HSS AND THE INTERNATIONAL COMMUNITY

The world has witnessed enormous geopolitical changes over the past five years. Following the collapse of the Berlin Wall, the dissolution of the Soviet Union and the Eastern bloc in Europe, and the gradual normalization of relations with China, the world has become a much more open sphere. It is not uncommon for HSS members to travel to countries that have been closed to Americans for much of the twentieth century. Our colleagues are discovering archival sources and library materials that have been unavailable to them previously.

At the same time our world has expanded, the world-wide economic recession has prevented our international colleagues from access to our country and to our profession's resources. Many colleagues who live in countries that lack hard currencies find themselves unable to afford subscriptions to American journals and memberships in academic societies. For example, the modest dues for HSS (which includes a subscription to Isis and to the HSS Newsletter) represents the approximate equivalent in hard currency of two months' salary for our colleagues in Russia. Obviously, this places a membership in HSS beyond the reach of many of our colleagues in central and eastern Europe. The same situation prevails in other countries of the world (for similar problems in Cuba, see the article by Joan Bromberg following in "News of the Profession").

When Sally Gregory Kohlstedt was president of HSS, she worked to increase the international visibility of the Society by extending invitations to our international

(continued on page 5)
NEWS OF THE SOCIETY

Nominations

The following members of the History of Science Society (selected by the Nominating Committee; Michael Sokal, Chair, Worcester Polytechnic Institute) have agreed to stand for election in 1994:

For Council (to serve 1995-1997):

Paul Farber (Oregon State University)
Paula Findlen (University of California, Davis)
Richard Kremer (Dartmouth College)
Rachel Laudan (University of Hawaii)
Sara Joan Miles (Wheaton College)
Albert E. Moyer (Virginia Polytechnic Institute & State University)
Margaret Osler (University of Calgary)
Karen Parshall (University of Virginia)
Kenneth Taylor (University of Oklahoma)
Arleen Tuchman (Vanderbilt University)

Nominating Committee from Council (1995):

Garland E. Allen (Washington University)
Rima D. Apple (University of Wisconsin, Madison)
Mary Jo Nye (University of Oklahoma)
Helena Pycior (University of Wisconsin, Milwaukee)
Marc Rothenberg (Joseph Henry Papers, Smithsonian Institution)
Seymour H. Mauskopf (Duke University)

Nominating Committee at Large (1995):

Leslie Burlingame (Franklin & Marshall College)
Robert DeKosky (University of Kansas)
Nancy Siraisi (Hunter College, City University of New York)
Liba Taub (Adler Planetarium)

Full election details including biographic information and a ballot will be included in the July Newsletter.

New Orleans—1994 Annual Meeting

The July HSS Newsletter will contain detailed information for the HSS Annual Meeting, to be held in New Orleans from 13-16 October 1994, in the Clarion Hotel. The Program Chairs are Clark Elliott (University Archives, Harvard University Library, Cambridge, MA 02138) and Richard Kremer (Department of History, Dartmouth College, Hanover, NH 03755) and the HSS Executive Office is handling local arrangements. The January HSS Newsletter contained the application materials for session and paper proposals. (Note: the deadline for submission was 1 April 1994.) This year's meeting will be a joint meeting with PSA and 4S.

As in previous years, HSS will make travel grants available to graduate students and independent scholars. HSS, through its Committee on Independent Scholars, invites applications for travel grants to the HSS Annual Meeting in New Orleans.

TRAVEL GRANT APPLICATION

NAME: ____________________________________________
ADDRESS: ____________________________________________

TELEPHONE: ________________________________
E-MAIL ADDRESS: ________________________________

STATUS: 
_____ Graduate Student
   Institution: ________________
_____ Unaffiliated Scholar
_____ HSS Member
_____ Non-member

HSS ACTIVITY:
Paper presentation (Title and Session):

HSS Committee (committee name):
HSS governance (activity):

AWARD REQUEST:
Airfare: $ _______
Train: $ _______
Automobile (@ .24/mile): $ _______

LIST THREE REFERENCES:
1) ____________________________________________
2) ____________________________________________
3) ____________________________________________

Please attach a current curriculum vitae to this application form. Completed applications must be sent to Keith R. Benson, HSS Executive Office, DR-05, University of Washington, Seattle, WA 98195, no later than 16 May 1994.

Please note that travel with an HSS Travel Grant requires that all reservations be made through Ambassador Travel [(206) 623-0484 or 1-800-233-8263]. Please call Ambassador Travel to receive fare information. Call the HSS Executive Office at (206) 543-9366 for other questions concerning travel arrangements.
Support for these awards comes from the Lounsbery Foundation and the HSS General Fund. The awards are intended to allow graduate students and independent scholars who lack sources of funding for travel to attend the meeting. Preference will be given to applications from colleagues who are presenting papers at the meeting, serving on HSS committees, or participating in HSS governance (listed in order of priority).

To apply for a travel grant, please complete the application on page 2 and send it to Keith R. Benson, HSS Executive Office, DR-05, The University of Washington, WA 98195; Fax (206) 685-9544. Applications must be received no later than 16 May 1994. For additional information, please contact Keith Benson (krbenson@u.washington.edu) or Amy Lanfear (amy1@u.washington.edu) at the HSS Executive Office.

HSS Prizes for 1994

Submissions are invited for the 1994 HSS prizes for books, articles, and graduate student essays in the history of science. These prizes will be awarded at the annual meeting in New Orleans, LA, in October 1994.

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—that deals in a substantial way with the history of science is eligible; those by more than two authors and unrevised reprints or previously published works are excluded. Books published in the preceding three years—i.e., 1991, 1992, and 1993—are eligible for nomination this year. HSS members and others are urged to submit nominations to the chair of the 1994 committee, Professor Garland Allen, Biology Department, Washington University, St. Louis, MO 63130; Tel. (314) 889-6808; Fax (314) 726-4432. All nominations must be received by 2 May 1994.

The Watson Davis Prize is awarded annually to the author of a book useful in undergraduate teaching or promoting public understanding of the history of science. To be eligible for consideration, books should be published in the preceding three years—i.e., 1991, 1992, and 1993—and should be distinguished by breadth, sufficiency of explanation, and comprehensibility. They should be introductory in assuming no previous knowledge of the subject and in being directed at audiences of beginning students and general readers. They should introduce an entire field, a chronological period, a national tradition, or the work of a noteworthy individual. Multi-authored or edited books are eligible, whereas unrevised reprints of previously published works are not. HSS members and others are urged to submit nominations to the chair of the 1994 committee, Professor Edward Larson, Department of History, University of Georgia, Athens, GA 30602; Tel. (706) 542-2660; Fax (706) 542-2455. All nominations must be received by 2 May 1994.

The History of Women in Science Prize will be awarded in 1994 to the author of an article published in a scholarly journal or anthology during 1990-1993. Included in the topic "women in science" are discussions of women's activities in science, analyses of past scientific practices that deal explicitly with gender, and investigations regarding women as viewed by scientists. These may relate to medicine, technology, and the social sciences as well as the natural sciences.

Nominations, including reprints if available, should be sent by 15 April 1994 to the Chair of the prize committee, Joseph N. Tatnarewicz, 3782 Folly Quarter Road, Ellicott City, MD 21042-1412; Tel. (410) 531-1122; E-mail: jstnarewicz@nasaimil.nasa.gov.

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

To compete for the 1994 Schuman Prize, students must submit documentation of graduate student status and three copies of the essay to Keith Benson, History of Science Society Executive Office, DR-05, University of Washington, Seattle, WA 98195; Tel. (206) 543-9366; Fax (206) 685-9544; E-mail: krbenson@u.washington.edu, by 2 May 1994. A detachable cover sheet should note the author's name and institution; it will be removed before the essay is circulated. Entries postmarked after 2 May 1994 will be returned without being read. It is hoped, but not assured, that the winning essay will merit publication in Isis. Submitted essays cannot be returned to their authors, and the evaluations of individual essays will remain confidential. The Schuman Prize is limited to graduate students. Previous winners of the prize are not eligible to compete again.

The Derek Price Award encourages the publication in Isis of original research of the highest standard; it is presented annually for an outstanding article appearing in Isis during the three years prior to the award, i.e., 1991, 1992 or 1993. All articles published in Isis during the stated three years are automatically considered. The chair of the 1994 Derek Price Award Committee is Professor M. Norton Wise, Program in History of Science, Princeton University, Princeton, NJ 08544.
Committee Reports

The HSS Committee on Education has begun a project titled Using Images and Sounds to Teach the History of Science. The HSS Committee seeks to identify and assess audio-visual resources for teaching the history of science including audio tapes, slide collections, films, CD ROMs, traveling exhibits, and uses of multimedia. A printing of the database resulting from this effort is planned, as well as a subsequent sourcebook that will evaluate selected resources in the possession of individuals, convey this information to the committee. Minimally, the name of the institution or individual with some general description of the resources along with the name of a contact individual would be helpful—the HSS Committee can approach that institution/individual for details about the holdings. Please send this information to Robert K. DeKosky, Chair, HSS Committee on Education, Department of History, University of Kansas, Lawrence, KS 66045.

HSS Publications

The History of Science Society, through several of its committees, has produced several publications that may be of interest to our members. The Executive Office of the Society has copies of these publications, listed below, and will send them to HSS members. If interested, please return the order form below to the HSS Executive Office, DR-05, University of Washington, Seattle, WA 98195, and enclose a check or money order, made payable to the History of Science Society.

A Directory of Women in the History of Science, Technology, and Medicine, edited by Lisa Rosner and Alice Stroup. ($2.50 each.)

History of Science: A Guide for Undergraduates, by Michael Crowe. (Single copies are free; orders for multiple copies are $1.00 per copy or 75 cents for each copy on orders of ten or more.)

History of Science Syllabus Sampler, collected and prepared by Henry Steffens. ($10.00 each in US, $12.00 each in Canada, and $15.00 for overseas orders.)

In addition to these materials, the HSS Executive Office has sets of Isis back issues (continued on page 6)

ORDER FORM

HISTORY OF SCIENCE SOCIETY PUBLICATIONS

Name ____________________________

Address __________________________

City ___________ State _______ Zip ___________

Please send me the following publications to the above address:

____ copy(ies) of History of Science: A Guide for Undergraduates
(1 copy free; U.S.: $1.00 each for multiple copies; $.75 each for ten or more copies; Outside U.S.: $1.50 each for multiple copies; $.75 each for ten or more copies)

____ copy(ies) of History of Science Syllabus Sampler
(U.S.: $10.00 each; Other North American addresses: $12.00 each; Overseas: $15.00 each)

____ copy(ies) of Directory of Women Historians of Science, Technology, and Medicine (U.S. and Outside U.S.: $2.50 each)

Isis back issues are listed by number. Please circle numbers you wish to order. Isis back issues are $1 each; $75.00 per set (U.S./North America); $100.00 per set (Overseas). One set of Isis back issues consists of numbers from 1962-1984.

138 144 (1955) 186 (1965) 224 263
149 (1956) 190 225 264
154 (1957) 194 227 (1974) 265
165 (1960) 198 234 272
169 (1961) 199 235 273
170 204 (1969) 239 (1976) 274
173 219 (1972) 249 279
180 222 255 306 (1990)
181 223 258 (1980) 307
181 223 262 (1981) 309
Osiris (Volume 3)

Please make checks payable to the History of Science Society. Send check or money order (in U.S. dollars) to HSS Executive Office, DR-05, University of Washington, Seattle, WA 98195. Phone (206) 543-9366 Fax (206) 685-9544

TOTAL AMOUNT ENCLOSED: $ ________
colleagues to attend the HSS-sponsored meetings. We were able to bring several historians of science to Santa Fe, for example, thanks to travel funds from the Mellon Foundation. Now, we are interested in addressing some of the practical issues confronting our colleagues who would like to become members of the Society. HSS, with the active cooperation of the American Council of Learned Societies, is participating in two donation projects: "Bridge to Asia", and "East and Central Europe Journal Project." With the help of the University of Chicago Press, we are donating thirty subscriptions to libraries in countries that are no longer able to afford the subscription rates. We are also asking our colleagues to donate books to the "Bridge to Asia" program (see information at the end of this article).

In addition, beginning this year we are implementing an "Adopt-a-Scholar" program (see accompanying application form below). The program will work as follows: HSS members who wish to participate in the program will identify a colleague who can not afford membership in HSS because of hard currency problems; the HSS member will contribute $35 (student rate plus shipping charges) for the membership; the HSS Executive Office will coordinate subscriptions and payment with the University of Chicago Press. The subscription may be renewed annually by an additional payment by the HSS member who has "adopted" the scholar. The HSS Executive Office will send out renewal notices to the original subscriber. For additional information, please contact Keith R. Benson or Amy Lanfear [(206) 543-9366; krbenson@u.washington.edu; amyl@u.washington.edu].

If you are interested in participating in the "Bridge to Asia" program, you may contact the "Bridge to Asia" office [1214 Webster Street, Suite F, Oakland, CA 94612; (510) 834-1919; FAX (510) 834-0962].

To donate books to the project, please note the following directions:
1. Pack your donation in a carton or envelope—any size will do.
2. Place a list of the contents on the outside, for Customs clearance.
3. Mail the books to the San Francisco warehouse: Bridge to Asia, Cargo Services-Pier 19, San Francisco, CA 94111
4. Mail a copy of your list to the Oakland office: Bridge to Asia, 1214 Webster Street, Suite F, Oakland, CA 94612.

For HSS members who wish to donate funds, mail your contribution to the Oakland office (to the address above, payable to Bridge to Asia). The funds will be used to cover freight charges to Indochina and for salary support for the office staff in Indochina.

HSS ADOPT-A-SCHOLAR PROGRAM (1994)

☐ YES, I would like to adopt a scholar.

SCHOLAR'S NAME & ADDRESS: ________________________________

HSS SUBSCRIBER'S NAME & ADDRESS:

TELEPHONE: ________________________________
E-MAIL ADDRESS: ________________________________

Amount Enclosed $__________
($35.00 annually for each scholar sponsored.)

Please make your check or money order payable to the History of Science Society, and send to the HSS Executive Office, DR-05, University of Washington, Seattle, WA 98195.

If you have questions, please call the HSS Executive Office at (206) 543-9366.
available for donation without charge (except to cover shipping and handling) to libraries and other institutions in the U.S., Europe, Latin America, Asia, and Africa. Although necessarily incomplete, each set contains about 100 issues of Isis published between the mid 1940s and 1983. Shipping to most parts of the U.S. (by fourth class) is $75.00 and to most parts of the world (by "M Bag" surface mail) is available for $100. HSS members who wish to complete their Isis holdings may request individual copies for $1.00 each.

**HSS Archives**

As historians of science, we are all aware of the value of archival collections to our profession. Our colleagues in affiliated learned societies have also realized the importance of archival collections. In fact, the American Historical Association has taken a strong position on the responsibility of scholars for maintaining archival collections in its "Statement on Standards of Professional Conduct," a code that HSS recently adopted. That statement reads as follows:

"Since historians must have access to sources—archival and other—in order to produce reliable history, they have a professional obligation to preserve sources and advocate free, open, equal, and nondiscriminatory access to them, and to avoid actions which might prejudice future access. Historians recognize the appropriateness of some national security and corporate and personal privacy claims but must challenge unnecessary restrictions. They must protect research collections and other historic resources and make those under their control available to other scholars as soon as possible."

The HSS archive is presently located at the American Philosophical Society. Until now, HSS has not adopted an aggressive posture to build the archive; that is, the Society has relied on the individual initiative of its members who have served in leadership positions in the Society (officers, council members, committee chairs) to submit their records to the APS. We would like to maintain this same posture. Therefore, the Executive Office requests that all HSS members who have inactive files pertaining to HSS business send this material either to the American Philosophical Society (HSS Archives, 105 South 5th Street, Philadelphia, PA 19106-3386), or to the HSS Executive Office. The HSS Executive Office does collect archival material for the Society and does send this material to the APS. If you have additional questions or require more information, please contact Amy Lanfear or Keith Benson at (206) 543-9366.

**NEWS OF THE PROFESSION**

**History of Science in Cuba**

by Joan Lisa Bromberg

The principal group pursuing history of science in Cuba is the eleven-member Department of the History of Science of the Centro de Estudios de Historia y Organización (CEHOC) of the Cuban Academy of Sciences. It is housed in Old Havana in an elegant 19th-Century structure that was once home to the Havana Academy of Medical, Physical, and Natural Sciences. After the 1959 revolution, the building was converted into a museum of science by the physician and historian of medicine, José Lopez Sanchez. (Lopez's personal library, whose rare volumes by Latin American authors have been augmented by purchases made while he served as Cuban ambassador to India and Switzerland, is well worth the attention of U.S. historians of medicine.)

The focus of the CEHOC historians is Cuban science and technology. Publications over the last three decades include biographies of leading Cuban scientists such as Carlos J. Finlay, Tomás Romay, and Antonio Mestre, the monograph *Darwinism and Society in 19th-Century Cuba*, and bibliographic works like *Cuban Journals with Scientific Content of the 19th Century*.

The economic crisis in Cuba—brought on by a combination of the U.S. embargo, the dissolution of the Soviet Union, the storm of March 1993, and the Cuban government's own economic errors—have taken a toll on every aspect of Cuban life, and the history of science is no exception. The CEHOC scholars have no working photocopier, and no tape recorder and tapes to record interviews. There is no paper to publish their results locally, and no hard currency with which to buy foreign journals and books.

Nevertheless, a vigorous program of research continues. Among a long list of topics under current investigation are: a biography of the naturalist Felix Poe; the formation of International Telephone and Telegraph Company and the history of Cuban electric technology; epidemics and public health measures in colonial Havana; and a catalog of sources for the history of science and technology in the Caribbean.

A joint Cuban - U.S. workshop is in the planning stages. It will treat comparisons and connections between U.S. and Cuban science and technology in the 19th and 20th centuries. Further information can be obtained from Bernard S. Finn, Curator of Electricity, National Museum of (continued on page 8)
GUIDE to the History of Science Update

Plans are underway to update the 1992 HSS Guide. The updated version will be a Directory of Members. It will not include the Guide to the Profession or other Indexes. Please fill out the form below if you have not already done so, listing the requested information as you would like it to appear in the updated Guide. (Please print):

Last Name: __________________________________________________________________________________________
First/Middle Name: __________________________________________________________________________________________
Position Title: __________________________________________________________________________________________
Office Address: __________________________________________________________________________________________
________________________________________________________________________________________
Office Telephone: (_____) ____________________________________________
Office Fax: (_____) ____________________________________________________________
E-mail address: __________________________________________________________________________________________
________________________________________________________________________________________
Home Address: __________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
Home Telephone: (_____) ____________________________________________

My preferred mailing address is:
Office Address
Home Address

Call for HSS Committee Volunteers

The History of Science Society is seeking new volunteers for the committees listed below. At the present time, over one hundred HSS members volunteer for Society service. Please note, volunteering for a specific committee will not guarantee appointment to that committee. Your name will be included on a "volunteers roster" from which the Executive Committee will select committee members. Please indicate up to three committees that you would be interested in serving on in order of preference (1-3):

____ Committee on Education
____ Committee on Finances
____ Committee on Honors and Prizes
____ Derek Price Award [Sub]Committee
____ Henry and Ida Schuman Prize [Sub]Committee
____ History of Women in Science Prize [Sub]Committee
____ Pfizer Award [Sub]Committee
____ Watson Davis Prize [Sub]Committee
____ Committee on Meetings and Programs
____ Committee on Publications
____ Committee on Research and the Profession
____ [Sub]Committee on Diversity
____ [Sub]Committee on Independent Scholars

Send to: HSS Executive Office, DR-05, The University of Washington, Seattle, WA 98195
Society for the History of Technology (SHOT) International Scholars Program

In 1992, the Society for the History of Technology inaugurated an International Scholars program to (1) foster a stronger international community for the study of the history of technology; (2) strengthen the Society’s role as an international society for the history of technology; (3) identify and help non-U.S. historians of technology participate in the meetings and governance of the Society; (4) provide formal recognition of the work of non-U.S. historians of technology so that their respective governments and national academic communities might provide greater support for their Society-related activities; (5) afford special recognition for younger, non-U.S. scholars as they begin their careers in the history of technology; and (6) foster an international network of scholars in the history of technology that will benefit all members of the Society.

SHOT International Scholars are individuals who reside and work outside the United States; they may be both junior and more advanced scholars, although it is hoped that junior scholars and established scholars just beginning to work in the history of technology will derive the greatest benefit from designation as SHOT International Scholars. Appointments will be for two-year terms beginning each January. International Scholars should be full members of the Society and will receive a complimentary subscription to the Society’s journal, Technology and Culture, during their term. They will be strongly encouraged to attend the annual meetings during their term. In addition, they will be asked to prepare a report or essay review on current developments in the history of technology in their country for presentation to, or publication by, the Society.

SHOT International Scholars are selected in two ways. Up to seven may be appointed by a committee administering the International Scholars program. Individuals may be nominated, or may nominate themselves, by sending a letter and a brief curriculum vitae to the Secretary of the Society, or to the Committee, before 1 June. The committee will make its selections in July, and their nominations shall be announced at the Society’s annual meeting. In addition, the president of the Society may appoint up to three additional International Scholars. The Society strongly encourages nominations for this program. Nominations should include a brief statement about the individual (current status, employment, field of interest, etc.), a curriculum vitae, a list of publications, and a FAX number or electronic mail address so the committee can contact candidates if necessary. Self-nomination is permitted. Please send these materials to the chair of the committee, Dr. Levin, Department of History, Case Western Reserve University, 10900 Euclid Avenue, Cleveland, OH 44106-7107, USA; Fax (216) 368-4681; or to the Society Secretary, Bruce E. Seely, Department of Social Sciences, Michigan Technological University, 1400 Townsend Drive, Houghton, MI 49931, USA; Fax (906) 487-2468; E-mail: bsseely@mtu.edu. The deadline for receipt of application material is 1 June 1994.

Sarton Lecture at AAAS in San Francisco

Professor Roy S. Porter (Wellcome Institute for the History of Medicine, London) presented the annual Georg-Sarton Memorial Lecture to about 125 participants at the AAAS meeting in San Francisco, 20 February 1994. Professor Porter’s lecture was titled, “Making Medicine a Science: The Eighteenth Century Endeavour.” This lecture is part of the annual AAAS meeting and is jointly sponsored by AAAS and HSS.

The annual George Sarton Memorial lecturer is selected by the Executive Committee of HSS. Suggestions from HSS members for future lecturers may be directed to Keith Benson or Amy Lanfear at the HSS Executive Office.

News from Washington, DC

During January and February, science policy has received considerable attention in Washington as politicians and members of the Clinton Administration position themselves vis-a-vis increased budget allocations for NSF while the government has a hard freeze on domestic discretionary spending. HSS has been well served in these discussions by several organizations that lobby effectively on our behalf. The American Council of Learned Societies (ACLS), the National Humanities Alliance (NHA), and the Consortium of Social Science Associations (COSSA) all maintain excellent profiles in Washington. In particular, John Hammer of the NHA and Howard Silver of COSSA are actively involved in these debates. In turn, they provide frequent updates to the HSS through our Executive Office to seek
advice, letters of support, or names of individuals who may testify on key policy issues.

The success of these lobbying efforts (which also includes the individual effort of several HSS members) is clear in the new NSF budget proposed for fiscal year 1995. NSF Director Neal Lane announced on 7 February that the Clinton Administration was proposing a budget of $3.2 billion, an increase of $182.2 million over fiscal year 1994. Noting that this budget amounts to just four percent of the total federal investment in research and development, he emphasized that NSF supports nearly 50 percent of all basic research at academic institutions (when biomedical support is excluded).

The actual amount of NSF monies requested for its research and research-related activities is $2.348 billion, an 8.3 percent increase above fiscal year 1994. While this is good news, Lane stated that NSF is increasing its emphasis on interagency efforts directly tied to national priorities, a theme reflecting the growing sentiment of support for science both in the White House and on Capitol Hill. These efforts focus primarily on “strategic research” because of perceived benefits such areas of research may provide to the nation. The most prominent areas mentioned are global change and high technologies research, the latter a favorite of the Clinton Administration.

The budget for NSF’s education and human resources account totals $586 million, which represents a 3% increase over last year. Here, the priority is to “strengthen the scientific literacy and technical workforce by raising the scientific literacy of all Americans.” Nearly $86 million will go to NSF’s systemic reform initiatives, targeted at state, urban, and rural school systems.

Prior to Lane’s announced budget proposal, the White House’s Office of Science and Technology Policy (OSTP) sponsored a two-day forum to bring together over 200 scientists and science policy-makers to examine the budget. The

(continued on page 28)

MISCELLANEOUS ANNOUNCEMENTS

The Translations Program of the National Endowment for the Humanities supports individuals or collaborations among scholars to translate into English works that are germane to the history, literature, philosophy, and artistic achievements of other cultures, thereby making the thought and learning of those civilizations available to scholars, teachers, students, and the public. The program has supported a broad range of projects, including the translation of single works, the complete works of a particular writer, and anthologies. Translations of texts from virtually all of the European languages have garnered support from the Endowment, as well as texts from a vast array of languages—ancient and modern, Eastern and Western, oral and written. American citizens and institutions and foreign nationals who have been living in the United States for at least three years are eligible to apply.

The next application deadline is 1 June 1994 for projects beginning after 1 April 1995. For more information call (202) 606-8207 or write to: Translations, Room 318, National Endowment for the Humanities, 1100 Pennsylvania Avenue, N.W., Washington, DC 20506; Fax (202) 606-8204; E-mail: nchres@gwuvm.gwu.edu.

AWARDS, HONORS & APPOINTMENTS

Loren R. Graham, Professor of History and History of Science at the Massachusetts Institute of Technology, has accepted a five-year offer to teach half-time in the History of Science Department, Harvard University. As he has done in recent years, he will teach the fall semesters at MIT and the spring semesters at Harvard.

Ronald Kline has been promoted with tenure to Associate Professor of the History of Technology at Cornell University.

Eric Mills has been appointed to carry out a new teaching initiative in the history of science at Dalhousie University as a Professor of History of Science. He has also been appointed President of the International Commission on the History of Oceanography.

T. J. Murray has recently been appointed Professor of Medical Humanities in the Faculty of Medicine at Dalhousie University.

Peter Achinstein, Professor of Philosophy at Johns Hopkins University, and

Alexander Rosenberg, who received his Ph.D. at Johns Hopkins in 1971, have been selected as joint winners of the 1993 Lakatos Award, an international prize administered by the London School of Economics that is regarded as one of the most prestigious prizes in philosophy. The award goes to the author(s) of an outstanding book in the philosophy of science published within the last six years.

Graeme J. N. Gooday has been appointed Lecturer in the Division of History and Philosophy of Science, University of Leeds, Leeds, LS2 9JT, United Kingdom, effective 1 September 1994.

Mitchell Ash was Visiting Professor at the Institute for Theory of Science and Science Studies, University of Vienna, in the fall of 1993. In September, he gave the Karl Sudhoff Memorial Lecture at the annual meeting of the German Society for the History of Medicine, Natural Sciences and Technology in Lübeck, Germany. In the spring and summer of 1994, he will be a Visiting Scholar at the Institute for History of Medicine at the Free University of Berlin.
Rita R. Colwell, President of the University of Maryland System's Biotechnology Institute, has been named president-elect of the American Association for the Advancement of Science (AAAS), the world's largest scientific organization, by a vote of the organization's membership, which became effective 24 February 1994.

George Webb (Tennessee Technological University) has been named the recipient for the 1993 Tennessee Technological University Caplenor Faculty Research Award for the body of his work as Tennessee Tech's science historian since 1978.

The American Association for the Advancement of Science (AAAS) has announced recipients of the ten distinguished AAAS awards for 1993/1994:

Harvey Brooks (Harvard University John F. Kennedy School of Government) is the recipient of the 1993 AAAS Philip Hauge Abelson Prize.

Nalini Ambady (College of the Holy Cross), and Robert Rosenthal (Harvard University) are the recipients of the 1993 AAAS Prize for Behavioral Research.

Thomas Malone, (Sigma Xi Center) is the recipient for the 1993 AAAS Award for International Scientific Cooperation.

Frank von Hippel (U.S. Office of Science and Technology Policy) is the recipient of the 1993-94 AAAS Hilliard Roderick Prize in Science, Arms Control, and International Security.

Carol A. Gross (University of California, San Francisco) is the recipient of the 1993 AAAS Mentor Award.

Lewis P. Lipsitt (Brown University) and John A. Waton (University of California, San Francisco) are the recipients for the 1993 AAAS Mentor Award for Lifetime Achievement.

Michael J. Mahan (University of California, Santa Barbara), John J. Mekalanos (Harvard Medical School), and James M. Slauch (University of Illinois) have been named winners for the 1992-1993 AAAS Newcomb Cleveland Prize.

Bill Abbott, Dave Berclik, Jeff Kriessler, Dennis Kuhl, Mark Lepper, Brian McSpadden, and Steve Snyder (steering council members, Science Theatre, Michigan State University) are the recipients of the 1993 AAAS Award for Public Understanding of Science and Technology.

Mathilde Krim (American Foundation for AIDS Research) and June Osborn (University of Michigan) are the recipients for the 1994 AAAS Scientific Freedom and Responsibility Award.

Boyle Rensberger (The Washington Post), Nancy Buzilchuk (The Burlington Free Press), John Hargan (Scientific American), and Dan Mushalko, ("The Amazing Science Emporium") have been named the winners of the American Association for the Advancement of Science's prestigious AAAS-Westinghouse Science Journalism Award.

The American Institute of the History of Pharmacy announces 1994 recipients of Certificates of Commendation:

The Pharmacy Museum of Quincy and Adams County has been cited for its efforts to preserve the integrity of the history of pharmacy and its allied health care fields through its exhibits and collections.

Gary Hall of the Albany College of Pharmacy has been recognized for the significant time and effort he put into the identification, storage, and preservation of pharmaceutical artifacts at the College, along with maintaining the Throop Pharmacy museum.

Mark Ekiss has been cited for his work in developing the Oklahoma Frontier Drug Store Museum in Guthrie, OK, which opened in 1992. He currently serves as curator of the museum.

Jane Rogan has been recognized for her survey of female pharmacists from Michigan universities from 1900 to 1990 and the resulting paper publications from that research, "Pioneering Women in Michigan Pharmacy" (J. Michigan Pharmacist, 31:220, 1993), and "The Modern Michigan Woman Pharmacist" (awaiting publication).

Correction: Bruce Voss Lewenstein has been awarded tenure in the Department of Communications in the College of Agriculture and Life Sciences at Cornell University and an appointment in the Department of Science & Technology Studies in the College of Arts and Sciences.

RESEARCH OPPORTUNITIES

Manuscript Collections at the University of California, San Diego, provide a valuable resource for studying the history of American science in the post-World War II era. Founded primarily by scientists at the zenith of the American economic and "big science" boom of the 1960s, UCSD attracted elite scientists who played a significant role in national and international science policy and research. Their personal papers, and those of non-faculty scientists, such as Leo Szilard and Jonas Salk, document efforts and contributions in biology, medicine, chemistry, geology, engineering, mathematics, physics, oceanography, and nuclear arms negotiations. Records in the UCSD Archives complement these collections with documentation about science education and the development of UCSD academic departments and research institutes.

Guides to the manuscript collections at UCSD are available from the Mandeville Department of Special Collections, The University Library, 9500 Gilman Drive, Department 0175S, La Jolla, CA 92093-0175; Tel. (619) 534-2533, as well as at the Scripps Institution of Oceanography Archives, UCSD Libraries, 9500 Gilman Drive, Department 0175C, La Jolla, CA 92093-0175; Tel. (619) 534-4878.

The California Academy of Sciences, established in 1853, is the oldest scientific institution in the western United States. As a major center for systematic biology and related disciplines, including the social, earth, and planetary sciences, the Academy has unusual opportunities for research and
education in the history and philosophy of science. To strengthen its programs, the Academy established a Center for the History and Philosophy of Science in June 1992. The Center functions as a part of the Research Division and sponsors programs and conferences on philosophical and methodological aspects of science, and encourages interdisciplinary cooperation. For more information about the Center's programs and conferences, write to the California Academy of Sciences (Center for the History and Philosophy of Science), Golden Gate Park, San Francisco, CA 94118; Voice Mail (415) 750-7084.

The Science and Technology Analysis (STA) Research Programme brings together researchers and postgraduate students at the University of Wollongong who have the collective aim of promoting and integrating research into the nature, dynamics, impact and management of science and technology in their social context. STA members are drawn primarily from the Departments of Science and Technology Studies and Sociology, from the National Center for Research Policy. Together they comprise the largest concentration of researchers in the southern hemisphere working in and producing nationally relevant and internationally recognized research and scholarship in this socially significant area. Members of the Programme meet regularly for discussion of research projects and project interaction and combined research initiative, and for the STA Seminars—a series of meetings which features occasional guest speakers from relevant fields and provides a forum for the presentation of work in progress reports from Programme members. Members currently work cooperatively or individually on projects in the fields of social history and sociology of science and medicine, in the 'new' history and socio-politics of technology, and in critical science and technology policy. This "working paper" series is intended to disseminate new work of members of the Programme and postgraduates attached to the Programme to a wider audience. The emphasis is on work in progress or recently completed. The papers will

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Information on the research projects and postgraduate opportunities in the Programme can be obtained from Dr. Brian Martin (Program Coordinator), Department of Science and Technology Studies, University of Wollongong, Northfields Avenue, Wollongong, NSW 2522; Tel. 61 42 213673 or 213691; Fax 61 42 213452.

The Alexander von Humboldt Foundation will sponsor Research Fellowships for Foreign Scholars, granting up to 600 research fellowships to highly qualified scholars under the age of 40 and holding a doctorate, enabling them to carry out research projects of their own choice at research institutes in Germany. Applications may be submitted at any time by scholars from all nations and academic disciplines (no quotas); selection meetings are held every March, June/July and November. The sponsorship period is initially 6-12 months, extensions of up to 24 months may be granted on application. Up to four months of this period may be spent at research institutes in other European countries (up to six months at any German research institute elsewhere in Europe). Monthly research fellowship rates are between DM 3,400 and DM 3,800 net. Additional assistance includes travel expenses, grants for married accompanying partners and children's allowances, an initial allowance, grants for language courses, etc. Application requirements include an academic degree comparable to a doctorate (Ph.D. or equivalent), high academic qualification, academic publications, a specific research plan, a good command of the German language (humanities and social sciences scholars) or at least a good command of English (natural scientists).

The Alexander von Humboldt Foundation will also sponsor a Transatlantic Cooperation Program for Humanities Scholars. Cooperative Research Projects between German and U.S. American Scholars in the humanities and social sciences can receive funding of up to $50,000 from German sources as long as equivalent matching funds are provided by U.S. sources. Overhead costs can be included up to 20%. Preference is given to projects which pursue interdisciplinary approaches. The funds can be spent on travel expenses, materials, workshops, printing costs and research assistantships. For further information and application forms, contact Dr. Jan Keppler, Alexander von Humboldt Foundation, North American Office, Suite 903, 1350 Connecticut Avenue, NW, Washington, DC 20036; Tel. (202) 296-2990; Fax (202) 833-8514; E-mail: humboldt@email.umd.edu.

PUBLICATIONS

As part of the Garland Press’s Wellesley Series in Critical Theory, Literary History, and Culture, a collection entitled Modernism, Gender, and Culture is being put together. Papers are wanted for this already contracted interdisciplinary collection, to be published by the Garland Press of New York. Topics should focus on the intersections between gender issues and modernist culture (1900-1950) and can center on the arts, sciences, social sciences, or mass culture. Send 1-page abstracts by 1 July 1994 to Lisa Rado, Department of English, University of Michigan, 7617 Haven Hall, Ann Arbor, MI 48109-1045.

Work has begun on The Scientific Revolution: An Encyclopedia, to be published by Garland Publishing, Inc., of New York. Scheduled to appear in June 1997, the book will compromise alphabetically arranged entries on all aspects of the subject and is intended to provide an overview of current scholarship in this rapidly changing field.

Inquiries should be addressed to Professor Wilber Applebaum, Department of Humanities, Illinois Institute of Technology, IIT Center, Chicago, IL 60616; E-mail: humapplebaum@minnacc.aiit.edu; Phone/Fax: (708) 492-1167.

Work has begun on The History of Science and Religion in the Western Tradition: An Encyclopedia, to be edited by Gary B. Ferngren, Edward J. Larson, and Darrel W. Amundsen and published by Garland Publishing Company, Inc., of New York. The work will comprise alphabetically arranged entries on all aspects of the subject and is intended to provide an overview of current scholarship. It is scheduled to appear in 1996.

An editorial advisory board has been appointed consisting of John H. Brooke of the University of Lancaster; Owen Gingerich of Harvard University; David C. Lindberg of the University of Wisconsin; and Ronald L. Numbers of the University of Wisconsin.

Inquiries should be addressed to Gary B. Ferngren, Department of History, Oregon State University, Corvallis, OR 97331.

Philosophy & Representation is a series dedicated to interdisciplinary problems concerning representation. It is edited by Petra Gehring, Thomas Keutner, Joerg F. Maas and Wolfgang Maria Ueding at Editions RODOP! Amsterdam/Atlanta, GA. We invite submissions of manuscripts and proposals in English, French and German from all disciplines for two new interdisciplinary books on Dilemmas and Scientists: Influences and Incongruencies, and on The Problem of Understanding: Hermeneutics in Arts and Sciences. Please send abstracts or proposals to Joerg F. Maas, International Office, Otto von Guericke Universität Magdeburg, Universitätsplatz 2, 39106 Magdeburg, Germany; Tel.: (+391) 5592-3514; Fax (+391) 5592-132; E-mail: AKAA@unimagdeburg.d40.de.

The University of Akron Press is proud to announce its new Series on Technology and the Environment, a series of books that springs from public awareness of and concern about the effects of technology on the environment. Its purpose is to publish the most informative and provocative work...
emerging from research and reflection, work that will place these issues in an historical context, define the current nature of the debates, and anticipate the direction of future arguments about the complex relationships between technology and the environment.

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These studies are meant to stimulate, clarify, and influence the debates taking place in the classroom, on the floors of legislatures, and at international conferences. Addressed not only to scholars and policy makers, but also to a wider audience, the books in this series speak to a public that seeks to understand how its world will be changed, for ill and for good, by the impact of technology on the environment.

The editors invite proposals for full-length books and edited collections. Inquiries and proposals can be directed to either of the editors at the following addresses: Jeffrey K. Stine, Curator, Division of Engineering & Industry, National Museum of American History 5014, Smithsonian Institution, Washington, DC 20560; Dr. William McGucken, Department of History, Olin Hall 218, The University of Akron, Akron, OH 44325-1902.

The political unification of Germany has called forth a new collaboration in the history of science. In 1993, a new series of the *NTM: International Journal of History and Ethics of Natural Sciences, Technology and Medicine* published its first two numbers. Now published by Birkhäuser Verlag in Basel, the journal is edited by Dietrich von Engelhardt (Lübeck), Hans Wussing (Leipzig), and Peter Zimmermann (Munich), in close association with an international group of editorial advisors. Welcoming diversity in intellectual thought, the journal carries contributions (published in German, English, and French) on a multitude of historical topics in the natural sciences, technology and medicine with reference to the history of ideas and social history. For more information, contact Renate Tobies, Managing Editor, Karl-Sudhoff-Institut der Universität Leipzig, Augustusplatz 9, D-O-7010 Leipzig, Germany; or Birkhäuser Verlag, P.O. Box 133, CH-4010 Basel, Switzerland.

The Humanities and Technology Association, an interdisciplinary organization which seeks to examine the interface between the humanities and science/technology, announces that its annual *Review* will become a refereed journal with the publication of volume 13 (Fall 1994).

Under the title *Humanities and Technology Review*, this journal will publish articles, essays and reviews which address the role played by science and technology in the larger society. Information concerning submission guidelines is available from George Webb, Editor, *Humanities and Technology Review*, Box 5064, Tennessee Technological University, Cookeville, TN 38505.
COMPETITIONS FOR PRIZES AND AWARDS

The Society for the History of Technology (SHOT) announces its annual competition for the Samuel Eleazar and Rose Tartakow Levinson Prize. This prize recognizes an original essay in the history of technology that explicitly examines in some detail a technology or technological device/process within the framework of social or intellectual history. The prize-winning essay must represent the author's first work intended for publication. Manuscripts already published or accepted for publication will not be considered. Authors who have already published examples of their work in book or article form are ineligible. (Availability on microfilm or microfiche, or as a government report will not be considered a publication.) Manuscripts should be in English and of a length suitable for publication as a journal article. Three copies should be sent to the Secretary, Society for the History of Technology, Department of Social Sciences, Michigan Technological University, 1400 Townsend Dr., Houghton, MI 49931-1295.

For more information, contact the Secretary, Robert Friedel, Department of History, University of Maryland, College Park, MD 20742; and Rudi Volti, Pitzer College, 1050 North Mills, Claremont, CA 91711-6110. The deadline for receipt of books is 15 April 1994. The award consists of $400 and a certificate.

The judging will be blind, so authors should avoid self-identification, indicating their name on a cover sheet that will be detached before the manuscript is sent to the committee. The closing date for nominations is 15 April 1994. The award consists of $400 and a certificate.

SHOT's Dexter Prize Committee invites nominations from publishers or authors for the Society's annual prize for the best book in the history of technology. Books published from 1991 through 1993 are eligible for the 1994 prize. In all cases, a copy of the book should be forwarded directly to each member of the committee: Dexter Committee Chair, David Hounshell, Department of History, Carnegie Mellon University, Schenley Park, Pittsburgh, PA 15213-3890; Robert Friedel, Department of History, University of Maryland, College Park, MD 20742; and Rudi Volti, Pitzer College, 1050 North Mills, Claremont, CA 91711-6110. The deadline for receipt of books is 15 April 1994.

SHOT's Dibner Award Committee seeks nominations for superior museum exhibits in the history of technology in an effort to insure that a representative range of exhibits are considered, especially from local and regional museums. The committee especially encourages self-nomination of exhibits by curators. For 1994, the committee for the first time requests (but will not require) that nominations include a videotape or slides showing the exhibit or museum, and an exhibit script if possible. This request is designed to permit the full committee to make more informed comparisons of the nominations. For more information, contact the committee chair, Rachel Maines, Rachel P. Maines and Associates, 237 Langmuir Lab, Cornell Research Park, Ithaca, NY 14850. The deadline is 15 April 1994.

The Hans R. Jenemann Foundation announces the Paul-Bunge-Prize for 1994. The promotion of science and research in the field of the history of scientific instruments is the task of the Hans R. Jenemann Foundation. The Foundation is administered by the Gesellschaft Deutscher Chemiker and the Deutsche Bunsengesellschaft and will award the Paul-Bunge-Prize, endowed with 10,000 DM annually. The first award was made in 1992.

The prize is named after Paul Bunge (1839-1888), the most important instrument constructor of analytical, essay and high-performance precision balances in the second half of the 19th century and will honor completed work in the field of the history of scientific instruments in English, German or French. It is immaterial whether such work has been already published or printed. The award is
independent of the age and nationality of the author. According to the Hans R. Jenemann Foundation, applications considered for the award may include work from the entire spectrum of historical scientific instruments.

The deadline for applications is 31 October 1994. Details can be requested from the Gesellschaft Deutscher Chemiker, Public Relations Department, P.O. Box 900440, D-60444 Frankfurt am Main, Germany; Tel. (069) 79-17-324; Fax (069) 79-17-322.

The American Association for the Advancement of Science (AAAS) annually honors its prestigious Science Journalism Award for excellence in science writing in large and small newspapers, magazines, and on radio and television. The winners are honored at a special ceremony each year at the Association’s Annual Meeting. The competition covers articles in newspapers and magazines and broadcast shows on radio and television which are originally published or aired in the United States. Independent screening and judging committees consisting of journalists and scientists select the winners.

AAAS is the world’s largest general science organization with some 140,000 members and 300 affiliate organizations. The Association publishes the weekly journal Science, which has the largest circulation of any general science journal.

For more information about the AAAS Science Journalism Award, write to the office of Communications, AAAS, 1333 H Street, NW, Washington, DC 20007; Tel: (202) 326-6440.

The Award Committee of the Lawrence Memorial Fund invites nominations for the 1994 Lawrence Memorial Award. Honoring the memory of Dr. George H. M. Lawrence, founding Director of the Hunt Institute for Botanical Documentation, the Award ($1,000) is given biennially to support travel for doctoral dissertation research in systematic botany or horticulture, or the history of the plant sciences, including literature and exploration.

Major professors are urged to nominate outstanding doctoral students who have achieved official candidacy for their degrees and will be conducting pertinent dissertation research that would benefit significantly from travel enabled by the Award. The committee will not consider direct applications. A student who wishes to be considered should arrange for nomination by his/her major professor; this may take the form of a letter which covers supporting materials prepared by the nominee.

Supporting materials should describe briefly but clearly the candidate’s program of research and how it would be significantly enhanced by travel that the Award would support. Letters of nomination and supporting materials, including seconding letters, should be received by the Committee no later than 1 May 1994 and should be directed to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, Pittsburgh, PA 15213-3890 USA; Tel. (412) 268-2434.

The Third World Academy of Sciences is pleased to invite submission of essays to be considered for a Fourth History of Science Prize to be awarded in 1995. The research essay should summarize the major achievements of a Third World scientist prior to the 20th century, whose work has not been hitherto clearly recognized. It should indicate the impact of the scientist’s contributions on his/her community and, where relevant, establish their influence on modern scientific thought.

Only unpublished essays will be considered. The manuscript should be submitted in the English language and in typewritten form. The length of the essay should be between 20,000 and 50,000 words, but these limits are not binding. All essays will be judged by an international committee of experts in the History of Science appointed by the Council of the Third World Academy of Sciences. The History of Science Prize consists of a check for $10,000 and a personalized plaque. The Prize will be awarded in the autumn of 1995 at a special ceremony.

Essays should be sent to Ms. Helen Grant (History of Science Prize), Third World Academy of Sciences, c/o International Centre for Theoretical Physics, P.O. Box 586—Strada Costiera 11, 34136 Trieste—ITALY, no later than 1 December 1994.

Harvard University Press announces the 1998 Robert Troup Paine Prize. This distinguished prize is awarded once every four years to the best book written on a designated subject and published by Harvard University Press. For the prize to be awarded in 1998, the topic will be The History of the Natural Sciences. To be eligible, a manuscript must be submitted between 1 January 1994 and 31 December 1997, and accepted for publication by the Press. Royalties and extra sales income are paid in addition to the award of $3,000. The manuscript must be an original, previously unpublished, book-length work written on a topic within the broad area of the history of the natural sciences. Its contribution may be in the area of significant new research, exposition for the interested laymen, or innovative approaches to instruction. The winner will be chosen by a committee designated by the Syndics of Harvard University Press.

Manuscripts are welcome from the entire academic community for Prize consideration as well as for publication within the Harvard University Press science publishing program. The Prize is presented by the Press on behalf of the Robert Troup Paine Publication Fund established by Dr. Martyn Paine in memory of his son Robert Troup Paine (1829-1851).

Inquiries and submissions may be directed to Michael G. Fisher, Executive Editor for Science and Medicine, Harvard University Press, 79 Garden Street, Cambridge, MA 02138.
FELLOWSHIPS & GRANTS AVAILABLE

The Bakken Library and Museum offers visiting research fellowships for the purpose of facilitating scholarly research in its collection of books, journals, manuscripts, and instruments. The focus of the Bakken's collections is on the history of electricity and magnetism and their role in the life sciences and medicine; related materials include mesmerism and animal magnetism; 19th-century ephemera concerning alternative electromedical therapies, miscellaneous scientists' letters, and trade catalogues. The instruments include electrostatic generators, magneto-electric generators, induction coils, physiological instruments, recording devices, and accessories.

The fellowship is a maximum of $1,300 and is to be used for travel, subsistence, and other direct costs of conducting research at The Bakken. The minimum period of residence at The Bakken is one week. The grants are open to all serious researchers, and applications may be submitted at any time. For application guidelines and further information, please contact David J. Rhees, Executive Director, The Bakken, 3537 Zenith Ave. So., Minneapolis, MN 55416; Tel. (612) 927-6508.

The New York State College of Human Ecology at Cornell University and Cornell's Mann Library offer summer or sabbatical fellowship(s) of $3,500 - $5,000 to provide support toward research on the history of home economics or nutrition and their impact on American society. Mann Library and the Department of Manuscripts and University Archives, Onlin Library, have extensive holdings in home economics, nutrition, agriculture, and related sciences. Although preference will be given to scholars in more advanced stages of a research project, younger scholars are encouraged to apply. Minimum continuous residence is six weeks.

To apply, send a short (3-5 pp.) proposal of the research planned, specifying both published and manuscript materials to be used from the Cornell collection; a cover sheet indicating Name, Address, Phone, Fax, Organization/University, Research Title, Research Abstract; a vita; a writing sample or previous publication; and two letters of recommendation to the Office of the Dean, College of Human Ecology, N113 MVR Hall, Cornell University, Ithaca, NY 14853. For an information brochure or questions, call (607) 257-0568, or fax (607) 255-3794. The deadline is 18 April 1994; decisions will be made by 10 May 1994.

Fullbright Scholar Program opportunities are available for university lecturing or advanced research in nearly 140 countries. Awards range from two months to a full academic year, and many assignments are flexible to the needs of the grantee. Virtually all disciplines participate; openings exist in almost every area of the humanities, social sciences, natural and applied sciences. The basic eligibility requirements for a Fullbright Scholar award are U.S. citizenship and the Ph.D. or comparable professional qualifications. For lecturing awards, university or college teaching experience is expected.

A single deadline of 1 August 1994 exists for research or lecturing grants to all world areas. Other deadlines are in place for special programs. For further information and application materials, contact the Council for International Exchange of Scholars, 3007 Tilden Street, NW, Suite 5M, Box GNEWS, Washington, DC 20008-3009; Tel. (202) 686-7877; E-mail: cies1@gwvm.gwu.edu (application requests only).

The National Science Foundation awards doctoral dissertation research improvement grants each year through two programs: The Science and Technology Studies Program (STS); and The Ethics and Values Studies Program (EVS). These grants provide funds for items not normally available through the student's university. More information about the nature of dissertation improvement grants, applicant eligibility, and proposal and grant processing is provided in "Grants for Improving Doctoral Dissertation Research" (NSF 92-114). This publication provides information for dissertation applications in all of the programs in the Division of Social, Behavioral and Economic Research at NSF. Applicants should pay special attention to the description of allowable and non-allowable expenses in the brochure. Dissertation research improvement proposals are evaluated during the two regular review cycles that each program runs. Proposals should be submitted by 1 February each year for projects beginning 1 July or later; by 1 August each year for projects beginning 1 January or later. For further information, contact Ronald J. Overmann, Program Director, Science and Technology Studies, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230; Tel. (703) 306-1743; E-mail: roverman@nsf.gov; or Rachaelle Hollander, Program Director, Ethics and Values Studies, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230; Tel. (703) 306-1743; E-mail: rholland@nsf.gov.

The Shelby Cullom Davis Center for Historical Studies at Princeton University presents a seminar on the subject "Business, Enterprise, and Culture." The Center invites applications for fellowships or proposals for papers on this theme. A limited number of research fellowships for one or two semesters, running from September to January and from February to June, designed for highly recommended younger scholars who have finished their dissertations as well as for senior scholars with established reputations. Fellowships are expected to live in Princeton. As funds are limited, candidates are strongly encouraged to apply to other grant-giving institutions as well as the Center, if they wish to come for a full year. Inquiries and requests for Fellowship Application forms should be addressed to the Administrator, Shelby
April 1994

Cullom Davis Center, Princeton University, Princeton, NJ 08544-1917. The deadline for applications and letters of recommendation for 1995-96 is 1 December 1994. Scholars who would like to offer a paper to one of the weekly seminars are asked to send a brief description of their proposal and a current curriculum vitae to: Director, Shelby Cullom Davis Center for Historical Studies, Department of History, 129 Dickinson Hall, Princeton, NJ 08544-1017; Tel. (609) 258-4997; Fax (609) 258-5326.

The Archives of the California Institute of Technology announces the availability of a Grant-in-Aid from the newly established Maurice A. Biot Archives Fund. The Fund provides research assistance up to $1000 to use the Archives’ collections. Applications will be accepted from students working toward a graduate degree or from established scholars. Preference will be given to those in the history of technology, especially those working in the fields of aeronautics, applied mechanics, and geophysics. To request an application form and funding guidelines, write to Caltech Archives, Beckman Institute, 015A-74, Pasadena, CA 91125; Tel. (818) 395-2704.

The Center for History of Physics of the American Institute of Physics has a program of Grants-in-Aid for Research in the History of Modern Physics and Allied Sciences (such as astronomy, geophysics, and optics) and their social interactions. Grants can be up to $2000 each. They can 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, DC), 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 Joseph Weart, Center for History of Physics, American Institute of Physics, One Physics Ellipse, College Park, MD 20740. Deadlines for receipt of applications are 30 June and 31 December of each year.

The American Antiquarian Society (AAS) will award to qualified scholars a number of short and long-term Visiting Research Fellowships during the year 1 June 1994—31 May 1995. Several categories of awards are offered for short and long-term research at AAS. One category provides funding (from the National Endowment for the Humanities) for six to twelve months’ residence at the Society, while the other categories provide one to three months’ support. Research Associate status (without stipend) will be available to qualified applicants. Through an arrangement with the Newberry Library, AAS encourages applications for joint short-term fellowship tenure in both Chicago and Worcester. A brochure containing full details about the AAS fellowship program and information about the Society’s collections, along with application forms, may be obtained by writing to John B. Hench, Director of Research and Publication, Room A, American Antiquarian Society, 185 Salisbury Street, Worcester, MA 01609; Tel. (508) 752-5813 or 755-5221.

The American Council of Learned Societies (ACLS) Fellowship Program supports post-doctoral research in the humanities; research in the social sciences with a predominantly humanistic emphasis will also be considered. A Ph.D. received prior to 1 October 1991, or its equivalent is required. Younger scholars and independent scholars who do not hold academic appointments are strongly encouraged to apply. Graduate students working on Ph.D. dissertations in the art history of the United States are encouraged to apply to the Henry Luce Foundation/ACLS Dissertation Fellowship Program in American Art. The Area Programs, sponsored jointly with the Social Science Research Council, support post-doctoral and predoctoral research and study in the humanities and social sciences. The ACLS programs require U.S. citizenship or permanent legal residence, except the Fellowships for Chinese Studies. Additional information or an application form may be obtained by writing to the Office of Fellowships and Grants, American Council of Learned Societies, 228 East 45th Street, New York, NY 10017-3398. (No fax transmissions accepted.)

The International Research & Exchanges Board is pleased to announce its competitions for academic programs during 1994-95. Included are individual advanced research opportunities, on-site language training, research residencies, Bulgarian studies seminars, short-term travel grants, summer programs for language instructors, and special projects. Application deadlines are to be announced. For more information please contact International Research & Exchanges Board, 1616 H Street NW, Washington, DC 20006; Tel. (202) 628-8188; Fax (202) 628-8189.

Brown University’s postdoctoral fellowships in residence are available for 1994-1995, for untenured scholars in the humanities, social sciences or sciences. Fellows pursue individual research and meet regularly in a research seminar focusing in 94-95 on “The Question of Violence.” Stipend is $24,000. For application forms, write to Pembroke Center for Teaching and Research on Women, Box 1958, Brown University, Providence, RI 02912.

The Technical University of Berlin, Department of Communications and History, offers four scholarships to students for a four-semester program (two
years) in History and Philosophy of Western and Chinese Science and Technology. This program, sponsored by Volkswagen Foundation, starts in the summer of 1993 and takes place every semester until the summer of 1996. Apply three months prior to the beginning of each semester (January or July) by sending curriculum vitae, certificates, and a letter of reference to Technische Universität Berlin, Arbeitsstelle für Geschichte und Philosophie der Chinesischen Wissenschaft und Technik, Sekr. TEL, Straße des 17. Juni 135, 1000 Berlin 12, Germany.

LECTURES AND SEMINARS

The University of Florida Frontiers of Science Lecture Series for the year 1993-94 is including a special focus on the history, philosophy and social study of science. The lecture series is part of a special science curriculum project that is presently administered through the Department of Physics whose goal is to introduce approximately 500-700 undergraduate students to special problem areas in contemporary science. The lectures have been held for over twenty years and have included a distinguished list of speakers.

As part of its special emphasis in history, philosophy and social study of science, the Department of Physics has been cooperating with the Departments of History and Philosophy to introduce a range of topics into its traditional curriculum. Relevant speakers in this year’s lecture series include: Robert Hatch, David Hull, Jane Maienschein, Kenneth Manning, Ron Numbers, Alexander Rosenberg, Trevor Pinch, Charlotte Porter, Kenneth Schaffner, and L. Pearce Williams. For further information on the lecture series, or on the use of history and philosophy of science in such a lecture format as part of undergraduate curriculum, contact Betty Smocovitis, Department of History, University of Florida, 4131 Turlington Hall, Gainesville, FL 32611-2036; Tel. (904) 392-0271; Fax (904) 392-6927.

The American Antiquarian Society will hold its eighth and ninth Summer Seminars in the History of the Book in American Culture, 5-10 June and 12-17 June 1994, at the Society, which is located in Worcester, Massachusetts. The seminars, which are held under the auspices of the AAS Program in the History of the Book in American Culture, are intended for literary scholars and historians (including advanced graduate students), librarians and bibliographers, and other scholars who are working, or contemplating working, on historical topics involving the interpretation of the cultural role of books and other forms of printed material.

Applications will be accepted until all slots in the seminar are filled, but applications received by 21 March 1994 will be accorded priority. For further details of the seminar, including information on fees, credit arrangements, financial aid, and housing, and for application forms, write to John B. Herch, Director of Research and Publication, American Antiquarian Society, 185 Salisbury Street, Worcester, MA 01609-1634; Tel. (508) 752-5813 or 755-5221; E-mail: bm.aah@rlg.bitnet.

The Dibner Institute for the History of Science and Technology announces a seminar, Extinction: Historical, Philosophical, and Scientific Perspectives, 31 July - 6 August 1994, to be held at the Marine Biological Laboratory, Woods Hole, Massachusetts. The seminar will feature distinguished leaders each day who will explore different aspects of the historical, philosophical, geological and biological dimensions of extinction. Discussion will be based on previously circulated readings and is designed particularly for those with a demonstrated research interest in some aspect of the topic. The group will be limited to about 20 participants, selected from all ranks including advanced graduate students, and a variety of disciplines. Some financial aid is available for students and independent scholars.

For further information and application materials, write to the Dibner Institute for the History of Science and Technology, 38 Memorial Drive, MIT E56-100, Cambridge, MA 02139. Applications are due 1 April 1994.

ALSO NOTED:

The Francis C. Wood Institute for the History of Medicine announced its History of Medicine Seminar Schedule, Spring 1994, supported by a grant from the Benjamin and Mary Siddons Measey Foundation. The Seminar Schedule dates were 3 February - 21 April, held on Thursdays from 12:00 p.m. until 2:00 p.m. at the College of Physicians. For more information, call Carla C. Jacobs at the Wood Institute at (215) 563-3737, ext. 273.

POSITIONS

This list presents all announcements of job searches brought to the Society's attention. Notices are drawn (and often condensed) from many sources and (for positions in the U.S., Canada, and Australia) usually include affirmative action statements or their equivalent. The Society cannot assume any responsibility for the accuracy of any item and potential applicants should double-check all details, especially closing dates.

Notices of all job announcements are posted as they are received on HSSJOBS, an electronic bulletin accessible via the Internet Anonymous File Transfer Protocol (FTP). This file is available for anonymous ftp at the site of ftp.u.washington.edu, in the directory pub/user-supported/hss, under the filename hssjobs. Because computer networks differ among institutions, the HSS Executive Office is unable to provide members with step-by-step instructions to connect to HSSJOBS. Make sure that you sign on as anonymous for the username. If you are having problems, contact your computer network department for detailed instructions to log onto the HSSJOBS electronic bulletin.
Joint Editors: Nicholas Jardine and Andrew Cunningham, Senior Consulting Editor: Gerd Buchdahl, Department of History and Philosophy of Science, University of Cambridge, Cambridge, UK

... no journal other than Studies accepts articles across the full range of interests in interdisciplinary history and philosophy of science. Historians of science... would thus be well advised to scan its contents on a regular basis.

Rachel Laudan in Isis, Volume 81, Number 2, 1990.

Studies in History and Philosophy of Science is essential reading for students and teachers concerned with the historical, social and intellectual contexts of the sciences and with their methodology and epistemology. The journal particularly encourages studies which integrate philosophical, historical and sociological considerations. Its orientation is international, with contributions from a wide range of cultural perspectives. Papers published are of the highest scholarly quality. Since the journal's inception it has proved an invaluable source both for reflective scientists and for workers in the history, philosophy and sociology of science.

In 1993 Studies launched a new section entitled Studies in History and Philosophy of Modern Physics edited by Michael Redhead and Peter Galison. This section (2 dedicated issues in 1994) covers the history, philosophy and sociology of physics from the mid nineteenth century to the present.

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Cornell University is seeking an Assistant Professor, tenure-track, in the Department of Science and Technology Studies, beginning Fall 1994 (negotiable). The successful candidate will play an active role in developing the ethics and values component of the Department’s undergraduate major in biology and society, and teach related courses in such areas as biomedical ethics, environmental ethics, ethics and health care, and research ethics. Full contribution to the Department’s research and training program (both undergraduate and graduate) in the candidate’s area of specialization is central to the position. Area of specialization is open, but favored possibilities include history, philosophy, or sociology of life sciences, political and social theory, law, or gender studies relating to science, technology, or medicine. We especially welcome applicants who are able to connect their teaching of ethics and values to their research work in Science and Technology Studies. Applications from women and members of minority groups are strongly encouraged.

Candidates should submit a) a letter of application explaining the relation of their research and teaching interests to the requirements of this position; b) a curriculum vitae; c) a sample of written work; and d) sample course syllabi. Three letters of recommendation should be sent directly to the Committee Chair.

Application materials should be submitted to: Professor Peter Dear, Chair, Search Committee, Department of Science and Technology Studies, 726 University Avenue, Cornell University, Ithaca, NY 14850; Tel. (607) 255-6234; Fax (607) 255-0616; E-mail: li10@cornell.edu. Review of applications will begin as of 1 April 1994. Cornell University is an affirmative action/equal opportunity employer.

The newly founded Max Planck Institute for the History of Science at Berlin announces an opening for a Senior Research Fellow in Historical Epistemology. Research Area: The development of concepts, theories, and methods in the history of scientific disciplines (in particular, physics, chemistry, and biology). Expectations: Coordination of an interdisciplinary working group on "historical epistemology," which will primarily study the historical conditions of the development of scientific thinking. Prerequisites: Extensive research experience and publications in the area of research of the working group, in particular, in the philosophy and sociology of scientific knowledge, in the history of science, and in the psychology of knowledge; familiarity with the relationships between classical continental philosophy and the exact sciences.

The Max Planck Institute for the History of Science welcomes applications from minorities and handicapped scholars. This position can be filled as early as May 1994; salary according to the German civil service pay scale BAT 1a. The position is a permanent research post.

Applications, including letter of interest, curriculum vitae, and list of publications should be sent to Max-Planck-Gesellschaft, Generalverwaltung - Referat II a, Königstraße 19, D-80539 München. Application deadline is 1 May 1994.

The National Museum of Health and Medicine Foundation seeks an experienced professional to oversee the development of a major exhibition on nutrition as a Project Manager. Applicants should have advanced training in anthropology, health sciences, history or museum studies (Ph.D. preferred) and substantial experience in a science or history museum. Demonstrated abilities in exhibition planning and team management are essential. Submit letter of interest, curriculum vita, and names of three references to Nutrition Exhibition, National Museum of Health and Medicine Foundation, P.O. Box 59748, Washington, DC 20012-9748. No calls please. (This position will remain open until it has been filled.)

The University of Kansas announces an immediate opening for an entry or mid-level position in the history of medicine. It will be based in the Department of the History and Philosophy of Medicine in the School of Medicine on the Kansas City campus, and will offer optional teaching and collegial opportunities on the Lawrence campus as well. Salary is competitive, based on experience and qualifications. Applicants must have a doctoral degree (M.D., Ph.D.) as well as training in history at least to the M.A. level. Clinical fluency is desirable, but not absolutely requisite. Teaching effectiveness and research abilities should be documented. Biographic information and a curriculum vitae should be submitted to Robert P. Hudson, M.D., Chairman, Department of the History & Philosophy of Medicine, University of Kansas Medical Center, 3901 Rainbow Blvd., Kansas City, KS 66160-7310; Tel. (913) 558-7040. The University of Kansas is an Equal Opportunity Employer. It is planned to fill the position during FY 1994.

The Office of the Smithsonian Institution Archives is seeking to fill a position as Director of the Office of Smithsonian Institution Archives. The basic requirements of this position are: a) successful completion of a full 4-year course of study in an accredited college or university leading to a bachelor’s degree which included 18 semester hours in any one or any combination of the following: history, American civilization, economics, political science, public administration, or government, or b) appropriate combination of education and experience with at least 30 semester hours including courses as shown in “a” above, plus appropriate experience or additional education. In addition, qualified applicants must have 1 year of specialized experience equivalent to the next lower level. Specialized experience must have been in archival science or in a directly related field of work such as history that involved the collection, appraisal, analysis or synthesis of information having historical or archival value and has equipped the applicant with the knowledge, skills and abilities to successfully perform the duties of this position. For further information, call (202) 287-2458, or write to the Smithsonian Institution, Office of Human Resources, Branch 3,
The University of Notre Dame is seeking an Assistant Professor in the Program of History of Science/Liberal Studies. The successful applicant will teach great books, natural science, and history courses at the undergraduate level, administer and grade examination, assign and comment on student writing, and evaluate and counsel students. He/she will also teach graduate courses in the History of Science, particularly in medieval science and medicine. The position will require actively carrying out an individual research program in the areas of the history of medieval medicine, history of medieval universities, and the history of science and supervising dissertation in these fields. The position requires a Ph.D. in the History of Science. Send résumé to Rev. Oliver F. Williams, C.S.C., Associate Provost, Office of the Provost, University of Notre Dame, Notre Dame, IN 46556.

The University of Leeds, Division of the History and Philosophy of Science, Department of Philosophy, is inviting applications for a Lecturer. Appointment may be in any area(s) of specialization but applications from candidates with proven records of research in the history and philosophy of psychology, the history and social studies of western and non-western technology, the history of physiological and molecular biology, or the history of science in the Renaissance and seventeenth century will be particularly welcomed. Salary will be on the scale for Lecturer Grade A (13,601-18,855 pounds sterling) or Grade B (19,642-25,107 pounds sterling) according to qualifications and relevant experience. Application forms and further information may be obtained from the Personnel Office (Academic Section), The University, Leeds L82 9JT, UK; Tel. 0532-335771.

The Chemical Heritage Foundation (CHF) is seeking outstanding candidates for two staff positions. These positions offer a competitive salary and benefits package:

Program Officer—Plans, develops and executes the programs of the Foundation with primary responsibility for their intellectual content. Specific responsibilities include academic programs, project research, seminars, and public lectures; exhibits designed for special events, professional meetings, or outreach projects; public education including conducting programs in the history of the chemical sciences for teachers, and serving as principal liaison with the public and the press.

Qualifications: Advanced degree in the history of science, technology, or business or in the chemical sciences with substantial training/experience in history; minimum of two years professional experience in teaching, research, technical information writing, reporting or publishing; strong writing and public presentation skills.

Librarian—Responsible for all administrative and professional functions of the Othmer Library of Chemical History, including the acquisition, organization, maintenance, utilization, and dissemination of informational material and services relevant to the goal and plans of the Foundation.

Qualifications: Master's degree in library/information science from an ALA-accredited program; Bachelor's degree in chemistry, chemical engineering, or a related science, or equivalent experience; three to five years of relevant experience; demonstrated administrative skills; general knowledge of archives management; excellent organizational, analytical, and communication skills.

Applications for both positions will be received until the positions are filled, however, review of credentials began on 15 March, thus, an early submission is recommended. Applicants should send a letter of application, complete vitae, and names, addresses and phone numbers of three referees to Professor Arnold Thackray, The Chemical Heritage Foundation, 3401 Walnut Street, Suite 460-B, Philadelphia, PA 19104-6228.

The Institute for the History and Philosophy of Science and Technology, University of Toronto, invited applications for a full-time tenure stream position at the rank of Associate or Senior Assistant Professor in the history of physics and the exact sciences, beginning 1 July 1994. The candidate was to be qualified to undertake graduate faculty responsibilities including graduate seminars and supervision of doctoral dissertations, to teach undergraduates, and to conduct their own research.

Also Noted:

Northern Arizona University's Department of History announced a position for a tenure-track assistant professorship in European history. The successful candidate will regularly offer sections of Civilization survey, upper-level courses in Early Modern Europe through the French Revolution, and appropriate graduate seminars. Review of applications for this position began 1 February 1994. For more information, contact the European History Screening Committee, History Department, Box 6023, Northern Arizona State University, Flagstaff, AZ 86011-6023; Tel. (602) 523-4378; Fax (602) 523-2626.

The University of Northern British Columbia, located in Prince George, BC, is a new Canadian university scheduled to open in September of 1994. This opportunity is for a Chair of Women's studies, specializing in Feminism and Science, to join their academic team. Requirements for applicants included appropriate education at the doctoral level as well as one or more of: History of Feminism & Science; Feminist Sociology of Science; Feminist Critiques & Feminist Cultural Critiques of Science & Technology; and Ecological Feminism. The deadline for applications was 14 February 1994. For more information about this position, write to the Director of Human Resources, University of Northern British Columbia, P.O. Bag 1950, Station A, Prince George, BC V2L 5P2; Fax (604) 960-5695, quoting competition # 90-01115-GM.
and have proven excellence in research as demonstration by publication, and in teaching. The closing date was 1 March 1994. For more information, write to the Chair, Search Committee, Institute for the History and Philosophy of Science and Technology, Room 316, Victoria College, 73 Queen’s Park Cres. E., University of Toronto, Toronto, M5S 1K7 Canada.

The St. Cloud State University Project on Global Understanding, and Multicultural Perspectives was seeking three women scholars of color as Visiting or Distinguished Scholars to provide faculty and curriculum development. Applicants were to have a doctorate and/or a strong record of academic, scholarly, creative and/or leadership credentials; skills in curriculum development; and expertise in non-western, non-dominant women’s perspective. In addition, the applicant was to have expertise in one of these three areas: Social Sciences, Fine Arts & Humanities or Science and Technology. The deadline for applications was 7 March 1994. For more information, write to Julie Andrzejewski, Director, Women Scholars Project, Academic Affairs Office, St. Cloud State University, St. Cloud, MN 56301.

The Department of Science Studies, Atkinson College, York University, invited applications for a tenure-track position at the assistant professor level in Science Studies, effective 1 July 1994. The position will be based at Atkinson College, but may be cross-appointed with the Faculty of Pure and Applied Science. The deadline for receipt of applications was 15 March 1994. For more information, contact Richard A. Jarrell, Department of Science Studies, Atkinson College, York University, North York, Ontario M3J 1P3; Fax (416) 736-5103.

The Department of History, Oregon State University, announced an opening for a tenure-track position at the assistant professor level. Candidates needed to show evidence of training that focuses on East Asia. Scholarly and teaching interests might include Chinese history, Japanese History, History of Science or Medicine, Environmental History, Ethnic Peoples of East Asia, East Asian role in World History, Chinese Diaspora, or Chinese foreign relations. The successful candidate is expected to teach a survey of East Asian History and take part in one of the other departmental survey courses. A Ph.D. is required. The deadline for applications was 15 March 1994. For more information, write to the Department of History, Oregon State University, Corvallis, OR 97331-5104.

Postdoctoral Fellowship Positions

Northwestern University announces a program of graduate study and postdoctoral research designed to train scholars who wish to specialize in the history of science. The program draws on faculty from the departments of History, Philosophy and Physics who organize a weekly colloquium series along with special courses, seminars and workshops.

For post doctoral study, applications are encouraged from recent Ph.D.s who wish time for research, writing or retraining in the history of science. Postdoctoral fellowships provide a stipend of $25,000 plus benefits. Each fellow will be asked to teach one class or workshop during the year and to participate in other activities of the program. Applications should include: (1) a complete curriculum vitae, (2) a statement—no more than four double spaced pages—describing the project on which you would like to work while at Northwestern and (3) one published or unpublished paper. Three confidential letters of recommendation are also required. The deadline for postdoctoral fellowship applications is 1 December of the preceding year and should be sent to Professor David L. Hull, Department of Philosophy, 1818 Hinman, Evanston IL 60208-1315.

Also Noted:

The Center for Cultural Studies of Science, Technology, and Medicine, Department of History, University of California, Los Angeles, invited applications for a postdoctoral teaching fellowship for 1994-95. Applications were considered from any area of history of science, including social, cultural, gender, or policy studies of science with a significant historical dimension. The deadline for applications was 5 April 1994. For more information contact Theodore M. Porter, Department of History, UCLA, 405 Hilgard Avenue, Los Angeles, CA 90024-1473; Tel. (310) 206-2352; E-mail: porter@histr.sscnet.ucla.edu. AA/EOE.

Future Meetings & Call for Papers

Sigma Xi, The Scientific Research Society, is sponsoring a forum on Scientists, Educators, and National Standards—Action at the Local Level, at the Omni Hotel at CNN Center in Atlanta, Georgia, 14-15 April 1994. Scientists, engineers, teachers, and representatives of industry and government will review proposed national K-12 science education standards and define a role for professional researchers in improving science education. For more information, contact Dee Windley, Sigma Xi, P.O. Box 13975, Research Triangle Park, NC 27709; Tel. 1-800-243-6534; Fax (919) 549-0090.

An international colloquium, organized by l’Académie des Sciences, will be held 3-5 May 1994 in Paris and 6 May in Blois (Loir et Cher) celebrating the Bicentenary of Antoine-Laurent de Lavoisier’s Death. This meeting will assemble the world’s foremost specialists in the history of science. In conjunction, a public exposition will be held in Paris, which will trace the life and work of Lavoisier during the
An International Meeting organized by the European Science Foundation and the Club d'histoire de la chimie will be held in Paris, 9-10 May 1994, following the Commemorative Colloquium organized by the Académie des Sciences for the bicentenary of Lavoisier's execution. For more information, write to Club d'Histoire de la Chimie, Ecole Superieure de Physique et de Chimie Industrielles, de la Ville de Paris, 10 Rue Vauquelin, Paris 75005, France.

A conference on Science and Religion in Modern Western Thought will be held on 18-19 May 1994 at York University, Toronto, Canada. Scheduled speakers include Ralph Colp, Jr., Michele Greene, Stephen Happel, David Kohl, Trevor Levere, Bernard Lightman, Maureen McNeil, Brayton Polka, Frank Turner, and Bernard Zelechow. Held in honor of Professor Sydney Eisen, the conference will focus on the relationship between science and religion in nineteenth- and twentieth-century thought. The papers will be of interest to scholars in the fields of history of science, intellectual history, and religious studies. For further information contact Professor Bernard Lightman, S932 Ross, Office of the Dean of Arts, York University, 4700 Keele St., North York, Ontario, Canada M3J 1P3 (E-mail: lightman@vm2.yorku.ca), or Professor Bernard Zelechow, Humanities Division, Vanier College, York University, North York, Ontario, Canada M3J 1P3 (E-mail: berniez@vm2.yorku.ca).

A conference on The Architecture of Science will be held at Harvard University the weekend of 21-22 May 1994. Co-sponsored by the Department of History of Science, the Graduate School of Design and the Medical School at Harvard University, this interdisciplinary conference will bring together architects, scientists, and historians to consider the various relationships between science and architecture. Speakers include: architects Robert Venture, Denise Scott Brown and Moshe Safdie; molecular biologist Arnold Levine; physicist Robert R. Wilson; architectural historians Sophie Forgan, Kenneth Frampton and Alberto Pérez-Gómez; historians Peter Galison, Paula Findlen, Allan Brandt, and many others. For more information, contact Emily Thompson, Department of History of Science, Harvard University, Science Center 235, Cambridge, MA 02138; Tel. (617) 495-0792; E-mail: ethomps@husc.harvard.edu.
The Society Les Amis de Francois Quesnay and the Institut National d'Etudes Demographiques are organizing an International Conference in honor of the Tercentenary of the birth of Dr. Francois Quesnay (1694-1774), physician and father of Physiocracy. The conference will be held in June 1994 at Versailles, France. Topics to be discussed are: Quesnay and the scientific methods; Physiocracy, agriculture and agronomy; Quesnay and Economic Analysis; Physiocracy as a science for man in society; and Social and political practices of the Physiocrats. For a registration form and further information, write to Secretariat General, Christine Thevert, Institute National d'etudes Demographiques, 27 rue du Commandeur, 75675 Paris Cedex 14, France.

The Ministre de l'Education Nationale announces a conference on Automation and Robotic Automation in the Operations of Chemical and Biochemical Laboratories. This conference, scheduled to be held 16-17 June 1994 at the Conservatoire National des Arts et Metiers in Paris, will discuss the state-of-the-art techniques in laboratory automation in chemistry and biochemistry. For further information, contact CNAM - Colloque "Robotisation", Chaire Chimie Organique, 252 Rue Saint-Martin, F-75141 Paris Cedex 03; tel. 33 (1) 47 71 81 53; fax 33 (1) 47 71 39 99.

Submissions are invited for the symposium, History of Chemistry in the Pacific Northwest, to be held at the 49th Northwest Regional Meeting (NORM 94) of the American Chemical Society (ACS) in Anchorage, Alaska, 17-19 June 1994. For further information, contact Richard E. Rice, Department of Chemistry, The University of Montana, Missoula, MT 59812; Tel. (406) 243-4227.

The Northeastern Science Foundation will sponsor the Third Annual Meeting of the History of the Earth Sciences Society in Troy, NY, 7-9 July 1994. Excursions will include the Taconic and Catskill Mountains as they relate to 19th Century Geological Controversies. Contributions are invited on all aspects of the history of the earth sciences, particularly on the history of stratigraphy, sedimentology, and paleontology. For further information write to Dr. Gerald M. Friedman, The Northeastern Science Foundation, Inc., Rensselaer Center of Applied Geology, 15 Third Street, P.O. Box 746, Troy, NY 12180.

L'Association Francaise de Nutrition, The Nutrition Society (Great Britain), and La Socite de Nutrition et de Diététique de Langue Francaise announce the Lavoisier Symposium to be held at the Conservatoire National des Arts et Metiers in Paris on 13-16 July 1994. This interdisciplinary symposium will hold conferences in both French and English, with simultaneous translation provided. For further information, contact J.P. Desjeux, Secretariat du Symposium, INSERM U290, Hospital Saint-Lazare, 107 Rue du Faubourg Saint-Denis, 75003 Paris; Tel. +33 (1) 45 23 24 07; fax +33 (1) 47 70 28 35.


The Twelfth National Conference on Artificial Intelligence (AAAI-94) will be held in Seattle, Washington, 31 July-4 August 1994. This workshop will focus on research involved in the integration of Natural Language Processing (NLP) and Vision Processing (VP). Workshop topics will include theoretical issues and systems exhibiting integrated NLP and VP, and intelligent multimedia involving NLP and VP. The deadline for call for papers was 18 March 1994. For more information about this workshop, contact Paul McKevitt, Department of Computer Science, Regent Court, University of Sheffield, 211 Portobello Street, QB51 4DP, Sheffield, England, UK; Tel. 44-742-825572; Fax: 44-742-780-972; E-mail: p.mckeveit@dcs.shef.ac.uk.

Pine Manor College has invited scholars to attend, present a paper, or organize a session for the Second International Symposium on Telecommunications History, a two day popular history symposium for those seriously interested in the history of telephony, to be held 5-6 August 1994. Topics will include inventions, telephone engineering, biographies or inventors and telephone pioneers, economics, finance, competition, regulation, legal conflicts, manufacturing and operating companies, local and regional telephone histories, archives and museums and other sources of historical material, telephony's artifacts and antiquarian literature, and the sociological aspects of the telephone. Professor emeritus Robert V. Bruce, Boston University, will be the keynote speaker. Professor Bruce is a Pulitzer-prize winning author who wrote the definitive biography, Bell: Alexander Graham Bell and the Conquest of Solitude.

The deadline for proposals was 1 April 1994. The registration deadline to attend this meeting is 15 June 1994. For further information, write or fax your questions to George W. Howard, B.S., J.D., Executive Director, Second International Symposium on Telecommunications History, 5762 Innbruck Road, East Syracuse, New York 1307-3059; Fax (315) 656-9975.

The Department of the Navy will sponsor a conference on World War II in the Pacific at the Hyatt Regency Crystal City, Arlington, Virginia, 10-12 August 1994. This conference will examine the momentous Allied offensive campaign against the Empire of Japan from August 1942 to August 1945. The analysis of well-known military and naval historians, the remembrances of veterans of the war, contemporary film, artifact displays, and book exhibits will focus on this dramatic clash of arms that so influenced the late 20th century. The World War II in the
Pacific Conference Program Committee welcomes single papers or entire sessions on such aspects of the war as grand strategy and policy, Allied coalition policies, the South, Southwest, and Central Pacific campaigns, the battles of Leyte Gulf, Okinawa, and Iwo Jima, combat leadership, military medicine, intelligence and code-breaking, the evolution of naval air and amphibious warfare doctrine, combat art and photography, technological development of ships, aircraft, and weapons, Marine Raider and Navy UDT operations, and logistics. Send one-paragraph abstracts of paper or session proposals, curriculum vitae, and related correspondence to Dr. Edward J. Marolla, Chair, Program Committee, World War II in the Pacific Conf., Naval Historical Center, Bldg. 57 WNY, Washington, DC 20374-0571. Deadline for submission of proposals is 30 November 1993.

The 34th Congress of the International Society for the History of Medicine will be held in Glasgow from 4-8 September 1994 on the campus of Strathclyde University. Sessions will be held on antiseptic surgery, Scottish medicine at home and abroad, Celtic medicine, military medicine, public health and family medicine, and dental medicine. Individual papers not relating to these subjects will also be read in English and French. An outstanding social programme has been arranged that includes a day trip to Edinburgh. Several optional excursions are also available, including a city tour of Glasgow, a trip to Loch Lomond and the Highlands, and a visit to Ayrshire and Robert Burns's cottage.

The campus of Strathclyde University is located in the city centre, close to hotels, shops and galleries, and near Glasgow Royal Infirmary, whose bicentennial celebrations coincide with the Congress. Glasgow was selected as European City of Culture for 1990. It is the home of the Scottish Opera, Scottish Ballet, and the Royal Scottish National Orchestra. The city is famous for its museums and art galleries, in particular for the Burrell Collection, and its many impressively restored Victorian buildings.

For more information write to the History of Medicine Congress Secretariat, c/o Meeting Makers Ltd., 50 George Street, Glasgow G1 1QE, Scotland. Tel. 041-553-1930; Fax 041-552-0511.

To mark its fiftieth anniversary, ORSTOM (Institut français de recherche scientifique pour le développement en coopération), one of France’s major scientific institutions, is organizing a four-day conference in association with UNESCO on 20th Century Science: Beyond the Metropolis, to be held at the UNESCO building in Paris, 19-22 September 1994. The theme of this conference will be examined from two standpoints, with two days focusing on the historical aspect and two days looking to the future (including the history and the future of ORSTOM itself). The Symposium is structured in terms of six sessions: HISTORY: 1) Scientists, institutions and policies, 2) Changing concepts in tropical sciences, 3) Cultural areas and transfer of science and technology; PROSPECTS: 4) The state of science today: implications in the South, 5) Science and development, 6) Support from the North to scientific development in the south: new approaches. For each session, there will be a debate in the conference hall between a guest speaker, a rapporteur of papers received and authors of these papers. In the days that follow, some points will be discussed in greater depth at workshops held in smaller rooms. Several workshops will be devoted to ORSTOM itself, and a comparison made with similar institutions. For further information write to Mme Laurence PORGES, Colloque du Cinquantenaire, ORSTOM, 213, rue La Fayette, 75010, PARIS, France; Tel. (33 1) 48 03 79 02; Fax (33 1) 40 36 24 55.

The University of Central Lancashire and the Beijing Institute of Technology are planning an international conference entitled The Development and Role of Women in Technology to be held 21-23 September 1994 in Beijing, China. This event is part of a long-term project on the development of women in technology and, in particular, their role as electrical and electronic engineers. It is part of the initiative of the Overseas Development Agency and the British Council in the development of women and it is intended to make a positive contribution to women's economic, social and technological development in China. A further outcome is to provide reference material and opportunities for women's development projects in the United Kingdom.

The conference will provide a forum for the exchange of information and act as a catalyst for the awareness-raising of future male and female policy-makers and educationalists. It will enable further projects on the development of women to be identified and form the basis of an information network and exchange.

For further information, please contact Di Gibney, Faculty of Design and Technology, University of Central Lancashire, Preston PR1 2HE England; Tel. 0772893162; Fax 0772892901; or Professor Li Shizhi, Department of Electronic Engineering, Beijing Institute of Technology, P.O. Box 327, Beijing 100081 China; Tel. 8416688-2601; Fax 00861-8412889.

A conference on Healing, Magic and Belief in Europe, 15th-20th Centuries: New Perspectives, to be held at the University of Amsterdam, 21-25 September 1994, will address the question: "To what extent and in which ways have 'magic' and 'belief' constituted part and parcel of people's conceptions, representations and explanations of health and illness, and their reactions to illness." Special attention will be paid to language, rationality, tolerance, civilization, medical market and gender. For further information contact Marijke Gijswijt-Hofstra, Department of History, University of Amsterdam, Spuistraat 134, 1012 VB Amsterdam.

The American Association of Textile Chemists and Colorists (AATCC) is seeking general papers relating to the
history of textile dyeing, printing, bleaching, and finishing for presentation at its International Conference and Exhibition in Charlotte, North Carolina, 11-14 October 1994. All papers accepted for presentation will be published in the Book of Conference Papers. Some papers may also be published in Textile Chemist and Colorist, the peer reviewed journal of the Association. Submit abstracts before 1 May 1994 to Herbert T. Pratt, chairman of History and Archives, AATCC, P.O. Box 12215, Research Triangle Park, NC 27709. To meet conference publication deadlines, all papers accepted must be in the hands of the editor by 15 July 1994.

The Division of Research Programs announces twelve research conferences in 1993 - 1994 that are being supported by the National Endowment for the Humanities. These conferences are designed to advance scholarly research in the humanities. Some of the conferences will award small travel subsidies on a competitive basis to junior faculty and graduate students who wish to attend. In most cases the interested public is also welcome. Those interested in additional information should call or write the conference project directors. Proceedings of conferences that have already taken place can also be obtained from the project directors. Information on the programs of the Research Division is available from the Division of Research Programs, Room 318, National Endowment for the Humanities, 1100 Pennsylvania Avenue, N.W., Washington, DC 20506; (202) 606-8358; Fax (202) 606-8204; E-mail: nehres@gwuvm. Application deadlines for conferences are 1 October 1994 and 1 April 1995.

The Forum for the History of Human Science is seeking to encourage submissions addressing issues in the human sciences for the upcoming meeting of the History of Science Society, to be held in New Orleans, 13-16 October 1994. Ideas for individual papers and possible session topics can be coordinated by contacting David A. Valone, Institute Archives, Caltech 015A-74, Pasadena, CA 9125; Tel. (818) 395-2704; E-mail: dvalone@cco.caltech.edu. The forum is especially concerned with fostering the participation of graduate students and independent scholars.

INTERFACE '94, the Nineteenth Annual Humanities and Technology Conference, will be held in Atlanta, Georgia, 27-28 October 1994. INTERFACE provides a forum for discussing the conjunction of humanistic concerns with scientific and technical developments. The informal theme for the 1994 meeting will be "Technology and Public Opinion," and papers focusing on technology and the environment, technology and ethics, and communication technologies and the formation of public opinion are particularly encouraged. For more information, contact Julie R. Newell, Department of Social and International Studies, Southern College of Technology, 1100 South Marietta Parkway, Marietta, GA 30060-2896; Tel. (404) 528-7481; E-mail: jnewell@stct.edu.

The 1995 annual meeting of the American Historical Association will be held in Chicago, IL, 5-8 January 1995. The program for the annual meeting seeks to promote excellence in research and teaching and discussion of significant professional issues, rights, and responsibilities. The Program presentations will include the entire community of historians and provide opportunities to examine the larger concerns of the profession. Since 1995 is the fiftieth anniversary of the end of World War II, the sessions will focus on the aftermath of war in different times and places, and on explorations of the ways historians explain and represent such periods of disruptions and restabilization. For further information, contact Robert J. Harris, Jr., Africana Studies and Research Center, Cornell University, 310 Triphammer Road, Ithaca, NY 14850.

The 1995 Renaissance Society of America Annual Meeting will be hosted by the National Office, 30 March-1 April 1995, in New York City. The Bennett Lecturer will be John O'Malley, Weston School of Theology. For more information contact Laura Schwartz at the RSA office at (212) 995-3779; Fax (212) 995-4205, or write RSA, 24 West 12th Street, New York, NY 10011.

The American Association for the History of Medicine announces a call for papers for its 1995 Annual Meeting. The meeting will be held on the University of Pittsburgh campus, 11-14 May 1995. Any subject in the history of medicine is suitable for presentation, but the paper must represent original work not already published or in press. Presentations are limited to twenty minutes. Because the Bulletin of the History of Medicine is the official journal of the AAHM, the Association encourages speakers to make their manuscripts available for consideration by the Bulletin upon request. As in the past, the 1995 program will include lunch-time roundtable workshops and poster sessions. Proposals for entire sessions (3 papers) may be submitted, but each abstract will be judged and accepted on its own merits. Those wishing to submit abstracts for these sessions should follow the instructions given above.

Any person interested in presenting a paper at this meeting is invited to submit an abstract (one original and six copies) to the chair of the Program Committee, Dr. Mary Lindemann, History Department, Carnegie Mellon University, Pittsburgh, PA 15213. Abstracts must be typed single-spaced on one sheet of paper, and must not exceed 300-500 words in length. They should embody not merely a statement of a research question, but findings and conclusions sufficient to allow assessment by the Program Committee. The following biographical information is also required: Name, title (occupation), present institutional affiliation, if any, preferred mailing address and work and home telephone numbers. Abstracts must be received by 15 October 1994 (no faxes). Registration information may be obtained by contacting the Local Arrangements.
The Philosophy Department at the University of Western Ontario, with the assistance of the Social Science and Humanities Research Council of Canada, will be hosting a conference on Logic and the Workings of the Mind: Ramus to Kant in June 1995. Papers are solicited on topics exploring the influence of early modern logic on early modern philosophy, or early modern "faculty psychology" on early modern logic. Topics could include, but are not restricted to abstraction of concepts from sensory experience and debates over the nature and status of abstract ideas; accounts of conceptual clarity/obscurity, distinctness/confusion and their influence; accounts of the repugnance and comparison of ideas and their relation to theories of logical truth and contingency; relation between notions of conceivability/inconceivability and possibility/impossibility in early modern logic and philosophy; accounts of necessity and contingency and their relation to a priori and a posteriori modes of knowing, or treatments of the work of particular early modern logicians. Regardless of topic, papers should be primarily focused on the content of early modern logic textbooks. For more information contact Thomas M. Lennon, Early Modern Logic Project, Philosophy Department, University of Western Ontario, London, Canada, N6A 3K7, or send e-mail to Lorne Falkenstein (LFalkens@uwovax.uwo.ca). Submission deadline is 1 September 1994.

The Australian Society for the History of Medicine is sponsoring an International Conference on the History of Medicine and Health, to be held on Norfolk Island, Australia, 2-9 July 1995. Conference themes include the history of penal systems and medical aspects of incarceration; military and garrison medicine and health; outpost medicine and health; and maritime medical history. There will also be conference sessions devoted to papers on the history of health and medicine outside of theme areas. To be placed on the conference mailing list, and to make a preliminary offer of a paper, please contact (by post or fax) Dr. John Thearle, Conference 95 Secretariat, Department of Child Health, Mater Children's Hospital, South Brisbane, Queensland 4101, Australia. Fax: (617) 844-9069.

The Third International History, Philosophy and Science Teaching Conference will be held at the University of Minnesota, Minneapolis, 27 October-1 November 1995. It follows the very

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The local organizing group comprises Fred Finley and Pat Heller from the Science Education Unit, University of Minnesota, Roger Stuewer and Alan Shapiro from the Minnesota Centre for the History and Philosophy of Science and David Rhee and Nahum Kipnis from the Bakken Museum of Electricity in Medicine, Minneapolis. External advisors include Jere Confrey (Cornell University), Skip Hills (Queen’s University), Ken Tobin (Florida State University) and Michael Matthews (University of Auckland).

The conference organizers are particularly keen to encourage the production of units of work and lessons in the sciences and mathematics that incorporate historical and philosophical themes. These can be for elementary, secondary or college level classes. It is anticipated that one stream of the conference will be concerned with pedagogical and resource matters.

The organizers also encourage the various international and U.S. groups that have interests in the role of HPS in science, mathematics and history teaching to use the conference as an occasion to present their work and to consolidate U.S. and international networks. Paper proposals should be sent to, and information about the conference can be obtained from, Professor Fred Finley, Department of Curriculum and Instruction, University of Minnesota, Minneapolis, MN 55455-0208, USA; Fax 1-612-624-8277; e-mail: finleyfrn@vx.us.umn.edu. To be put on the conference mailing list, send full name and address to Fred Finley.

MEETING REPORTS

Ronald Calinger reported on The Consortium of Social Science Association’s (COSSA) 1993 Annual Meeting in Washington, DC, 15 November 1993. The program included a superb talk by Professor William Julius Wilson, COSSA President, on the worsening urban conditions over the past two decades, especially for the case of black men, and observations by Dr. Cora Marrett, Assistant Director of the Social, Behavioral, and Economic Sciences Directorate at NSF. Dr. Marrett cited the importance of working with other disciplines on larger projects, and she urged everyone to read the reports on NSF from the committees of the House and Senate to see evolving areas of emphasis. She said that Congress’s use of the terminology “strategic” and “targeted research” and the portion of the budget that it wanted allocated to them caused some uneasiness, but this seems another expression for applied research. Thus, the call for strategic research does not seem to suggest a sharp departure from past funding patterns.

An International Conference on Astronomy and the State: U.S. and C.I.S. Perspectives was held in Washington, D.C., 11 January 1994. Organized by the International Relations Committee of the Historical Astronomy Division (American Astronomical Society), conference participants included historians of science and scientists from the United States and Russia. Among the topics discussed were purges of Soviet scientists during the early Stalinist era, U.S. state Department interference in international science during the Cold War, military patronage and post-World War II science, and archival materials for Soviet science and its political-institutional setting. Oral history interviews were conducted with visiting Russian participants. For further information contact Robert McCutcheon [714 Richmond Avenue, Silver Spring, MD 20910, Tel. (301) 497-2743; E-mail: rmccutcheon@author.dnet.nasa.gov] or Ronald E. Doel [DSH/NASM, Smithsonian Institution, Washington, DC 20560; Tel. (202) 357-2828; E-mail: nasdsh08@svim.si.edu].

Also Noted:

The Department of History at the University of Florida sponsored a special workshop entitled “The New Contextualism: Science as Discourse and Culture,” 11-13 March 1994. Co-sponsored by the Department of English, Philosophy and Science Education of the Minnesota Centre for the History and Philosophy of Science and the Bakken Museum of Electricity in Medicine, Minneapolis, the workshop brought to campus relevant speakers to discuss the transition from HPS to science studies and to the cultural study of scientific knowledge. The workshop also served as a pre-panel discussion for a joint PSA/HSS session including Brian Baigrie, Andrew Pickering, Joseph Rouse, and Betty Smocovitis, and organized by Alison Wylie for the New Orleans meetings. For further information contact Betty Smocovitis, Department of History, 4131 Turlington Hall, University of Florida, Gainesville, FL 32611; Tel. (904) 392-0271.

News from Washington, DC

(continued from page 9)

forum, held on 31 January and 1 February at the National Academy of Sciences, featured speeches by Vice President Al Gore, Senators Barbara Mikulski (D-MD), Jay Rockefeller (D-WV) and Representative George Brown (D-CA). All the speakers attempted to explain to the scientist the notion of “strategic research.” This phrase, which has crept into science policy debates, entered the national scene most dramatically during the hearings last summer concerning the future of the National Science Foundation. At that time, many scientists and science policy-makers, including several HSS members, expressed alarm at the implications behind this new phrase.

Most of the national leaders who spoke at the forum took great pains to emphasize that strategic research did not mark a complete departure from supporting the notion of basic research. Representative Brown argued that basic and applied research are not mutually exclusive. Senator Mikulski provided the most
dramatic testimony, arguing for a “new paradigm” in how science policy is organized instead of debating the notions of basic and applied research. “[The new paradigm] is based upon the principle that science should lead to new ideas and new technologies, which should lead to jobs, especially in manufacturing because manufacturing is truly the engine of our economy, and our industrial strength. We must focus our science investments more strategically—around national goals that are important to economic growth and whose results will ultimately improve people’s day-to-day lives.” She quickly assured the scientists in the audience that her new paradigm did not preclude basic research, but that government must be “spending more than half of our basic research dollars to specific problem areas.”

There were also a number of concerns expressed about future NSF budgets, especially within the environment of the proposed balanced budget amendment. Both Senators Rockefeller and Mikulski warned that if the proposal passed, any prospect for an optimistic funding future for science would be dimmed considerably. On 1 March, the Senate defeated the proposal. It will be considered later this year in the House, but it is unlikely to emerge again in the Senate until next year.

HSS will continue to monitor these issues and more information will be forthcoming in the HSS Newsletter. In particular, we will report on the meeting of the NSF Science & Technology Studies Program in Seattle from 21-23 April. The meeting will include an opportunity for the presidents and executive secretaries of HSS, PSA, 4S, and SHOT to meet with the panel and with the new director of the Division of Social, Behavioral, and Economic Sciences. Ron Overmann and Keith Benson will host the meeting.
Numbers 1-3. 473 pp., illus., bibls., index. Baltimore: Johns Hopkins University Press, 1993. (Published by the Johns Hopkins University Press for the Society of Literature and Science in cooperation with the Georgia Institute of Technology.) $22 for non-members; $33 for members.

Conser, Walter H., Jr. God and the Natural World: Religion and Science in Antebellum America. xi + 191 pp., illus., bibl., index. Columbia: University of South Carolina Press, 1993. $34.95.

Cornett, Lloyd H. (Editor). History of Rocketry and Astronautics. (AAS History Series, 15; IAA History Symposia, 9.) (Proceedings of the Twentieth and Twenty-First History Symposia of the International Academy of Astronautics, Innsbruck, Austria, 1986, and Brighton, United Kingdom, 1987.) xiv + 438 pp., illus., figs., tables, indexes. San Diego, Calif.: American Astronautical Society, 1993. $60 (cloth); $40 (paper).

Cortada, James W. The Computer in the United States: From Laboratory to Market, 1930-1960. xx + 183 pp., illus., fig., tables, index. Armonk, N.Y./London: M. E. Sharpe, 1993. $45 (cloth); $16.50 (paper).


Duchesneau, François. Liebnez et la méthode de la science. (L'interrogation philosophique.) vi + 413 pp., figs., bibl., index. Paris: Presses universitaires de France, 1993. Fr. 258 (paper).

Duffin, Jacalyn. Langstaff: A Nineteenth-Century Medical Life. xvi + 383 pp., frontis., illus., figs., tables, apps., bibl., index. Toronto/Buffalo: University of Toronto Press, 1993. $60, $39 (cloth); $17.95, $11.50 (paper).

Paulkner, Robert K. Francis Bacon and the Project of Progress. x + 309 pp., apps., indexes. Lanham, Md.: Rowman & Littlefield Publishers, 1993. $55 (cloth); $21.95 (paper).


Frei, Günther; Stammbach, Urs. Hermann Weyl und die Mathematik an der ETH Zurich 1913-1930. xviii + 181 pp., illus., bibl., index. Basal/Boston: Birkhauser Verlag, 1992. Fr 68, DM 78, $43.85.

Geison, Gerald L.; Holmes, Frederick L. (Editors). Research Schools: Historical reappraisals. (Osiris, 8.) vii + 248 pp., figs., tables, index. Chicago: University of Chicago Press, 1993. $39 (cloth); $25 (paper).


Goldstein, Martin; Goldstein, Inge F. The Refrigerator and the Universe: Understanding the Laws of Energy. xii + 433 pp., illus., figs., tables, app., index. Cambridge, Mass./London: Harvard University Press, 1993. $29.95.

Golley, Frank Benjamin. A History of the Ecosystem Concept in Ecology: More than F the Sum of the Parts. xvi + 254 pp., illus., figs., tables, bibl., index. New Haven/London: Yale University Press, 1993. $30.


Huff, Toby E. The Rise of Early Modern Science: Islam, China, and the West. xiv + 409 pp., illus., figs., bibl., index. Cambridge/New York: Cambridge University Press, 1993. $54.95.


Huxley, Julian S. Problems of Relative Growth. With a new introduction by Frederick B. Churchull and an essay by Richard E. Strauss. (Foundations of Natural History.) xxviii + 276 pp., illus., figs., tables, bibl., indexes. 1932. Reprint. Baltimore/London: Johns Hopkins University Press, 1993. $19.95 (paper).

King, David A. Astronomy in the Service of Islam. (Variorum Collected Studies Series.) xiv + 333 pp., frontis., illus., figs., tables, app., bibls., indexes. Aldershot, Eng./Brookfield, Vt.: Variorum, 1993. $94.95.


Laidler, Keith J. The World of Physical Chemistry. xii + 476 pp., frontis., illus., figs., tables, app., bibls., index. Oxford/New York: Oxford University Press, 1993. $85.

Latour, Bruno. We Have Never Been Modern. Translated by Catherine Porter. x + 157 pp., figs., bibl., index. Cambridge, Mass.: Harvard University Press, 1993. $29.95 (cloth); $12.95 (paper).

Lupton, Mary Jane. Menstruation and Psychoanalysis. x + 228 pp., bibl., index. Urbana/Chicago: University of Illinois Press, 1993. $34.95 (cloth); $14.95 (paper).

Macrakis, Kristie. Surviving the Swastika: Scientific Research in Nazi Germany. xiv + 280 pp., illus., tables, app., bibl., index. New York/Oxford: Oxford University Press, 1993. $39.95.


Mengal, Paul (Editor). Histoire du concept de récapitulation: Ontogénese et phylogénese en biologie et sciences humaines. (Histoire des sciences.) 132 pp., illus., figs., bibls., index. Paris/Milan: Masson, 1993. (Ouvrage publié avec le concours de l'université de Paris, XII-Val-de-Marne.) Fr 180 (paper).


Pedersen, Olaf. Early Physics and Astronomy: A Historical Introduction. x + 413 pp., illus., figs., table, app., bibl., index. 1974. Second Edition. Cambridge/New York: Cambridge University Press, 1993. $75 (cloth); $29.95 (paper).


Simmons, I. G. Interpreting Nature: Cultural Constructions of the Environment. xiii + 215 pp., illus., figs., tables, bibl., index. London/New York: Routledge, 1993. $55.50, Can $68.95 (cloth); $17.95, Can $22.50 (paper).


Szasz, Ferenc Morton (Editor). Great Mysteries of the West. xii + 266 pp., illus., bibl., index. Golden, Colo.: Fulcrum Publishing, 1993. $19.95 (paper).

Thurston, Hugh. Early Astronomy, x + 268 pp., illus., tables, app., bibl., index. New York/Berlin: Springer-Verlag, 1994. $49.


Velthuys-Bechthold, P. J. M. Inventory of the Papers of Pieter Zeeman (1865-1943), Physicist and Nobel Prize Winner: c. 1877-1946. (Inventarisreeks Rijksarchief in Noord-Holland, 3.) 298

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Zerner, Catherine Wilkinson. Juan de Herrera: Architect to Philip II of Spain. viii + 216 pp., illus., figs., bibl., index. New Haven, Conn./London: Yale University Press, 1993. $50.