Goettingen University (Institute for the History of Science in cooperation with the Institute for the History of Medicine), a meeting will be held, May 29-31, 1997, bringing together an interdisciplinary group of 300 scholars to discuss "New Perspectives on Alexander Von Humboldt." Those wishing to participate and receive a copy of the program should contact: Nicolaas Rupke, Institute for the History of Science, Humboldtallee 11, D-37073 Goettingen, Germany; email: nrupke@gwdg.de; fax: +49 (551) 39-9748.

Fortieth Annual Missouri Valley History Conference
March 6-8, 1997

The 40th Annual Missouri Valley History Conference will be held in Omaha, Nebraska, March 6-8, 1997. Proposals for papers and sessions in all areas of history are welcome. Such proposals, accompanied with one-page abstract and vita, should be sent to Lorraine Gesick, Program Chair, MVHC, University of Nebraska at Omaha, Omaha, NE 68102. The Society of Military History holds sessions in conjunction with the MVHC. Please send proposals for papers and sessions on military history topics to: Mark R. Grandstaff, History Department, Brigham Young University, 414 KMB, PO Box 24446, Provo, UT 84602.

Cheiron: The International Society for the History of the Behavioral and Social Sciences
June 19-22, 1997

Cheiron: The International Society for the History of the Behavioral and Social Sciences will hold its annual meeting at the University of Richmond in Richmond, Virginia June 19-22, 1997. Submissions of papers, posters, symposia, or workshops are invited. They may deal with any aspect of the history of the behavioral and social sciences, or with related historiographical and methodological issues. For details on how to submit materials, contact: John Carson, Cheiron Program Chair, Department of Science and Technology Studies, 632 Clark Hall, Cornell University, Ithaca, NY 14853-2501; email: jsc150@cornell.edu; phone: 607-255-6048; fax: 607-255-6044. Submission deadline is February 1, 1997. Travel awards are available to help defray expenses of students who present papers or posters.

"Medicine, Science, and Enlightenment, 1685-1789"
August 11-14, 1998

Proposals for papers and/or sessions are invited for a conference to be held August 11-14, 1998 in Edinburgh, Scotland, on the theme "Medicine, Science, and Enlightenment, 1685-1789," sponsored by the Institute for Advanced Studies in the Humanities, University of Edinburgh. The deadline for proposals is September 1, 1997, and they should be sent to the program coordinators: Professor Roger Emerson, Department of History, Social Sciences Centre, University of Western Ontario, London, Ontario, Canada, N6A 5C2; email: emerson@scl.uwo.ca and Professor Paul Wood, Department of History, University of Victoria, P.O. Box 3045, Victoria, BC, Canada V8W 3P4; email: pbwood@uvvm.uvic.ca. Conference participants are encouraged to take part in the Institute Project: European Enlightenment, sponsored by the Institute for Advanced Studies in the Humanities, University of Edinburgh. Information regarding the Institute Project and the Fellowship program administered by the Institute can be obtained by writing: Professor Peter Jones, Institute for Advanced Studies in the Humanities, University of Edinburgh, Hope Park Square, Edinburgh, EH8 9NW, Scotland, U.K.

"Ethics in the Life Sciences—History and Philosophy"
June 26-29, 1997

The German Society for the History and Philosophy of Biology (DGGBT) announces its Sixth Annual Meeting to be held at the University of Tübingen, Germany, June 26-29, 1997. The general topic will be "Ethics in the Life Sciences—History and Philosophy." Program submissions (including abstracts) are welcome and must be postmarked by January 31, 1997. For further information please contact the 20th Century Group, the president of the society: Dr. Michael Weingarten, Mainzerstr. 19, D-55294 Bodenheim, Tel: +49 6135 2131. Or the president of the society: Professor Hans-Joerg Rheinberger, Institut fuer Genetik und Allgemeine Biologie, Universitaet Salzburg, Hellbrunnerstr. 34, A-5020 Salzburg, Austria, fax: +43 662 8044 144, email: hansjoerg.rheinberger@sbg.ac.at.

International History, Philosophy, and Science Teaching Group—North and South America Regional Conference
June 21-24, 1997

A regional conference of the International History, Philosophy, and Science Teaching Group will be held June 21-24, 1997, at the University of Calgary, Calgary, Canada. The Dean of the Faculty of Education, Professor Ian Winchester, will be the conference chair. Although a regional conference, all members of the International Group, and others, are welcome to attend. Proposals for contributed papers, workshops, discussion groups, and exhibits of curricular and instructional materials related to the purposes of the conference are now being accepted. Four copies of the proposal or paper should be sent. For submission details, and requests registration information, contact: Ms. Linda Lenz at: Faculty of Education, University of Calgary, Calgary, Alberta, CANADA T2N 1N4, email: hpsst@acs.ucalgary.ca.
**ISIS Books Received**  
(as of December 24, 1996)

**Note:** Prior to the publication of each Newsletter, the HSS Executive Office receives from the Isis Editorial Office a list of books received by that office for potential review. This list appears here quarterly; it is not compiled from the annual Current Bibliography.


Anderson, David G.; Sassaman, Kenneth E. (Editors). *The Paleoenvironment and Early Archaic Southeast.* xvi + 526 pp., frontis., illus., figs., tables, bibl., index. Tuscaloosa/London: University of Alabama Press, 1996. (Paper.)

Ausejo, Elena; Hormigón, Mariano (Editors). *Paradigms and Mathematics.* xviii + 501 pp., illus., tables. Madrid: Siglo XXI de España Editores, 1996. (Paper.)

Baigrie, Brian S. (Editor). *Picturing Knowledge: Historical and Philosophical Problems Concerning the Use of Art in Science.* xxiv + 389 pp., illus., bibl., index. Toronto/ Buffalo: University of Toronto Press, 1996. $80, £59 (cloth); $24.95, L18.50 (paper).


Bateman, Bradley W. *Keynes's Uncertain Revolution.* xii + 183 pp., bibl., index. Ann Arbor: University of Michigan Press, 1996. $42.50, £34.


Bimber, Bruce. *The Politics of Expertise in Congress: The Rise and Fall of the Office of Technology Assessment.* xii + 128 pp., illus., tables, bibl., index. Albany: State University of New York Press, 1996. $15.95 (paper).

Block, Dr. Mary Ann. *No More Ritual: Treating ADHD without Drugs.* xii + 144 pp., bibl., index. New York: Kensington Books, 1996. $14, Can $18 (paper).

Brock, C. Helen. *Calendar of the Correspondence of Dr. W. M. Hunter, 1740-1783.* (Cambridge Wellcome Texts and Documents, 4.) xiv + 124 pp., index. Cambridge: Wellcome Unit for the History of Medicine, 1996. L10 (paper).


Chamla, Mino. *Spinaza e il Concetto della Tradizione Ebraica.* (Filosofia e scienza nel Cinquecento e nel Seicento, 496.) 222 pp., bibl., index. Milan: FrancoAngeli, 1996. L 34,000 (paper).

Cherry, Steven. *Medical Services and the Hospitals in Britain, 1860-1939.* (New Studies in Economic and Social History.) viii + 93 pp., tables, bibl., index. Cambridge/New York: Cambridge University Press, 1996. $27.95 (cloth); $9.95 (paper).


Collins, Glenn B.; Shepherd, Robert J. (Editors). *Engineering Plants for Commercial Products and Applications.* (Annals of the New York Academy of Sciences, 792.) xiii + 181 pp., illus., figs., tables, index. New York: New York Academy of Sciences, 1996. $100 (paper).

Cueto, Marcos (Editor). *Salud, cultura y sociedad en America Latina.* (Estudios Historicos, 20.) 253 pp., tables. Lima/
**ISIS Books Received**


Dick, Steven J. The Biological Universe: The Twentieth-Century Extraterrestrial Life Debate and the Limits of Science. xvi + 578 pp., frontis., illus., figs., tables, bibl., index. Cambridge/New York: Cambridge University Press, 1996. $54.95.

Duhem, Pierre. Essays in the History and Philosophy of Science. Translated and Edited, with Introduction, by Roger Ariew and Peter Barker. xx + 290 pp., index. Indianapolis: Hackett Publishing, 1996. $39.95 (cloth); $19.95 (paper).

Edgerton, David. Science, Technology and the British Industrial "decline," 1870-1970. (New Studies in Economic and Social History.) viii + 88 pp., tables, bibl., index. Cambridge/New York: Cambridge University Press, 1996. $29.95 (cloth); $9.95 (paper).


Eisler, William. The Farthest Shore: Images of Terra Australis from the Middle Ages to Captain Cook. xii + 180 pp., illus., index. Cambridge/New York: Cambridge University Press, 1995. $65.


Fox, Robert. Technological Change: Methods and Themes in the History of Technology. (Studies in the History of Science, Technology and Medicine, 1.) vi + 271 pp., illus., index. Amsterdam: Harwood Academic Publishers, 1996. $54, L36.

Freeman, Eva C. (Editor). MIT Lincoln Laboratory: Technology in the National Interest. xvii + 290 pp., illus., figs., apps., index. Lexington, MA: Lincoln Laboratory, 1995.

French, Roger; Cunningham, Andrew. Before Science: The Invention of the Friars' Natural Philosophy. 298 pp., illus., bibl., index. Hants, Eng.: Scolar Press, 1996. Li8.95.


Galliher, John F.; Galliher, James M. Marginality and Dissent in Twentieth-Century Sociology: The Case of Elizabeth Briant Lee and Alfred McClung Lee. (SUNY Series in Deviance and Social Control.) xi + 249 pp., illus., bibl., index. Albany: State University of New York Press, 1995. $17.95.

Golgi, Camillo. Sulla fina anatomia degli organi centrali del sistema nervoso. Edited by Alberto Oliverio. (Biblioteca della Scienza Italiana, 10.) 264 pp., illus., index. Florence: Giunti, 1995.


Guide for the Care and Use of Laboratory Animals. Institute of Laboratory Animal Resources, Commission on Life Sciences, National Research Council. xii + 125 pp., tables, bibl., index. Washington: National Academy Press, 1996. $9.95 (paper).

Harrington, Anne. Reenchedant Science: Holism in German Culture from Wilhelm II to Hitler. xiv + 309 pp., illus., bibl., index. Princeton: Princeton University Press, 1996. $39.50, £29.95.

Haynes, Raymond; Haynes, Roslyn; Malin, David; McGee, Richard. Explorers of the Southern Sky: A History of Australian Astronomy. xiv + 527 pp., illus., bibl., index. Cambridge/New York: Cambridge University Press, 1996. $90.


Hermes, Matthew E. Enough for One Lifetime: Wallace Carothers, Inventor of Nylon. (History of Modern Chemical Sciences.) xviii + 345 pp., frontis., illus., figs., bibl., index. N.p.: American Chemical Society; Chemical Heritage Foundation, 1996.

Hetherington, Norris S. Hubble's Cosmology: A Guided Study of Selected Texts. (Pachart History of Astronomy, 11.) xx + 218 pp., illus., figs., tables, bibl., index. Tucson, Ariz.: Pachart Publishing House, 1996. (Paper.)
History of Science Society Newsletter

**ISIS Books Received**


Hildegarde of Bingen. Secrets of God: Writings of Hildegarde of Bingen. Selected and translated from Latin by Sabina Flanagan. xii + 186 pp., illus., bibl., index. Boston/London: Shambhala, 1996. (Paper.)


Houck, Lynne D.; Drickamer, Lee C. (Editors). Foundations of Animal Behavior: Classic Papers with Commentaries. xvi + 842 pp., illus., figs., bibls. Chicago/London: University of Chicago Press, 1996. $95, L75.95 (cloth); 34.95, L27.95 (paper).


Laslett, Barbara; Kohlstedt, Sally Gregory; Longino, Helen; Hammonds, Evelyn (Editors). Gender and Scientific Authority. viii + 449 pp., illus., figs., bibls., index. Chicago/London: University of Chicago Press, 1996. $30 (cloth); $19.95 (paper).

Leavitt, Judith Walzer. Typhoid Mary: Captive to the Public's Health. xx + 331 pp., illus., index. Boston: Beacon Press, 1996. $25.


Linden, Stanton J. Darke Hieroglyphicks: Alchemy in English Literature from Chaucer to the Restoration. x + 373 pp., illus., bibl., index. Lexington: University Press of Kentucky, 1996. $45.

Löneke, Regina; Spieler, Ilza. Relinische Leiberschutzutsche Geschäfte: Körperhygiene un Relinichssitvostellungen in zwei Jahrhunderten. 303 pp., illus., tables, bibl. Göttingen: Wallstein Verlag, 1996. DM 38, Os 281, SF 37 (paper).


Mahony, Patrick J. Freud's Dora: A Psychoanalytic, Historical, and Textual Study. xvi + 170 pp., bibl., index. New Haven/London: Yale University Press, 1996. $23.50.


Margolis, Howard. Dealing with Risk: Why the Public and the Experts Disagree on Environmental Issues. x + 227 pp., illus., figs., tables, bibl., index. Chicago/London: University of Chicago Press, 1996. $27.95, £21.95.

Mayo, Deborah G. Error and the Growth of Experimental Knowledge. (Science and Its Conceptual Foundations.) xvi + 493 pp., frontis., illus., figs., tables, bibl., index. Chicago/London: University of Chicago Press, 1996. $74, £59.25 (cloth); $29.95, £23.95 (paper).

McAllister, James W. Beauty and Revolution in Science. xiv + 231 pp., illus., bibl., index. Ithaca, N.Y./London: Cornell University Press, 1996. $29.95.

Medina Doménech, Rosa María. ¿Curar el cáncer?: Los orígenes de la radioterapia española en el primer tercio del siglo XX. 301 pp., illus., tables, bibl., index. Granada: Universidad de Granada, 1996. (Paper.)


Merton, Robert K. On Social Structure and Science. Edited with and introduction by Piotr Szompan. xvi + 386 pp., bibl., index. Chicago/London: University of Chicago Press, 1996. $55, L43.95 (cloth); $19.95, £15.95 (paper).
**ISIS Books Received**

Edited by M.A. Notturno. xi + 158 pp., figs., tables, bibl., index. London/New York: Routledge, 1994. $14.95 (paper), Can $20.95 (paper).


Raichvarg, Daniel. Louis Pasteur: L’empire des microbes. (Découvertes Gallimard, 235.) 144 pp., illus., figs., bibl., index. [Paris]: Gallimard, 1995.

Riehl, Nikolaus; Seitz, Frederick. Stalin’s Captive: Nikolaus Riehl and the Soviet Race for the Bomb. (History of Modern Chemical Sciences.) xviii + 218 pp., frontis., illus., bibl., index. [N.p.]: American Chemical Society and the Chemical Heritage Foundation, 1996.

Ruestow, Edward G. The Microscope in the Dutch Republic: The Shaping of Discovery. xii + 348 pp., illus., bibl., index. Cambridge/New York: Cambridge University Press, 1996. $59.95.

Sanitt, Nigel. Science as a Questioning Process. xii + 172 pp., illus., figs., index. Bristol/Philadelphia: Institute of Physics, 1996. £20.


Schäfer, Lothar; Stroker, Elisabeth (Editors). Naturausfassungen in Philosophie, Wissenschaft, Technik. Vol. 4. 255 pp., tables, bibl., index. Freiburg/Munich: Verlag Karl Alber, 1996. DM 84, Os 622, SFr 80.

Schiller, Herbert I. Information Inequality: The Deepening Social Crisis in America. xvi + 149 pp., index. New York/London: Routledge, 1996. $55, Can $73.95 (cloth); $16.95, Can $22.95 (paper).


Shearer, Benjamin F.; Shearer, Barbara S. (Editors). Notable Women in the Life Sciences: A Biographical Dictionary. x + 440 pp., illus., apps., index. Westport, Conn.: Greenwood Press, 1996.

Sheehan, William. The Planet Mars: A History of Observation and Discovery. x + 270 pp., illus., bibl., index. Tucson: University of Arizona Press, 1996. $45 (cloth); $19.95 (paper).

Sheriff, Carol. The Artificial River: The Erie Canal and the Paradox of Progress, 1817–1862. xx + 251 pp., illus., bibl., index. New York: Hill and Wang, 1996. $21.

Shipley, Thorne. Intersensory Origin of Mind: A Revisit to Emergent Evolution. xx + 251 pp., illus., bibl., index. London/New York: Routledge, 1995. $65, Can $90.95.


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**Müller, David Philip; Reill, Peter Hans (Editors). Visions of Empire: Voyages, Botany, and Representations of Nature. x + 370 pp., frontis., illus., figs., index. Cambridge/New York: Cambridge University Press, 1996. $59.95.**

**Miller, H. Lyman. Science and Disint in Post-Mao China: The Politics of Knowledge. xii + 370 pp., bibl., index. Seattle/London: University of Washington Press, 1996. $38 (cloth); $18.95 (paper).**

**Müller, Gerhard H. Friedrich Ratzel (1844–1904): Naturwissenschaftler, Geograph, Gelehrter. 194 pp., bibl., index. Stuttgart: Verlag für Geschichte der Naturwissenschaften und der Technik, 1996. DM 64.**

**Nader, Laura (Editor). Naked Science: Anthropological Inquiry into Boundaries, Power and Knowledge. xvi + 318 pp., illus., figs., tables, bibl., index. New York/London: Routledge, 1996. $22.95, Can $31.95.**

**Newman, Karen. Fetal Positions: Science, Society, and Knowledge. (Writing Science.) xvi + 157 pp., illus., bibl., index. Stanford: Stanford University Press, 1996. $39.50 (cloth); $16.95 (paper).**


**Paris, Bernard J. Karen Horney: A Psychologist’s Search for Self-Understanding. x + 270 pp., illus., bibl., index. New Haven/London: Yale University Press, 1994. $35 (cloth); $17 (paper).**

**Peters, Tom F. Building the Nineteenth Century. xvi + 535 pp., illus., bibl., index. Cambridge: MIT Press, 1996. $40.**

**Poppema, Suzanne, M.D. Why I Am an Abortion Doctor. Written with Mike Henderson. 266 pp., apps., index. Amherst, N.Y.: Prometheus Books, 1996. $25.95.**

**Popper, Karl R. Knowledge and the Body-Mind Problem: In Defence of Interaction.**


Stocking, George W., Jr. Volkegeist as Method and Ethic: Essays on Boasian Ethnography and the German Anthropological Tradition. (History of Anthropology, 8.) viii + 347 pp., illus., bibls., index. Madison, Wis./London: University of Wisconsin Press, 1996. $27.50.


Ten, Antonio E. Medir el Metro: La historia de la prolongación del arco de meridiano Dunkerque-Barcelona, base del Sistema Métrico Decimal. (Cuadernos Valencianos de Historia de la Medicina y de la Ciencia, serie A (monografías).) 207 pp., index. Valencia: Instituto de Estudios Documentales e Históricos sobre la Ciencia Universitat de València-C.S.I.C., 1996.

Tourney, Christopher P. Conjuring Science: Scientific Symbols and Cultural Meanings in American Life. x + 197 pp., bibl., index. New Brunswick, N.J.: Rutgers University Press, 1996. $47 (cloth); $16.95 (paper).


Wargo, John. Our Children's Toxic Legacy: How Science and Law Fail to Protect Us from Pesticides. xvi + 380 pp., illus., figs., index. New Haven/London: Yale University Press, 1996.