NEWS OF THE SOCIETY

EXECUTIVE SECRETARY WRITTEN INTO CONSTITUTION

Two related outcomes of the 1986 annual meeting of the Society may have considerable impact in years to come. First, the Council and the Business Meeting adopted the proposal and related amendments to the HSS Constitution creating a part-time paid position of Executive Secretary within the Society, replacing the current position of the Secretary. [See story on page 1 of July 1986 Newsletter and constitutional amendments on page 2 of October 1986 Newsletter.] The search for the first Executive Secretary is now under way; see the job announcement in the Positions section, page 4. Society members are encouraged to apply for this important job within the Society.

NEW MATCHING MONEY DONATED BY BERN DIBNER

Second, the important news was announced that Dr. Bern Dibner has generously pledged another $200,000 to HSS from the Dibner Fund, provided that equivalent amounts are raised from other sources, to bring the total endowment fund from its current level of $600,000 to a level of $1 million. This new pledge is to be paid over the years 1987–1989, as donations come in from other sources.

In announcing this happy news at the 1986 Annual Banquet in Pittsburgh, President Edward Grant pointed out that 1986 was the last year of a three-year-long push to secure enough funds for the HSS to sustain a proper level of professional activity and career support. In the three-year period, the Society has raised an endowment of about $600,000, but this is only part of the way to the goal the Society must attain. The new challenge pledge of $200,000, if it is successfully matched by donations from our members, will enable us to reach an endowment of $1 million. If the average donation or pledge from our more than 2,700 members were $100, we could meet this goal easily. As President Grant also announced, each member of the Society was to receive a letter in November asking for his or her matching contribution. [For an interim report of the response by early December, see page 2.]

Continued on next page
NEWS OF THE SOCIETY continued

In the years since the recent Fund Drive was launched, the HSS has revived Osiris, launched the Visiting Historians of Science program, developed support services for Unaffiliated Scholars, begun a Thematic and Regional Meetings programs, and taken on a number of other new functions, shortly to include the office of Executive Secretary. Many of these new functions are currently supported by foundation grants that will soon be used up. In order to be in a position in which its expenditures do not exceed its income, the Society needs to supplement its annual dues income with the proceeds that a significant endowment might provide. Send in your contributions now! All donations will be gratefully acknowledged, and the donors will be listed in both Isis and the Newsletter.

LET'S FINISH THE JOB!
AN APPEAL TO EVERY MEMBER

As the Newsletter went to press, over 100 individuals and corporations had responded to the last stage of the Fund Drive appeal sent out in November, pledging over $70,000. This money will count as matching funds toward the additional $200,000 pledged to the Society by Bern Dibner on the condition that he will continue to assist with the treasurer's duties, past the end of his formal term of office on 31 December, through the end of the fiscal year and the financial audit. Since Mary Louise Gleason lives in New York City, the banking and other bases for the financial affairs of the Society can remain as they are. Mary Louise Gleason was elected Treasurer for a two-year term beginning 1 January 1987. Spencer Weart will continue to assist with the treasurer's duties, past the end of his formal term of office on 31 December, through the end of the fiscal year and the financial audit. Since Mary Louise Gleason lives in New York City, the banking and other bases for the financial affairs of the Society can remain as they are. Mary Louise Gleason was authorized to spend up to $5,000 for computer hardware and software necessary for keeping the Society's accounts.

The Council also passed by acclamation a formal resolution of thanks to Spencer Weart for his years of valiant service as Treasurer of the Society, during which, as he noted in his report, the Society's assets have grown by a factor of ten. Mary Louise Gleason was elected Treasurer for a two-year term beginning 1 January 1987. Spencer Weart will continue to assist with the treasurer's duties, past the end of his formal term of office on 31 December, through the end of the fiscal year and the financial audit. Since Mary Louise Gleason lives in New York City, the banking and other bases for the financial affairs of the Society can remain as they are. Mary Louise Gleason was authorized to spend up to $5,000 for computer hardware and software necessary for keeping the Society's accounts.

The Council also passed by acclamation a formal resolution of thanks to Gerald Holton for his very successful shepherding of the Fund Drive, now in its final stages. Because of the rising level of Society activity, including publications old and new, the Council voted to raise the Society dues, effective for 1988, to $34 for individuals, $90 for institutions, and $19 for students, with proportional increases for overseas subscriptions. Members' dues have not been raised since 1983. The amendments to the Constitution changing timing for petition candidates (see October 1986 Newsletter, page 2) were passed by three-quarters vote, as required, and sent to the Business Meeting, which also passed them.

The proposed amendments to the Bylaws concerning interest groups (see April 1986 Newsletter, page 5) were amended in point 4 to read "the Society may provide" rather than "the Society will provide." After extensive discussion of other points, the proposal, as amended, was passed and sent to the Business Meeting, which, however, did not pass it, but referred it back to committee for further consideration.

In addition, written reports from the Treasurer, Secretary, Editor of Isis, Program Coordinator, and the Committees on Education, on Honors and Prizes, on Meetings and Programs, on Publications, on Research and the Profession, and on Women were accepted. It is hoped that the proposed new prize for history of women in science can be awarded in 1987. A resolution on divestment of South African holdings was moved, seconded, briefly discussed, and, because of the need to vacate the meeting room promptly, tabled for later reconsideration. The Business Meeting the next day passed the following motion: "Resolved that the Executive Committee of the History of Science Society appoint an ad hoc committee to suggest to the Council in 1987 any constructive actions that HSS might take to hasten the end of apartheid in South Africa." In response to this motion a

YES, I want to help the History of Science Society meet Dr. Bern Dibner's challenge.

☐ I wish to become a Lifetime Sustaining Member of the society by donating $_________ ($1,000 minimum). I understand that this will free me from obligation to pay annual dues and ensure that I continue to receive Isis at no additional cost.

☐ I wish to become a Sustaining Member of the society by donating $_________ ($100 minimum).

☐ I wish to meet Dr. Dibner's challenge with a donation of $_________ to the society.

☐ Check enclosed, payable to the History of Science Society.

☐ Charge my credit card: _____VISA _____ MasterCharge

Account No. _______________ Expiration date _______________

Signature _______________ Date _______________ 

Please return to

HSS Membership Office, Dept. GB
215 South 34th Street
Philadelphia, PA 19104-6310

Name ____________________________________________________________

Address __________________________________________________________

City __________________________________ State ________ ZIP _________

Country _________________________________________________________

SPENCER WEART
Executive Secretary by sending a donation to the final stage of the Fund Drive.

Send your contributions to History of Science Society Membership Office, 215 South 34th Street, Philadelphia, PA 19104-6310. Use the coupon at the bottom of the page.

Council and Business Meetings
—A Summary

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1986 HSS Awards

At the 1986 HSS Annual Meeting in Pittsburgh, the following awards were made at the banquet on 25 October. The Sarton Medal went to Ernst Mayr of Harvard University; William Coleman read the presentation, which remarked on "his original contribution to our scholarly endeavor, his leadership among his students and his associates and, perhaps most important of all, his enthusiasm for his work and the inspiration that this has given all who have worked with him or received his ever-generous encouragement." The Pfizer Award went to I. Bernard Cohen for his book *Revolution in Science* (Belknap/Harvard, 1985), of which William Shea said: "The story is full of surprising twists and turns, and it is told by a man who combines great erudition with a genuine sense of historical perspective." The first Watson Davis Prize went to Daniel J. Boorstin for his book *The Discoverers* (Random House, 1983). Mary Louise Cleason commented that Boorstin "has presented the public with a book blending epic scope with fascinating detail." The Zeitlin–Ver Brugg Prize for 1986 was awarded to Mara Beller of Hebrew University in Jerusalem for her article "Matrix Theory before Schrödinger: Philosophy, Problems, Consequences" *Isis*, 1983, 74:469–491). Praising Beller's article for its meticulous scholarship, Timothy Lenoir added that Beller had "constructed an impressive reevaluation of the accepted view of the development of the new quantum mechanics of the 1920s." William E. Newman of Harvard University was the winner of the 1986 Schuman Prize for his paper "The Defense of Technology: Alchemical Debate in the Late Middle Ages." Shirley Roe noted that "the handling of the texts and their interpretation bears witness to a secure and sophisticated control of the many tools required by medieval intellectual history." The announcements of these prize competitions for 1987 appear elsewhere in the *Newsletter*. A fuller version of the citations will appear in the June issue of *Isis*.

Committee has been appointed consisting of Seymour Mauskopf (chair), Everett Mendelsohn, Muriel Blaissdell, and Phillip Sloan.

**THEMATIC MEETINGS PROPOSALS**

In 1986 the History of Science Society began a program to endorse or sponsor occasional or themed scholarly meetings. It has, for instance, helped to sponsor the symposium entitled *Newton's Principia 1687–1987* to be held at the University of Maryland, College Park, 23–25 April 1987 (see Meetings section for a call for applications for travel support to this meeting). The special committee reviewing applications for sponsorship or endorsement of such meetings hereby issues a second call for applications to this program.

To be endorsed or sponsored by the HSS a meeting must be held at a different time of year and in a different place from the HSS annual meeting. The meeting should address a thematic question in the history of science. *Endorsed* meetings will receive the approbation and encouragement of the Society and will have the right to use the name of the HSS in fund-raising and promotion. A limited number of sponsored meetings, to be chosen on a competitive basis, will be eligible for financial support. In evaluating proposals for endorsement or sponsorship, the selection committee will emphasize the following criteria: scholarly merit, regional needs, importance of subject, and diversity of audience. Applications for sponsorship may request funds for expenses only; honoraria and overhead will not be provided. The maximum award will be $3,000, although most awards will be smaller. For further information and guidelines for applying, contact Ronald L. Numbers, Department of the History of Medicine, University of Wisconsin, 1300 University Avenue, Madison, WI 53706; telephone (608) 262-3701. The selection committee also includes John Heilbronn and William Montgomery. The next deadline for applications will be 15 September 1987 for meetings to be held before 30 June 1990.

**HISTORY OF WOMEN IN SCIENCE PRIZE**

The HSS Committee on Women, part of the Committee on Research and the Profession, has now raised over $4,000 toward its Prize for the History of Women in Science. Council has approved offering the book prize (of $500) in 1987; submissions are invited by the Prize Committee elsewhere in this *Newsletter*. The Committee needs, however, to more than double this sum in order to endow the prize permanently. Those interested in contributing to the prize should write for information to Michele Aldrich, American Association for the Advancement of Science, 1333 H Street NW, Washington, DC 20005.

**UNAFFILIATED SCHOLARS PROGRAM**

The History of Science Society announces a special program designed to aid scholars trained in the history of science who are currently unemployed or unaffiliated with any institution making use of their training as historians of science, or whose affiliations are either part-time or short-term without prospects of continuation or renewal. Awards in amounts up to $1,000 will be made to facilitate research or travel to job interviews. Applicants must have received a Ph.D. in the history of science, technology, medicine, or a related field closely affiliated with the history of science. Membership in the History of Science Society is not a prerequisite, nor shall preference be given to applicants on the basis of age or previous academic or other affiliation. Applications may be submitted at any time to the Coordinator of Programs of the History of Science Society. Completed applications should include an up-to-date curriculum vitae, a brief description of the applicant's training and research in the history of science, the applicant's career expectations in general and short-term prospects in particular. Requests for funds to cover travel expenses to interviews should describe the position for which the applicant is to be interviewed, along with a brief statement about her or his qualifications and specific interests related to the position in question. Requests for funds to support research should indicate briefly the nature and significance of the research proposed. A tentative budget indicating amount requested and a full justification of each...
item requested should accompany the application. Awards will usually be announced within eight to ten weeks after receipt of completed applications. Inquiries or completed applications should be directed to Joseph W. Dauben, HSS Coordinator of Programs, Department of History, Herbert H. Lehman College, CUNY, Bedford Park Boulevard West, Bronx, NY 10468; telephone (212) 960-8289. The Unaffiliated Scholars Program of the History of Science Society has been made possible in part through a generous grant from the Rockefeller Foundation, supplemented with funds from the C. Doris Hellman Pepper Memorial Fund and the Culppeper Foundation, and by gifts from the membership of the History of Science Society. The continuing support of the City University of New York is also gratefully acknowledged.

REMINDER ON HSS PUBLICATIONS

Chairs of HSS committees and others are reminded that any printed matter bearing the name of the Society or that of an HSS Committee with reference to the Society or copyrighted in the Society's name must be presented to the Committee on Publications for prior consideration and approval. The current chair of the Publications Committee's subcommittee on Occasional Publications is David Hollinger, who should be consulted in case of doubt.

Related Societies & Programs

A group calling itself the Association Villard de Honnecourt for the Interdisciplinary Study of Medieval Technology, Science, and Art has begun publishing a newsletter called AVISTA Forum, meant to serve as a medium for exchange of ideas and information. For more information or membership in the Association Villard de Honnecourt, write Charles Stegeman, 2 College Circle, Haverford, PA 19041. The editor of AVISTA Forum is Pamela O. Long, 2610 Cathedral Avenue, NW, Washington, DC 20008.

At a conference held at the Smithsonian Institution 3–6 February 1986, J. I. Saldaña, President of the Sociedad Latinoamericana de Historia de las Ciencias y la Tecnología (SLHCT), gave a Report on Current Activities in the History of Science and Technology in Latin America. This report is printed in the July 1986 volume of the Boletín Informativo of the SLHCT.

The Department of History and Philosophy of Science at the University of Wollongong, Australia, has formally changed its name to the Department of Science and Technology Studies [STS]. The change of name has been made both because of a broadening in the focus of the department's work and because of the development in its constituent disciplines. The department now focuses on understanding science and technology in their social context, using the tools and models provided from a range of disciplines, including history, philosophy, political science, political economy, social theory, anthropology, linguistics, and theories of institutional behavior. For more information, contact Jim Falk, Head of Department, Science and Technology Studies, P.O. Box 1144, Wollongong, N.S.W. 2500, Australia.

The Virginia Polytechnic Institute Graduate Program in Science and Technology Studies (STS), which enrolled its first students in the fall of 1986, offers an interdisciplinary perspective on science and its social impact. The program is primarily supported by the Center for the Study of Science in Society and the Departments of History, Philosophy, and Sociology. Faculty members drawn from — but not limited to — these units offer opportunities for interdisciplinary studies in a wide range of areas of science and technology studies. Current areas of faculty research interest include scientific change, technological change, foundations of biology, key periods in the history of science, and twentieth-century science and technology. For information on both the M.S. and the Ph.D. programs, contact the Director, Science and Technology Studies, Price House, Virginia Tech, Blacksburg, VA 24061. Completed application and financial aid applications should be received by 1 February 1987 or as soon thereafter as possible. Opportunities for financial aid are enhanced by early application.

POSITIONS

Applications are now being solicited for the new position of Executive Secretary of the History of Science Society. The office of the Executive Secretary will incorporate the present duties of the Secretary and Program Coordinator, as well as certain additional tasks. Among the duties envisaged for this post are maintenance of the minutes of Executive Committee, Council, and Business meetings; keeping the general records of the Society; maintenance of membership lists; coordination of elections; and assistance to the standing committees. The office will also administer the Visiting Scholars Program and Associate Scholars Grants Program. The Executive Secretary will be a member of the Executive Committee of the History of Science Society. The Executive Secretary will be appointed for a five-year, renewable term. This is a half-time, compensated position; the Executive Secretary's office will also receive an additional budget to cover clerical support and other expenses. The Society will expect to establish a mutually satisfactory arrangement for support services with the successful applicant's institution.

The deadline for application is 1 April 1987. A prompt review of applications is expected, and the Executive Secretary should plan to begin work no later than 1 January 1988. Those interested in applying for this position may obtain further information from Edith Sylla, School of Humanities and Social Sciences, North Carolina State University, Box 8101, Raleigh, NC 27695-8101; telephone (919) 737-2467, to whom completed applications should be submitted.

The American Institute of Ultrasound in Medicine (AIUM) and the World Federation for Ultrasound in Medicine and Biology (WFUMB) are in the process of preparing a history of medical diagnostic ultrasound. An extensive archives file has been collected along with preliminary information required to prepare a formal history of the field. We are seeking an individual who has expertise in medical history to review and "archive" the historical material in the AIUM central office in Washington, D.C. When organization of the source material has been completed, the medical historian will work with
of experimental and theoretical physics introduced in the course of the century, and on fundamental changes in our world picture. A thorough understanding of present-day physics is essential. Applicants must possess a Ph.D. in a relevant discipline. Appointments will be jointly held in the Program in the History and Philosophy of Science and Technology and an appropriate academic department. Applicants should send letters of inquiry as soon as possible to Search Committee for Historian of 20th Century Physics, c/o Mrs. Patricia Dean at the address given above. AA/EOE.

The National Air and Space Museum seeks candidates for two appointments: the chairmanship of the Department of Aeronautics and the chairmanship of the Department of Space Science and Engineering. The incumbents will be responsible for the overall guidance of research staff as well as the management of operations of their respective departments. The chairs will be responsible for actively encouraging, and safeguarding time for, the research of their staff; for upholding professional standards through performance evaluation and peer review; and for managing the collection, exhibits, and public service functions of their respective departments. Candidates should possess a record of scholarly attainment and intellectual leadership in a historical discipline; have demonstrated administrative capabilities at a department or division level; and be interested in the problems and opportunities of a museum or similar organization and able to establish linkages of both scholarly research and popular writing to the exhibits, collecting, and public service activities of the departments. Candidates in the fields of history of science and technology, social or cultural history, military history, political history, economic or business history, or other related historical disciplines are encouraged to apply. Salaries for both positions are GM-13 ($38,727—$50,346), GM-14 ($45,763—$59,488), or GM-15 ($53,830—$69,976), depending upon qualifications. These positions are covered by the Performance Management and Recognition System (PMRS). Since these are Federal Civil Service positions, the persons selected will be required to be certified by the U.S. Office of Personnel Management. Send Federal Standard Form 171 (available from any Federal personnel office or at the address below), a curriculum vitae with list of publications, the names of three to five scholars in the field who can provide references, and a cover letter by 15 February to Announcement #86-661-F for the position in aeronautics, or Announcement #86-662-F for that in space science, Smithsonian Institution, Office of Personnel Administration, Attention Denise Wolf, 900 Jefferson Drive, SW, Room 1423, Washington, DC 20560. Candidates who would like further information about either position's duties and responsibilities should call Paul Hanle, National Air and Space Museum, (202) 357-2493. AA/EOE.

Portland State University plans to hire an assistant professor in history and philosophy of science for a fixed-term (maximum three-year) appointment, potentially convertible to tenure-track, effective September 1987. Applicants must have a Ph.D. in history or philosophy of science, preferably with emphasis on the seventeenth century to the present. The salary is competitive. Please submit applications by 31 March 1987 to Dr. Michael Reardon, Associate Vice President for Academic Affairs and Director, University Honors Program, Office of Academic Affairs, Portland State University, P.O. Box 751, Portland, OR 97207. AA/EOE.

The Rockefeller Archive Center of the Rockefeller University seeks an experienced archivist to solicit and collect, appraise, accession, and process records and manuscripts. The primary responsibility will be to oversee the continuing growth of the archives of the Rockefeller University, which include scientific, medical, and administrative collections. Other duties will include coordination with the Center’s office at the University Library (Manhattan), responding to research inquiries, and sharing the responsibilities of the archival staff at the Center. The salary is competitive and commensurate with experience. A master's degree in archival management and experience in archival work is required; training in the history of science or history of medicine and experience in a university archive is preferred. The Archive Center also seeks a trained archivist to process the records of the Commonwealth Fund. The Commonwealth Fund, established in 1918, made grants in the general area of health. The position is for two years at a salary of $21,500 with benefits. Candidates should have a master's degree in archival management; archival experience is desirable. Applications for either position should...
be received by 1 March 1987. Apply to Director, Rockefeller Archive Center, Pocantico Hills, North Tarrytown, NY 10591-1598. EOE.

The Institute for the History and Philosophy of Science and Technology at the University of Toronto invites applications for an appointment in history of technology beginning 1 July 1987. Salary and level of appointment depend upon the applicant's qualifications and upon availability of funding. Ph.D., teaching experience, publications, and promise of future contributions to scholarship are required. Teaching responsibilities will include one or two graduate seminars and one or two large undergraduate lectures with teaching assistance, in each of two terms. Please send curriculum vitae and names of at least two references by 1 February 1987 to Bruce Sinclair, IHPST, Victoria College, 73 Queen's Park Crescent East, University of Toronto, Toronto M5S 1K7, Canada. In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.

The Department of the History of Science at the University of Wisconsin-Madison announces a possible tenure-track appointment, beginning August 1987, at the level of assistant professor unless rank and experience require appointment at a higher level. Area of specialization is since 1700; fields are open, but must complement existing faculty. Preference is for history of chemistry; the department is also interested in history of technology or of the earth sciences. Applicants with completed Ph.D. are strongly preferred. The successful candidate will be expected to develop a significant program of teaching and research. Inquiries and applications should be directed to David C. Lindberg, Chairman, Department of the History of Science, 4143 Helen White Hall, University of Wisconsin, Madison, WI 53706; telephone (608) 262-1406/3971. Apply as soon as possible, but no later than 1 February 1987. AA/EOE.

FELLOWSHIPS & GRANTS

The American Historical Association announces the competition for its 1987-88 Fellowship in Aerospace History supported by the National Aeronautics and Space Administration. The AHA will annually fund at least one fellow, for a period of six months to one year, to undertake a proposed research project related to aerospace history. Applicants must be U.S. citizens and possess a doctoral degree in history or in a closely related field or be enrolled as a student "having completed all course work" in a doctoral degree-granting program. The fellow will be expected to devote the term of the fellowship entirely to the proposed research project. The fellow will have the opportunity to use the documentary resources of NASA and may also spend the fellowship in residence at the NASA headquarters or one of the NASA centers. The maximum fellowship stipend is $25,000 with an allowance of up to $1,000 for relocation and travel expenses. Graduate students are eligible for a maximum of up to $12,000. For more information and application forms, contact Fellowship in Aerospace History, American Historical Association, 400 A Street SE, Washington, DC 20003. The deadline for application is 1 February 1987.

The American Philosophical Society Library announces the Andrew W. Mellon Foundation Fellowship in Bibliography. The fellow's primary responsibility will be to conduct a bibliographic study, to be published by the library, of some part of the library's manuscript or imprint collections. The library's collections are particularly strong in the history of North American science and technology and their European roots. The fellowship runs for eleven months and carries a stipend of up to $25,000. Benefits and travel funds are also provided. The application deadline is 1 April 1987. For more information contact Edward C. Carter II, Librarian, American Philosophical Society Library, 105 South Fifth Street, Philadelphia, PA 19106.

The Institute of the History of Medicine of the Johns Hopkins University offers postdoctoral fellowships for research in the history of twentieth-century medicine. The stipend ranges from $24,000 to $30,000 depending upon experience and accomplishment. Fellows are expected to participate in the activities of the institute. The deadline for application is 15 April 1987. Fellowships may begin any time after 1 July 1987. Send research
received the Ph.D. within the last three years. Appointees are expected to conduct research as well as teach at least one course per year, cross-listed as history and philosophy. Suggested areas of research include (but are not confined to) work of an individual scientist or group of scientists; complex historical and philosophical problems raised by relation of technology to science; and history and methodology of particular scientific discovery or theory. Salary is competitive. Send letter of application, dossier, recommendations, and statement of research plans to Alan Donagian, 101-40, Caltech, Pasadena, CA 91125. The deadline is 15 January 1987. AA/EOE. Women and minorities are encouraged to apply.

The UCLA Biomedical Library, seeks qualified applicants for the Head of the History and Special Collections Division. The head administers all division operations, supervising 1.25 FTE divisional staff; evaluates and selects historical source works in health and life sciences, new serials, and current imprints; provides in-depth historical reference service; lectures on the use of source works and reference materials; and prepares historical exhibits. A degree from an accredited library school is normally required, but other appropriate degrees or equivalent experience may be substituted. Prior experience in rare book librarianship and familiarity with the history of medicine or science are highly desirable. Effective oral and written communications skills and the ability to work with faculty, donors, students, and members of the library staff are essential. Salary range is $24,012–$49,656, based on qualifications and years of experience, with excellent fringe benefits. A personal interview is required. Applications received by 5 January 1987 will be given first consideration. Send resume and list of references to Alison Bunting, Biomedical Librarian, UCLA Biomedical Library, CHS, Los Angeles, CA 90024. AA/EOE.

The Program in History of Science at Stanford University invites applications for a postdoctoral position in the history of modern physics. Primarily a research position, the postdoc will work in part with Peter Galison on the history of high-energy physics, and in part on his or her own research. Applicants should send a curriculum vitae, an article or dissertation chapter, and the names of three referees as soon as possible to Peter Galison, Program in the History of Science, Building 200, Room 33, Stanford, CA 94305.

The Library Company of Philadelphia and the Historical Society of Pennsylvania announce the establishment of a new program of summer fellowships for 1987. These two libraries, adjacent to each other in Center City Philadelphia, have complementary comprehensive collections capable of supporting research in a variety of fields and disciplines relating to the history of North America, principally in the eighteenth and nineteenth centuries, and including agriculture, natural history, education, technology, and many other fields. Fellowships are tenable for one or two months from June to September and carry stipends of $1,000 per month. The application deadline is 1 February 1987. For more information, contact James Green, Curator, Library Company of Philadelphia, 1314 Locust Street, Philadelphia, PA 19107; telephone (215) 546-3181.

The Smithsonia Institution offers Guggenheim Fellowships located at the National Air and Space Museum. Both pre-and postdoctoral fellowships are offered for periods of six to twelve months. Applicants will be selected for the importance of their proposed work—with the provisos that it can be studied successfully in Smithsonian facilities and that a Smithsonian staff member is available for collaboration and assistance. Applications postmarked after 15 January cannot be accepted. For more information contact Office of Fellowships and Grants, L'Enfant Plaza S.W., Washington, DC 20560, or telephone Toni Thomas at (202) 357-2491.

The Rockefeller Foundation announces a program of fellowships for writers and scholars in the humanities whose research furthers understanding of contemporary social and cultural issues. For 1987–1988, individuals can apply for fellowships at eighteen host institutions. In addition, six institutions will be chosen as residency sites. Institutional applications are particularly encouraged from programs concerned with the humanities in an international context or related to the diverse cultural heritage of the United States. The application deadlines for individuals vary, but most are in January (e.g., 15 January for the Francis C. Wood Institute for the History of Medicine and for the Dartmouth Institute for the Study of Applied and Professional Ethics). The application deadline for institutions is 30 January 1987. Application packet and detailed instructions should be requested immediately from Fellowships in the Humanities, The Rockefeller Foundation, Arts and Humanities Division, 1133 Avenue of the Americas, New York, NY 10036; telephone (212) 869-8500.

JANUARY DEADLINES

Christ Church College, Oxford, proposes to elect a Fowler Hamilton Visiting Fellow in the Humanities and Social Sciences from the United States of America for up to one year in the period September 1987 to August 1988. The fellowship is intended to enable a distinguished scholar to pursue his or her own study and research as a member of the college. The fellow will be entitled to free accommodation, a study in the college, and free dinners. Return fares from the U.S. will be paid for the fellow and his or her family. Further details should be obtained from The Dean's Secretary, Christ Church, Oxford OX1 1DP (telephone 0865 242893), and applications received not later than 20 January 1987.

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CALLS FOR PAPERS

The Columbia History of Science Group will hold its fifth annual conference 1-3 May 1987. The meetings will be held, as is traditional, at the Friday Harbor Laboratories of the University of Washington, in Friday Harbor, on San Juan Island, Washington State. The style of the Columbia annual meeting leans toward the relaxed and informal, with time set aside for conversation and exploration of San Juan Island. Those with suggestions for the program, or papers to contribute, should contact James Evans, Department of Physics, University of Puget Sound, Tacoma, WA 98416; telephone (206) 756-3813. Those with enquiries about accommodations and reservations should contact Keith Benson, Department of Biomedical History, SB-20, University of Washington, Seattle, WA 98195; telephone (206) 545-2651.

The twenty-third annual meeting of the Joint Atlantic Seminar in the History of Biology will be held at Harvard University on Friday afternoon and all day Saturday 3-4 April 1987. The meeting will include a symposium celebrating the twentieth anniversary of the Journal of the History of Biology. Those wishing to present papers should send a title and brief description by 15 February 1987 to Everett Mendelsohn, Department of the History of Science, Harvard University, Science Center 235, Cambridge, MA 02138.

The Society for Social Studies of Science (SSS) will hold its 1987 annual meeting in Worcester, Massachusetts, 19-22 November 1987. The host institutions for the meeting will be Worcester Polytechnic Institute and the Environment, Technology, and Society Program at Clark University. John Wilkes (Department of Social Science and Policy Studies, Worcester Polytechnic Institute) will chair the Local Arrangements Committee. The Program Committee will be cochaired by Sai Restivo (coordinator), Leigh Star, John Wilkes, and Susan Cozzens. The Program Committee welcomes proposals for papers, sessions, or roundtables from scholars interested in the social, human, and policy dimensions of science and technology. Three copies of proposals for papers (in the form of an extended abstract of approximately 900 words or the paper itself) or for sessions (in the form of a letter, with paper proposals to come from expected partici-

HSS MEETINGS

1987 ANNUAL MEETING

JOINT WITH SHOT

The History of Science Society will hold its 1987 annual meeting in Raleigh, North Carolina, 29 October to 1 November 1987. This will be a joint meeting with the Society for the History of Technology. The year 1987 marks the 100th anniversary of the Michelson-Morley experiment, the 200th anniversary of the publication of the Méthode de nomenclature chimique by Lavoisier and his collaborators, and the 300th anniversary of the publication of Newton's Principia.

Those wishing to organize or participate in thematic sessions are invited to submit proposals by 1 March 1987 and are strongly encouraged to make preliminary contact as soon as possible. These sessions will be two or three hours in length, with individual papers scheduled for a maximum of thirty minutes. Proposals for fifteen-minute work-in-progress papers are also welcome and should be submitted (with a brief vita) no later than 15 April 1987. Inquiries and proposals should be addressed to the History of Science program cochairs, Michael M. Sokal, Department of Humanities, Worcester Polytechnic Institute, Worcester, MA 01609; telephone (617) 793-5363; or John Servos, Department of History, Amherst College, Amherst, MA 01002; telephone (413) 542-2229. The cochairs seek a diverse and well-balanced program and are especially eager to receive proposals that will appeal to both historians of science and historians of technology.

The Radisson Plaza Hotel in downtown Raleigh will be the headquarters for the joint meeting, with sessions scheduled both in the hotel and across the plaza in the Raleigh Civic Center. Local arrangements cochairs are Edith Sylla, Office of the Dean, School of Humanities and Social Sciences, Box 8101, North Carolina State University, Raleigh, NC 27695; telephone (919) 737-2467; and Seymour Mauskopf, Department of History, Duke University, 6727 College Station, Durham, NC 27708; telephone (919) 684-3014.

A preliminary schedule of the 1987 program and details on transportation and hotel accommodations will appear in the July Newsletter.

JOINT 1988 MEETING

WITH BSHS

At the annual meeting in Pittsburgh the Council of the History of Science Society approved plans for a special joint meeting with the British Society for the History of Science (BSHS), scheduled for 11-15 July 1988 in Manchester, England. The regular 1988 meeting will be held in late December in either Cincinnati or St. Louis, whichever location is selected by the American Historical Association. The program, mixing BSHS and HSS customs, will feature sessions in the morning devoted to preselected topics of current interest to historians of science, technology, and medicine, traditional thematic and work-in-progress sessions will be scheduled for the afternoons. Evenings will be reserved for receptions and invited lectures by prominent scholars. Visits to historical and cultural places of interest are also being planned.

The content and form of the preplanned sessions (e.g., discussion of precirculated papers or of recently published books of major importance) will be left to the discretion of the respective organizers. Since even sessions having precirculated papers will be able to accommodate only a limited number of participants, some applicants may be asked to present their work in the afternoon sessions. Papers presented at the preplanned sessions should emphasize review and speculation more than the detailed reporting of research. A focus on Anglo-American relations is desirable though not necessary. Members interested in participating in one of these sessions should submit a proposal directly to the respective session organizer by 10 March 1987.

Reappraisals of the Scientific Revolution

Jan Golinski, Churchill College, Cambridge CB3 ODS, U.K. The social context of the Scientific Revolution (may include discussion of a forthcoming book having the same title).

The Industrial Revolution

Judith

History of Science Society Newsletter
A symposium celebrating the tricentennial of Emanuel Swedenborg will be held 7–9 February 1988 in Bryn Athyn, Pennsylvania. The symposium will examine Swedenborg’s thought in relationship to such fields of inquiry as theoretical science, applied science, medicine, theology, philosophy, social science, the arts, history, psychology, and literature. Original contributions tracing Swedenborg’s influence in any of these areas are invited for oral presentation at the symposium. Deadline for abstracts is 1 May 1987. For further information and registration forms, contact Jane Kintner Williams-Hogan, The Academy of the New Church College, P.O. Box 278, Bryn Athyn, Pennsylvania 19009; telephone (215) 947-4200, ext. 301.

**Autograph manuscript of Albert Einstein, “Einheitliche Feldtheorie und Hamilton’sches Prinzip.” Courtesy of Sotheby’s.**

### HSS MEETINGS


**Science, Education, and Practice around 1900** Christopher Lawrence, Wellcome Institute, 183 Euston Road, London N.W. 1, U.K. To include engineering, medicine, and agriculture.


**The History and Historiography of Big Science** David Edgerton, Department of History and Science and Technology, UMIST, P.O. Box 88, Manchester M60 1QD, U.K. Based on the ongoing studies of the Lawrence Laboratories, CERN, etc.

**Anglo-American Medicine** John V. Pickstone, Department of Science and Technology Policy, University of Manchester, Manchester, M13 9PL, England, U.K. The organization of modern medicine in the U.S. and U.K., based on recent and ongoing studies of institutions, especially hospitals.

**Sociological Approaches to the History of Recent Science and Technology** Trevor Pinch, Department of Sociology, University of York, Heslington, York Y01 5DD, U.K. Papers may concentrate on competition and closure in science and technology.

**The Migration of Science, Technology, and Medicine** John Harley Warner, Section of the History of Medicine, School of Medicine, Yale University, 333 Cedar Street, New Haven, CT 06510, U.S.A.

Proposals especially welcome on the movement of people between periphery and center, the cross-cultural dissemination of knowledge, and the transmission of national models.

**Science and Secularization** John H. Brooke, Department of History, University of Lancaster, Lancaster LA1 4YG, England, U.K. Open to papers on science and religion in any period; need not be committed to a model of secularization.

**The Popularization of Science** James Secord, Department of Humanities, Imperial College, London SW7 2AZ, England, U.K. Any period.

**Science and Gender** Evelyn Fox Keller, Society for the Humanities, Cornell University, Andrew D. White House, 27 East Avenue, Ithaca, NY 14853, U.S.A. Focus on new questions that emerge from a gender analysis for (a) historians and philosophers of science and (b) working scientists.

**Explorations and Images** Ludmilla Jordanova, Department of History, University of Essex, Wivenhoe Park, Colchester, Essex, U.K. Images of science, technology, and medicine, particularly representations of “new realms” from any period.

Proposals for afternoon thematic sessions (1.5 hours per session)—including abstracts and curricula vitae—should be sent by 10 March 1987, either to John V. Pickstone, Department of Science and Technology Policy, University of Manchester, Manchester, M13 9PL, England, U.K., or to Ronald L. Numbers, Department of the History of Medicine, University of Wisconsin, 1300 University Avenue, Madison, WI 53706. Proposals for work-in-progress papers and poster sessions should be submitted by 1 June 1987.

Papers on any topic in the history of science, technology, and medicine are invited; those dealing with Anglo-American developments are especially welcome. Groups wishing display space should contact John Pickstone.

Participants in the preplanned and thematic sessions will be notified by 10 May 1987; persons giving work-in-progress papers and organizing poster sessions will be notified by 1 August 1987. A preliminary program and reservation forms will be mailed by 1 November 1987. Precirculated papers will be due no later than 10 April 1988, which will be the registration deadline for persons wishing to obtain papers in advance of the meeting. Publication of most papers is expected. The HSS Committee on Meetings and Programs is seeking funds to help defray the expenses of young and unaffiliated scholars participating in the meetings. An announcement will follow. Child-care facilities will be available in Manchester.
SUMMER INSTITUTES & SEMINARS

As one of a series of special programs celebrating its Centennial Year, the Marine Biological Laboratory at Woods Hole announces a summer course on *History of Biology: Heredity and Development* to be held 2–15 August 1987. The course will address major themes of the history of modern biology, concentrating on the nineteenth and twentieth centuries and on heredity and development. It will involve lectures, discussion, workshops, historical laboratories, and field trips. Participants should plan to devote full time during the two weeks to course work or related research. The course directors will be Garland Allen, Washington University; Bernardino Fantini, Naples Zoological Station and University of Rome; and Jane Maienschein, Arizona State University. Registration fee will be $200 plus room and board. For more information contact Office of Sponsored Programs, Marine Biological Laboratory, Woods Hole, MA 02556; telephone (617) 548-3705, extension 216. Deadline for applications is 15 April 1987.

The National Endowment for the Humanities has announced that fifty-one seminars for teachers at undergraduate and two-year colleges will be offered during the summer of 1987 at thirty-two different institutions across the United States plus one in Italy. These seminars provide opportunities for teachers to work with a distinguished scholar and colleagues in an area of mutual interest and to pursue individual study and research. Participants in eight-week seminars receive a stipend of $3,500. For the brochure describing seminar contents, write Division of Fellowships and Seminars, Room 316, National Endowment for the Humanities, Washington, DC 20506. Detailed descriptions of two seminars particularly relevant to members of the History of Science Society follow.

George Saliba will offer a seminar on *Islam and the Scientific Tradition* at Columbia University from 15 June to 7 August 1987. Islamic civilization, through the translations of the Greek scientific sources into Arabic and the later translations of these same sources from Arabic into Latin during the Middle Ages, became the main repository of the classical heritage and thus played a crucial intermediary role between the Hellenistic civilization and that of medieval Europe. Although it is true that the study of Islamic science is essential to a better understanding of developments in medieval European science, it is not good historical reasoning to assume that Islamic civilization transmitted the sources of classical science for the benefit of medieval Europe and not for its own cultural purposes. The goal of this seminar will be to understand the role of science in Islamic civilization and the background against which science was allowed to develop in that culture. The emphasis will be on the interaction between religion and science, as well as on the intercultural transmission of science. The seminar will investigate the kind of Greek science that was passed on in Arabic; what happened to the scientific texts once they became part of the intellectual tradition of Islam; what kind of reaction Islam, as a religion, had to the alien ideas contained in the Greek scientific texts; and, finally, what kind of Arabic science medieval Europe came to know. The seminar is designed for teachers of medieval science and technology, Islamic civilization, and Western civilization. The application deadline is 2 March 1987. For more information and application forms write George Saliba, Summer Session, Columbia University, New York, NY 10027.

Arthur I. Fine will offer a seminar on *The Legacy of Realism: New Approaches to Understanding Science* at Northwestern University 22 June to 14 August 1987. Metaphysical and epistemological aspects of some new approaches to understanding science will be the focus of this seminar, which will explore questions of philosophical method that such study raises. Each approach to be studied (internal realism, quasi realism, constructive empiricism, and some sociological approaches) represents an interpretive stance toward science that differs from the interpretive program of classical realism. In particular, these approaches shift the traditional emphasis on the scientific role of the external world by focusing instead on aspects of the human and social char-
character of science. These nonrealist programs see science as a network of human institutions and practices, and they try to understand ongoing scientific activity by asking such questions as, What sense can be made of scientific practices? What factors constrain the shape of the activity? What factors contribute to the formation of scientific consensus? Participants in this seminar will consider such topics as evidence, justification, rationality, objectivity, and truth. They will also examine the conceptions of interpretation at work here and how to discriminate between and evaluate such interpretive schools. The seminar is designed for teachers of philosophy but is also open to others concerned with systems of interpretation. The deadline for application is 2 March 1987. For more information and application instructions, write Arthur I. Fine, Department of Philosophy, Northwestern University, Evanston, Illinois 60201.

Dissertations

Harvard University


Johns Hopkins University

Indiana University

MEETINGS

The annual meeting of the American Association for the Advancement of Science will feature a symposium on "Ethical Norms in Science: Challenges and Opportunities." This session will report on studies examining ethical issues in the graduate education of science and engineering students, in research, and in publication. Representatives from Sigma Xi and the AAAS Committee on Scientific Freedom and Responsibility will describe new initiatives under consideration by these organizations. The symposium will begin at 2:30 p.m. on 17 February 1987 in Columbus Hall, the Hyatt Regency, Chicago. For more information contact Rachelle D. Holland, Ethics and Values Studies, National Science Foundation, Washington, DC 20550; telephone (202) 357-9894. Other history and philosophy of science symposia at the AAAS meeting will concern "Science and Religion: A Revival of Old Tensions," "Science, Humanities, and the Arts: One Culture," and "Converging Cultures: Science and the Arts."

The Francis Bacon Library of Claremont, California, announces that the 1987 Bacon Birthday Celebration will be held 22 January 1987. Peter Urbach [London School of Economics] will speak at 4:00 p.m. in the Albrecht Auditorium, Graduate Business Building, Claremont Colleges, on "Bacon's Modern Philosophy of Science." After the talk a reception to toast the 425th anniversary of Bacon's birth will be held at the Francis Bacon Library, with a display of rare books and manuscripts. For more information call (714) 624-6305.

Presentations for 1987 in the Boston Colloquium for the Philosophy of Science include "Natural Selection: A Symposium," including "Historical Introduction" by Hyman Hartman [M.I.T.], "Philo logical Perspectives" discussed by Elliott Sober [University of Wisconsin] and Robert Brandon [Duke University], and "Biological Perspectives" discussed by Ernst Mayr and Richard Lewontin [both of Harvard University], to be held 3 February, "Why Probability Theory Needed Determinism: Pascal, Bernoulli, and Laplace," by Lorraine Daston [Brandeis University], 10 February; "The Psychology of Visual Perception in the Optics of Ptolemy," by A. Mark Smith [University of Missouri], 17 February; "The Beauty of Fractals: Historical and Philosophical Perspectives," by Benoît Mandelbrot [IBM and Harvard], 3 March; "After the Revolution: Historical Arguments in French Mathematics 1815–1840," by Joan Richards [Brown University], 31 March; a symposium on "Maimonides and the Sciences," including "Maimonides on Language and the Interpretation of Language," by Joseph Stern [University of Chicago], "Astronomical and Astronomical Themes in Maimonides," by Bernard Goldstein [University of Pittsburgh], "Aspects of Maimonidean Epistemology: Science and Halakha," by Isadore Twersky [Harvard University], "Defining Maimonides' Aristotelianism," by Alexander Altmann [Brandeis University], "Deus sive Natura: Genesis and Metamorphosis of a Dictum from Maimonides Through Kabbalah to Spinoza," by Moshe Idel [Hebrew University of Jerusalem], on 7 April; "Historical Sociology of Knowledge: Koyré and Cassirer," by Yehuda Elkana [Tel Aviv University], with commentary on Alexandre Koyré by Sylvan S. Schweber [Brandeis University], 21 April, and commentary with respect to Ernst Cassirer by Robert Cohen, 23 April; "Newton's Principia: A Tercentenary Symposium," including "On Metaphysics and Method in Newton," by Howard Stein [University of Chicago], and "Newton's Revealed and Natural Theology in Relation to the Principia," by Richard Popkin [UCLA and Washington University, St. Louis], 28 April. For meeting times and places and any other information contact Robert S. Cohen or Katherine Platt, Center for the Philosophy and History of Science, Boston University, Boston, MA 02215; telephone (617) 353-2604.

Arizona State University is hosting a conference on The Computer and the Brain: Exploring Past and Present Theories of Intelligence. This conference, to take place 12–15 April 1987, will focus on views of the brain and artificial intelligence before and after John von Neumann. For more information contact Jean R. Brink, Arizona Center for Medieval and Renaissance Studies, Arizona State University, Tempe, AZ 85287; telephone (602) 965-5900.

The Society for the Humanities and the Program in the History and Philosophy of Science at Cornell University will host a conference, "Analyzing the Inchoate: Complex Interrelations in the Humanities

The fourth annual Visiting Scholar Conference, sponsored by the Center for Archaeological Investigations and the Division of Continuing Education, Southern Illinois University at Carbondale, will be held 1-2 May 1987 on the subject Explaining Archaeology’s Past: The Method and Theory of the History of Archaeology. The conference will bring together historians of archaeology to examine how accounts of archaeology’s past are produced and how these accounts function in the discipline and in society as a whole. For more information or to propose a paper, contact Andrew L. Christiansen, Center for Archaeological Investigations, Southern Illinois University at Carbondale, Carbondale, IL 62901; telephone (618) 536-5529.

The University of Oxford Department for External Studies and the Science Policy Support Group are organizing an International Colloquium on Science in Public, funded by the Economic and Social Research Council [ESRC], to be held in Oxford during 11-18 July 1987. The colloquium, being convened under the auspices of the annual Oxford Science Studies Summer Seminar, will bring together a distinguished group of researchers in the field of the public understanding of science. Topics covered will include informal learning about science, science in the media, the dynamics of public scientific controversies, and public perceptions of science and technology. For further details (program, costs, etc.), contact Dr. John Durant, Department for External Studies, University of Oxford, Rewley House, 1 Wellington Square, Oxford OXI 2AJ; telephone (0865) 270360. Further details of the ESRC-funded research program on the public understanding of science may be obtained from the Science Policy Support Group, 114 Cromwell Road, London SW7 4ES; telephone (01) 373 7171.

The twelfth International Conference on the History of Cartography will be held at the Ecole nationale des Ponts et Chaussées in Paris 7-11 September 1987. For further information, contact Monique Pelletier, Bibliotheque nationale, Cartes et Plans, 58 rue de Richelieu, 75008 Paris CEDEX 02, France.

The eighth International Congress of Logic, Methodology, and Philosophy of Science will be held in Moscow 17-22 August 1987. The chair of the Program Committee is J. E. Fenstad of Norway; the chair of the Moscow Organizing Committee is I. T. Frolov, Volkhonka 14, Moscow 119842, USSR. Abstracts of contributed talks should be mailed to this address before 1 March 1987. [Note that this is four months later than the deadline previously given by the organizers.] The abstract should not be more than four single-spaced pages in length and should be written in one of the official Congress languages (English, French, German, Russian, Spanish), but preferably in English. It is planned that all abstracts of the contributed and invited addresses will be published and available at the Congress. There are several other format requirements for abstracts which space does not permit including here. For more information about this, as well as detailed information concerning registration and accommodations, write to the Organizing Committee at the address given above.

The fee for the Congress is $100 if paid before 1 February 1987, $120 if paid later but before 1 June 1987, and $150 if paid later than 1 June. The registration fee should be paid by direct bank transfer, not by check or money order. Since banks charge approximately $25 for this service, it is recommended that several registrants join together to pay with a single transfer. You should have your local bank make a bank transfer to the Chase Manhattan bank account 001-1-907375, giving as reference data the organizing committee and its Moscow bank information, namely Account Number 70102515, Vneshtorgbank, Moscow, Kopievsky per. 3/5, Moscow 103009, USSR. Travel to the meeting should be arranged by booking an In­ ternet Tour through a cooperating travel agency. It is hoped that travel grants will be available to subsidize, at least in part, the travel of some of those who are presenting contributed papers. To apply, send an application form (available from the U.S. National Committee or in the PSA Newsletter), a copy of the paper to be given, and a brief curriculum vitae to Alexandra Wigod—USNC/IUHPS, National Academy of Sciences—JH 853, 2101 Constitution Avenue N.W., Washington, DC 20418. Deadline is 16 January 1987.

Lectures in 1987 to the New York Academy of Science Section of History and Philosophy of Science include “Before Copernicus: Views on Planetary Motion in Early Medieval Europe,” by Bruce Eastwood (University of Kentucky and Institute for Advanced Study), 25 February; “Mathematics, Science, and Technology: The Development of the Pendulum in the Seventeenth Century,” by William Andrews (Time Museum, Rockford, III.), George Kenney III (Salomon Brothers), and Bruce Chandler (College of Staten Island, CUNY), 25 March; “Isaac Newton and the Scientific Revolution,” by Richard S. Westfall (Indiana University), 22 April, and “The Darwin-Wallace Tradition in Biogeography and the Continental Drift Controversy,” by Martin Fichman (Glen­ don College, York University, Toronto), 27 May. All meetings are scheduled at 8:00 p.m.

A symposium celebrating the tercentenary of the publication of Newton’s Principia will be held at the University of Maryland, College Park, and the Smithso­ nian Institution, Washington, D.C., 23-25 April 1987 [see October 1986 Newsletter, pp. 11-12]. The History of Science Society has endorsed the symposium and has provided additional funds to enable a few graduate students and unemployed or underemployed scholars to attend. Grants of $200 each and a registration waiver will be awarded on a competitive basis. Persons residing within
A 200-mile radius of College Park, Maryland, are ineligible. Applications should include a one-paragraph statement of why the applicant qualifies for a grant, along with a curriculum vitae or, in the case of graduate students, a brief statement from the major professor indicating why the student would benefit from attending the symposium. The deadline for receipt of applications is 1 March 1987. Apply to Adele Seff, Center for Renaissance and Baroque Studies, Francis Scott Key Hall, University of Maryland, College Park, MD 20742.

The Department of Classical Studies of the University of Minnesota is pleased to announce a national conference on 14–16 May 1987 on the topic Oedipus at the Crossroads: Classical Tradition and the Humanities. The purpose of the conference is to provide an opportunity for reflection on the history, status, and future of classical studies in American education and culture. Among the questions to be addressed is whether American society has outgrown the ancient in its thinking, especially with respect to the impact of technology and cultural pluralism. For more information contact Al Jacobson, Department of Classical Studies, telephone (612) 625-7345, or Leslie Denny, Department of Professional Development and Conference Services, 218 Nolte Center, University of Minnesota, Minneapolis, MN 55455; telephone (612) 625-0727.

An international conference on The Philosophy of Science and Science Policy will be held in New Delhi 8–12 January 1988. Topics for discussion include changing concepts in philosophy (ancient perspectives, unitary conceptions, and the like); philosophy of physics; philosophy of biology (origin of life, evolution, basic unitary postulates); physics and metaphysics; methodology and limitations of science; science and social responsibility; scientific cooperation among nations; risk assessment and science policy; policy trends in the future; science and spirituality; and implications of modern technological advances for the future of man: nuclear threat and survival of humanity, genetic engineering and the future of man, space applications, environmental education and sustainable development, communication and computerization, energy and equity, cosmology and astrophysics. The working language will be English. Those interested should contact A. Nitaygopal, President, Centre for Philosophy of Science, 10-3-161, East Nehrunagar, Secunderabad 500 026, India.

The sixth annual luncheon of the Planning History Group will be held on 4 April 1987 at noon in the Wyndham Franklin Plaza Hotel in Philadelphia in conjunction with the meeting of the Organization of American Historians. Theodore Hershberg, University of Pennsylvania, will present a paper entitled "Planning for a Region: The Political Problems." Tickets should be purchased through preregistration for the OAH meeting or at the OAH registration. For more information contact Blaine A. Brownell, College of Social and Behavioral Sciences, University of Alabama at Birmingham, Birmingham, AL 35294; telephone (205) 934-5643; or Mark H. Rose, The Program in Science, Technology, and Society, Michigan Technological University, Houghton, MI 49931; telephone (906) 487-2115.

A conference on Religion and Magic, Science and Magic: The Distinctions as Cultural Indicators will be held 9–12 August 1987, sponsored by the Program in Judaic Studies at Brown University, Providence, Rhode Island. This research conference proposes to mark the conclusion of one line of research, specifically, on magic as a cultural indicator in religion, and to open another, between magic and science or learning. How has the distinction between religion and magic defined issues for us as we turn toward the as yet less amply analyzed distinction between science and magic? How does science become an issue in the analysis of magic as a cultural indicator? In what ways do we note potential parallels, areas of comparison and contrast, between the distinction between religion and magic and the distinction between science and magic? For more information, contact Ernest S. Frerichs, Director, c/o Paul Flesher, Conference Director, Program in Judaic Studies, Brown University, Providence, Rhode Island 02912.

The Renaissance Society of America will hold its annual meeting 12–14 March 1987 at Arizona State University, Tempe, AZ. At least one session of the meeting will be devoted to the history of science. For more information, contact Jeane R. Brink, Arizona Center for Medieval and Renaissance Studies, Arizona State University, Tempe, AZ 85287; telephone (602) 965-5900.

NOTA BENE!

According to the Recommended Standards for the Preparation and Certification of Secondary School Teachers in Science of the National Science Teachers' Association, students preparing to be secondary school science teachers should take a minimum of 50 semester hours of coursework in one or more of the sciences, as well as supplementary study in a few closely related content areas such as mathematics, statistics, and computer applications to science teaching. Programs of study should be designed to develop "competency in a specialized field of science (including the historical and philosophical foundations of the discipline), competency in using the processes of science common to all scientific fields, ... competency in the concepts, principles, and applications of several areas of science and technology, a breadth of scientific literacy." Let it be noted that the history of science appears in the first item.

The tenth annual Spring Systematics Symposium of the Field Museum of Natural History in Chicago will be held 9 May 1987 on the topic "Evolutionary Ideas of Progress." Speakers will include Francisco Ayala, Roy Britten, Robert Dunell, Stephen Gould, David Hull, William Provine, David Raup, Robert Richards, Robert Richardson, John Maynard Smith, Adam Urbanek, E. O. Wiley, and William Wimsatt. For more information contact Matthew H. Nitecki, Field Museum of Natural History, Roosevelt Road at Lake Shore Drive, Chicago, IL 60605-2496; telephone (312) 922-9410.

The Science through Science, Technology, and Society Project of the Pennsylvania State University announces the second annual Technological Literacy Conference to be held in Washington, D.C., 6–8 February 1987. The conference brings educators and national leaders together to work on improving education and citizen awareness about contemporary technology and its social impacts—issues ranging from the microelectronics revolution, disposal of nuclear waste, and the future of manned space flight, to the economic implications of technology in developing countries. For more information contact Leonard J. Waks, Program Chair, 128 Willard Building, University Park, PA 16802; telephone (814) 865-9951.
Prize Competitions

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The History of Science Society is pleased to announce the establishment of a new prize for a book on the History of Women in Science. The prize, in the amount of $500, will be awarded for the first time at the annual meeting of the Society at Raleigh, North Carolina, in October 1987. Eligible books may take a biographical, institutional, theoretical, or other approach. Included in the topic “women in science” are discussions of women's activities in science, analyses of past scientific practices that deal explicitly with gender, and investigations regarding women as viewed by scientists. These may relate to medicine, technology, and the social sciences as well as the natural sciences.

Excluded from consideration are books by more than two authors and unrevised reprints of previously published works. Books published in the preceding four years, that is, 1983, 1984, 1985, and 1986, are eligible for nomination for the 1987 prize. The committee appointed to select the History of Women in Science Prize winner will determine the books to be considered by reviewing lists of recently published books and soliciting nominations from major scholarly publishers. Members of the History of Science Society are also encouraged to nominate books for consideration by sending their suggestions to the chair of the 1987 History of Women in Science Prize Committee, Helena Pycior, Department of History, University of Wisconsin–Milwaukee, P.O. Box 413, Milwaukee, WI 53201.

The Pfizer Award, consisting of a medal and a cash prize of $2,500, was established in 1958 through the generosity of Pfizer Incorporated and is the highest honor awarded by the History of Science Society for a work of scholarship. Books of original scholarship written by American or Canadian authors and dealing in a substantial manner with the history of science are eligible for consideration. Excluded from consideration are books by more than two authors and unrevised reprints of previously published works. Books published in the preceding three years, that is, 1984, 1985, and 1986, are eligible for nomination this year. The committee appointed to select the Pfizer Award winner will determine the books to be considered by reviewing lists of recently published books and soliciting nominations from major scholarly publishers. Members of the History of Science Society are also encouraged to nominate books for consideration by sending their suggestions to the chair of the 1987 Pfizer Award Committee, Lorraine Daston, Department of History, Brandeis University, Waltham, MA 02254. All nominations must be received by 15 May 1987.

The History of Science Society is pleased to announce the 1987 Watson Davis Prize competition for a book useful in undergraduate teaching or promoting public understanding of the history of science. The prize, consisting of a cash award of $500, will be awarded at the annual meeting of the History of Science Society at Raleigh in October 1987. To be eligible for consideration books should be distinguished by breadth, sufficiency of explanation, and comprehensibility. They should be introductory in the sense that they assume no previous knowledge of the subject and survey a broad area of era in such a way that a meaningful overview of a whole field or chronological period emerges. Excluded from consideration are books by more than two authors and unrevised reprints of previously published works. Books published in the preceding three years, that is, 1984, 1985, and 1986, are eligible for nomination this year. The committee appointed to select the Watson Davis Prize winner will determine the books to be considered by reviewing lists of recently published books and soliciting nominations from major scholarly publishers. Members of the History of Science Society are also encouraged to nominate books for consideration by sending their suggestions to the chair of the 1987 Watson Davis Prize Committee, Robert A. Hatch, Department of History, TUR 4131, University of Florida, Gainesville, FL 32611. All nominations must be received by 15 May 1987.

Awards, Honors & Appointments

William Randall Albury has been appointed to the Chair of History and Philosophy of Science at the University of New South Wales in Sydney, Australia.

James H. Capshew has recently begun serving as a NASA historian at Goddard Space Flight Center in Greenbelt, Maryland. He is also affiliated with the University of Maryland as a Research Associate in the Department of History.

William Eamon (New Mexico State University) has been appointed Gastprofessor at the Institut für Geschichte der Medizin, Universität Würzburg, for the academic year 1986–1987. His research in West Germany is supported by a Fulbright Fellowship and a National Science Foundation research grant.

Lily E. Kay has been awarded an Andrew W. Mellon Fellowship in Bibliography at the American Philosophical Society Library for 1986–1987. She will be preparing a guide to the library's manuscript collections on the history of the life sciences in the twentieth century and continuing her research on the history of molecular biology.

Kenneth M. Ludmerer has been promoted to Associate Professor of History in the Faculty of Arts and Sciences and Associate Professor of Medicine in the School of Medicine, with tenure, at Washington University. He recently received a three-year grant from the Kaiser Foundation to support his research in the history of American science and medicine.

William Newman has been appointed Assistant Professor in the Program of the History of Science at Stonehill College, North Easton, Massachusetts.

David J. Rhees has been appointed Assistant to the Librarian for Research and Programs at the American Philosophical Society Library.

W. A. Smecaton has become Chairman of the Society for the History of Alchemy and Chemistry in its fiftieth anniversary year, following the resignation of Trevor I. Williams.
HSS PRIZES

The History of Science Society annually awards the Schuman Prize of $250 for the best original essay by a graduate student on the history of science and its cultural influences. It was the wish of Ida and Henry Schuman, who established the prize in 1955, that "history of science and its cultural influences" be interpreted very broadly. The papers may deal with the ideas and accomplishments of scientists in the past, with 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. The essays must be in English or accompanied by an English translation and must not have been previously published. They should be thoroughly documented as well as original and must not exceed 8,000 words in length, exclusive of footnotes.

To compete for the 1987 Schuman Prize, students must submit by 1 June 1987 documentation of graduate student status and three copies of the essay with author's name and institution placed on a separate page so that it may be removed before the essay is read by members of the Schuman Prize Committee. Send to Frederick Gregory, Chair, History of Science Society Committee on Honors and Prizes, History Department, University of Florida, 4131 Turlingen Hall, Gainesville, FL 32611. Entries with postmarks after 1 June 1987 will be returned without being read. The announcement of the prizewinning essay will be made at the annual meeting of the History of Science Society to be held in Raleigh in October 1987. The winner of the prize will be reimbursed for travel to the meeting up to a maximum of $250. 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 not a scholarship. Please note that by vote of the History of Science Society Council in October 1983, eligibility for the prize is limited to graduate students. Previous winners of the prize are not eligible to compete again.

OTHER PRIZES

The Division of the History of Chemistry of the American Chemical Society and the Dexter Chemical Corporation wish to solicit nominations for the 1987 Dexter Award for outstanding accomplishment in the history of chemistry. The award, which is usually presented at the fall national meeting of the American Chemical Society, consists of a prize of $1,000 and an engraved plaque. Nominations should contain a cover letter giving an assessment of the nominee's contributions to the field, a vita, and a bibliography of publications. Copies of no more than three select publications may also be included if available. All nominations should be sent by 20 January 1987 to William B. Jensen, Secretary-Treasurer, The Division of the History of Chemistry—ACS, Department of Chemistry, University of Cincinnati, Cincinnati, OH 45221.

The Award Committee of the Lawrence Memorial Fund invites nominations for the 1987 award. Honoring the memory of George H. M. Lawrence, founding director of the Hunt Institute for Botanical Documentation, the award ($1,000) is given annually 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 entertain direct applications. A student who wishes to be considered should arrange for nomination by his or her major professor; this may take the form of a letter that covers supporting material prepared by the nominee. Supporting material 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 1987 and should be directed to R. W. Kiger, Hunt Institute, Carnegie-Mellon University, Pittsburgh, PA 15213; telephone (412) 268-2434.

Books Received by Isis

September–November 1986

Ordering information: Books and publications listed in the HSS Newsletter are available from the publisher. The History of Science Society cannot fill orders for non-HSS publishers.

Note: Most books on the Books Received List that will be reviewed in Isis have already been assigned to reviewers. If you are interested in reviewing a forthcoming book for Isis, please fill in the coupon "News of Forthcoming Books" in earlier issues of the Newsletter.

Maynard A. Amerine, Herman Pfaltz (Compilers). Bibliography of Publications by the Faculty, Staff, and Students of the University of California, 1876–1980, on Grapes, Wines, and Related Subjects. (University of California Publications Catalogs and Bibliographies, 2,1) xxiii + 244 pp., bibl., indexes. Berkeley/Los Angeles/London: University of California Press, 1986. $28.


Erik Baark; Andrew Jamison (Editors). Technological Development in China, India, and Japan: Cross-Cultural Perspectives. xxii + 264 pp., figs., index. New York: St. Martin's Press, 1986. $32.50.


Henry H. Bauer. The Enigma of Loch Ness: Making Sense of a Mystery. xii + 243 pp., illus., apps., bibl., index. Urbana/Chicago: University of Illinois Press, 1986. $22.95.

Michael Baxandall, Patterns of Intention: On the Historical Explanation of Pictures. xii +


**Archives**

The Contemporary Scientific Archives Centre at Oxford announces that the Centre has finished cataloguing the collections of Harold Davenport (mathematics—material deposited at Trinity College, Cambridge), Hans Krebs (biochemistry—vast collection with three-volume catalogue deposited in Sheffield University Library), John Randal Baker (zoology, anthropology—material deposited in the Bodleian Library, Oxford), and Egon Bretschger (chemistry, nuclear physics—material deposited in Churchill College Archives Centre, Cambridge). The Centre also reported the retirement of Margaret Gowing and the anticipated move of the operation to Bath in April 1987, where it will be headed by R. A. Buchanan, and renamed the National Cataloguing Unit for the Archives of Contemporary Scientists.

The Division of Fluid Dynamics of the American Physical Society has deposited its archives in the Manuscript Collection of the Library of Lehigh University, under the direction of Philip A. Metzger, Curator of Special Collections. Included in the archives are operating papers, correspon-

dence, and financial records of the Division dating back to its founding in 1947. Raymond J. Emrich, charter member, past secretary, and chairman of the Division of Fluid Dynamics and professor of physics at Lehigh, collected the papers and made them available.

The collection is open and more papers will be added. The papers have been organized and catalogued and descriptions prepared. The archives are also listed in the OCLC database and are available to other libraries throughout the country.

The Houston Academy of Medicine-Texas Medical Center Library has published a guide to the manuscript collection of Hilde Bruch, known for her investigations into eating disorders, particularly anorexia nervosa. The guide is available for a cost of $20 from Historical Research Center, HAM–TMC Library, 1133 M. D. Anderson Boulevard, Houston, Texas 77030.

The Solvay Public Library has opened to the public the Solvay Process Company/Allied Chemical archives, donated to the library by the Allied Chemical Company in 1986. The collection includes data on the Syracuse Works, which began soda production in 1884 and closed in 1986.


James Burke. The Day the Universe Changed. 352 pp., illus., bibl. index. Boston/Toronto: Little, Brown, 1985. $27.50.


Rachel Doggett [Editor]. Time, the Greatest Innovator: Timekeeping and Time Consciousness in Early Modern Europe. With the assistance of Susan Jaskot and Robert Rand.


David S. Evans; J. Derral Mulholland. Big and Bright: A History of the McDonald Observatory. [History of Science Series, 4.] xii + 186 pp., figs., apps., bibl., index. Austin: University of Texas Press, 1986. $19.95 [cloth]; $9.95 [paper].


Sue Fisher. In the Patient's Best Interest: Women and the Politics of Medical Decisions. ix + 214 pp., figs., bibl., index. New Brunswick, N.J.: Rutgers University Press, 1986. $25 [cloth].


Roger French; Frank Greenaway [Editors]. Science in the Early Empire: Plato, the Elder, His Sources and Influence. 287 pp., illus., index. Ithaca, N.Y.: Barnes & Noble, 1986. $39.95.


Michael Friedman. Foundations of Space-Time Theories: Relativistic Physics and Philosophy of Science. xvi + 385 pp., figs., app., bibl., index.


Elizabeth Hale [Compiler]. The Discovery of the World: Maps of the Earth and the Cosmos from the David M. Stewart Collection. Translated and edited by Guy Vadeboncouer; Beatrice De Anda; Simone Bédard; Allan Brown; Gillian Gayton. 87 pp., illus., index. Montreal: David M. Stewart Museum, 1985. [Distributed in the U.S. by University of Chicago Press, Chicago.]


Christopher Hookway [Editor]. Minds, Machines and Evolution: Philosophical Studies. xi + 177 pp., illus., index. Cambridge/London/New York: Cambridge University Press, 1986. $11.95 (paper).

Barbara J. Howe; Emory L. Kemp [Editors]. Public History: An Introduction. vii + 508 pp., illus., apps., index. Malabar, Fla.: Krieger, 1986. $39.95 (cloth); $27.50 (paper).


Stanley L. Jaki. Chance or Reality and Other Essays. viii + 249 pp., index. Lanham, Md./London: University Press of America with Intercollegiate Studies Institute, 1986. $26.50 (cloth); $13.75 (paper).


Martin Kenney. Biotechnology: The University-Industrial Complex. xvi + 306 pp., figs., apps., bibl., index. New Haven/London: Yale University Press, 1986. $23.95.


Jill Kraye; W. F. Ryan; C. B. Schmitt [Editors]. Pseudo-Aristotle in the Middle Ages: The Theology and Other Texts. [Warburg Institute Surveys and Texts, 11.] 395 pp., illus., figs., indexes. London: Warburg Institute, University of London, 1986. £36 (paper).


Margaret L. Kripke; Philip Frost [Editors]. Immunology and Cancer. [University of Texas M. D. Anderson Symposium on Fundamental Cancer Research.] 18, 304 pp., figs., indexes. Austin: University of Texas Press, 1986. $47.50.


Paul Kunitsch; Tim Smart. Short Guide to Modern Star Names and Their Derivations. 64 pp., illus., bibliography. Wiesbaden: Otto Harrassowitz Verlag, 1986. DM 39.80 (paper).


James P. Lester; Ann O'M. Bowman [Editors]. The Politics of Hazardous Waste Management. [Duke Press Policy Studies.] x + 317 pp., figs., bibl., index. Durham, N.C.: Duke University Press, 1983. $32.75 (cloth); $12.75 (paper).


Jane Maienschein [Editor]. Defining Biology: Lectures from the 1980s. xiv + 337 pp., illus., bibl., index. Cambridge, Mass./London: Harvard University Press, 1986. $25.

Alwyn McKay. The Making of the Atomic Age. xiv + 153 pp., illus., figs., app., bibl., index. Oxford/New York: Oxford University Press, 1984. $18.95.


Peter J. T. Morris. Polymer Pioneers: A Popular History of the Science and Technology of Large Molecules. [Center for History of Chemistry Publication 5.] 89 pp., illus., bibliography. Philadelphia: Center for History of Chemistry, 1986. $7.50 (paper).


C. David Naylor. Private Practice, Public Payment: Canadian Medicine and the Politics of Health Insurance, 1911-1962. 221 pp., index. Kingston/Montreal: McGill-Queen's University Press, 1986. $35 (cloth); $15.95 (paper).
J. D. North. Horoscopes and History. [Warburg Institute Surveys and Texts, 13.] xii + 232 pp., illus., figs., apps., bibl., index. London: Warburg Institute, University of London, 1986. £26 [paper].

Henry Oldenburg. The Correspondence of Henry Oldenburg. Edited and translated by A. Rupert Hall; Marie Boas Hall. Thirteen volumes. xxi + 409 pp., figs., index. London/Philadelphia: Taylor & Francis, 1986. £45.

W. M. O'Neill. Early Astronomy: From Babylon to Copernicus. xii + 214 pp., figs., bibl., index. Sydney: Sydney University Press, 1986. $27.50. [Distributed in North and South America by International Specialized Book Services, Portland, Ore.; distributed elsewhere by HB Sales, Ashford, Middlesex.]


Donald Perry. Life Above the Jungle Floor: A Biologist Explores a Strange and Hidden Tropost World. 171 pp., illus., bibl., index. New York: Simon & Schuster, 1986. $16.95.


Derek J. de Solla Price. Little Science, Big Science . . . and Beyond. xxii + 301 pp., figs., index. New York: Columbia University Press, 1986. $35 (cloth); $14.95 [paper].

Jacques Queron. Pic de la Miramonde: Contribution à la connaissance de l’humanisme philosophique, renaisssance, xvii–xviii. 219 pp., bibl., index. Université de Provence, 1986.


Alastair Rae. Quantum Physics: Illusion or Reality? x + 123 pp., illus., bibl., index. Cambridge/London/New York: Cambridge University Press. $29.95.


Colin A. Roman. The Shorter Science and Civilization in China: An Abridgement of Joseph Needham’s Original Text. Volume II. x + 298 pp., illus., bibl., bibliographic index. Cambridge/London: Cambridge University Press, 1986. $49.50 (cloth); $19.95 (paper).


Redcliffe Salaman. The History and Social Influence of the Potato. Edited by J. G. Hawkes. xxxvi + 685 pp., illus., bibl., index. Cambridge/New York: Cambridge University Press, 1949; 1985. £16.95 [paper].


Emilio Segre. From Falling Bodies to Radio Waves: Classical Physicists and Their Discoveries. x + 298 pp., illus., bibl., index. New York: W. H. Freeman, 1984. [Paper.]


S. E. D. Shortt. Victorian Lunacy: Richard M. Bucke and the Practice of Late Nineteenth-Century Psychiatry. [Cambridge History of Medicine.] xvi + 207 pp., illus., index. Cambridge/London/New York: Cambridge University Press, 1986.


Thomas Söderqvist. The Ecologists: From Merry Naturalists to Saviours of the Nation. xvii + 364 pp., bibl., index. Stockholm: Almqvist & Wiksell, 1986. SEK 180.


Howard Ma Spiro. Doctors, Patients, and Placebos. x + 261 pp., index. New Haven/London: Yale University Press, 1986. $27.50.


New Strachan. From Waterloo to Balaclava: Tactics, Technology, and the British Army. 1815–1854. xi + 188 pp., illus., bibl., index. Cambridge/London/New York: Cambridge University Press, 1985. $34.50.


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Jean Towler, Joan Bramall. Midwives in History and Society. xii + 316 pp., illus., apps., index. London/Sydney/Dover, N.H.: Croom Helm, 1986. $26 (paper).

Jörg Trüger [Editor]. Hochschule und Wissenschaft im Dritten Reich. [Reihe Campus, 1009.] 200 pp., bibl. Frankfurt/New York: Campus Verlag, 1986. DM 17.80 (paper).


Sewall Wright. Evolution: Selected Papers. Edited by William B. Provine. xiii + 649 pp., illus., figs., bibl. Chicago/London: University of Chicago Press, 1986. $70 (cloth); $25 (paper).


The Newsletter of the History of Science Society is published in January, April, July, and October. Regular issues are sent to those individual members of the Society residing in North America. Airmail copies are sent to those members overseas who pay $5 yearly to cover postal costs. The Newsletter is available to non-members and institutions for $20 a year.

The Newsletter is overseen by a Steering Committee consisting of the President, the Secretary, and the Editor of the History of Science Society. It is edited by the Secretary, Dr. Edith Sylla, and is produced at the Society's Publications Office under the supervision of Dr. Frances Kohler. Send news items to Newsletter, History of Science Society, c/o Edith Sylla, School of Humanities and Social Sciences, North Carolina State University, Box 8101, Raleigh, NC 27695-8101. The deadline for receipt of news is the tenth of the month prior to publication; for articles and other long copy, the first of the month.

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