In a few months, the HSS Executive Office will celebrate its second year at the University of Washington in Seattle. I thought this would be an appropriate time to discuss the role of the Executive Office with HSS members.

The plan for an Executive Office emerged as part of Professor Gerald Holton’s drive to establish an endowment for the History of Science Society. Professor Holton was well aware that foundations and philanthropic agencies do not look favorably upon organizations that lack permanent governing and institutionalized structures. His plan was realized when Professor Michael Sokal was elected to the new position of Executive Secretary in 1988. From that time through 1992, Professor Sokal threw himself selflessly and tirelessly to the task of organizing and centralizing the operations of the Society.

Perhaps no one in the Society more clearly realizes the extent to which Professor Sokal’s efforts have been successful than his successor! The simple fact that the Society works so efficiently through its Executive Office is due in no small measure to his vision. My goal is to stay this same course and to enable the Society to grow and to prosper through an efficient central office.

While I am the titular head of the office in Seattle, the credit for its smooth operations goes to Amy Lanfear, HSS’s Executive Assistant. I am sure many of you have discussed issues with Amy over the telephone or have enjoyed her prompt response to queries she has received via the mail, FAX machine, or e-mail. She is assisted by two graduate students, Moran Tompkins and Matt Klingle. Moran is in charge of special projects, especially the numerous surveys and data-gathering instruments that many HSS committees require for their operations. Matt is a special assistant (continued on page 20)
NEWS OF THE SOCIETY

Duane Henry DuBose Roller (1920-1994)
A Tribute

by Kenneth L. Taylor and Marilyn Ogilvie
The University of Oklahoma

Duane H. D. Roller died at his home in Norman, Oklahoma, on 22 August 1994. Duane was well known for his development of the University of Oklahoma's History of Science Collections, and of the academic programs in the history of science reliant on the Collections.

Duane came to the University of Oklahoma in 1954 to teach the history of science and to serve as Curator of the special collection, begun a few years earlier on the foundation of gifts from OU alumnus E. L. DeGolyer. Under Duane's supervision and largely through his efforts, the collection grew from about 5,000 volumes to nearly 80,000 at the time of his retirement in 1990. The undergraduate and graduate instructional programs he launched at Oklahoma bear the mark of his convictions that historical study of civilization hardly makes sense if science is overlooked, and that there is no better route to understanding of cultural change than through the history of science.

Born in Eagle Pass, Texas, on 14 March 1920, the son of Duane Emerson Roller and Doris DuBose Roller, Duane spent a good part of his youth in Norman where his father was an OU physics professor. He received the B.A. degree in history of science from Columbia University in 1941 before becoming a naval radar officer during the Second World War. He served in the Navy until 1946, reaching the rank of Lieutenant Commander. Duane and Marjorie Fair Williamson were married on 15 March 1942. After the war Duane earned the M.S. degree in experimental physics at Purdue University in 1949, and in 1954 he received his Ph.D. degree in the history of science and learning from Harvard University.

In his four decades at Oklahoma, Duane worked tirelessly on multiple fronts to promote and develop the history of science. He deliberately took on instructional overloads, opening up and teaching new classes and then arguing (successfully) with administration for additional faculty appointments to meet student demands. By the mid-1970s there were six faculty positions in the history of science. He secured the essential institutional support for sustained expansion of the History of Science Collections. For many a summer Duane and Marjorie frequented the shops of European antiquarian book dealers; each fall Duane reapplied the pressure on university fund-raisers to find more private funding, so that the stream of books to the Collections could continue. He worked on large bibliographical projects, notably the printed Catalogue of the Collections (1976), done in collaboration with Marcia M. Goodman; he edited the huge Landmarks of Science microform reproduction of original sources in history of science. As the History of Science Collections' reputation grew, he was called on to give a substantial portion of his time showing it off to everyone from schoolchildren to visiting luminaries. Duane regularly did this with such skill and zest that he ranked about equally with the old books themselves among the university’s most prized and most conspicuously displayed cultural assets.

Duane did all these things and more (for example, he headed the university’s faculty research committee for two decades) while pursuing diverse scholarly interests and while maintaining a full schedule of classroom teaching and graduate student direction. His outstanding teaching was recognized in a Regents’ Award for Superior Teaching in 1970, and by his appointment in 1981 as David Ross Boyd Professor, a title added to his 1963 appointment as McCasland Professor. He was presented the university’s Distinguished Service Citation in 1980.

Duane’s doctoral thesis became the foundation for a book on The De Magnete of William Gilbert (1959). Much of the scholarship for which he is remembered centered on the early modern physical sciences. The Collections’ particular richness in 16th- and 17th-century works is in some measure a reflection of Duane’s special interest in the Renaissance and early modern period. Duane also developed a keen interest in ancient Greek science, taking sabbatical leaves of absence on two occasions as an Associate of the American School of Classical Studies in Athens. In his research, as well as in the lively discussion with which he animated countless seminars and coffee-table conversation, two among Duane’s favorite themes were likely to surface: the supreme importance of language in all intellectual transformation, and the affinity between scientific creativity and novel expression in the arts.

In the History of Science Society, Duane was twice a member of the Council (1956-58, 1968-70). He chaired the Pfizer Award Committee in 1968. He was one of the three ‘Founding Fathers’ of the Midwest Junto, along with Robert Schofield and Robert Siegfried. The Junto was the society Duane liked best because it was the least formal, the least expensive, and the most inviting to participation by graduate students. Among numerous distinctions, two that he especially relished were his service as Sigma Xi National Lecturer (1977-79) and as AAAS/NSF Chautauqua Short Course Lecturer (1978-79).

Keen-witted, imaginative, and energetic, Duane was adept at provoking others into critical re-examination of cherished ideas, or into their clearer defense and elaboration. A fine raconteur, Duane told (and retold) stories for the amusement they afforded, but usually also because they made a point, and Duane was always teaching. We know many others join us in sorrow that we will not again hear Duane’s familiar opening, “Have I ever told you about...?” nor the mischief that followed.

He is survived by his wife Marjorie; their son, Duane Williamson Roller, Professor of Classics at Ohio State University at Lima; and their daughter-in-law, Letitia K. Roller, Lecturer in Art at OSU-Lima.
memorial fund is established in Duane’s name to endow the purchase of books for OU’s History of Science Collections. Donations may be made to the University of Oklahoma Foundation for the Duane H. D. Roller Collection, History of Science Fund. The Foundation’s address is 100 Timberdell Rd., Norman, OK 73109-0685.

Sponsor-A-Scholar Program

HSS would like to thank the many members who have supported our new initiative, “Sponsor-A-Scholar” (previously known as “Adopt-A-Scholar”). The program is clearly filling a need, as witnessed by a recent letter from an Eastern European colleague:

“It is a great honor and pleasure for me to become a member of the History of Science Society. This is very generous and helpful for my work.... Please, give my thanks from my heart to the member of HSS [who] proposed and elected me.... [His or her] initiative is very kind and useful to us.”

It is simple to participate. Merely complete the form below, provide the name of a scholar you wish to sponsor (or indicate you wish us to select from scholars who have requested sponsorship), write a check payable to “History of Science Society” ($35 for each sponsored scholar), and we do the rest. We also maintain your confidentiality, although we do send you a confirmation of the name and address of the sponsored scholar.

We have received a list of ten Russian historians of science who desire to become sponsored scholars. I might note that the monetary situation in Russia, while improving, still makes it virtually impossible for our Russian colleagues to afford a membership in HSS. Therefore, we have a particular need to encourage HSS members to contribute to the program for these colleagues.

Keith R. Benson

HSS Archives on the Move!

Beginning in the very near future, the archives of HSS will be transferred from the American Philosophical Society, where they were collected originally, to the Smithsonian Institution. The transfer was brought about when APS decided to discontinue several institutional archival collections in favor of concentrating on individual collections. Martin Leavitt of the APS graciously solicited potential new homes for our archives and the Executive Committee decided to choose the Smithsonian from among several suitors. The APS has done a marvelous job in

**HSS SPONSOR-A-SCHOLAR PROGRAM (1994)**

☐ YES, I would like to sponsor a scholar. ☐ YES, please choose a scholar for me.

SCHOLAR’S NAME & ADDRESS (please print):

________________________________________

________________________________________

________________________________________

HSS SUBSCRIBER’S NAME & ADDRESS (please print):

________________________________________

________________________________________

________________________________________

TELEPHONE: ______________________________

E-MAIL ADDRESS: __________________________

Please make your check or money order (in U.S. dollars) 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.

Amount Enclosed $____________

($35.00 annually for each scholar sponsored.)
organizing our archives so little needs to be done other than pack the boxes for the move to Washington.

I should like to remind all HSS members who have served in official capacities in the society that their records relating to society business actually belong in the archives. Now would be an excellent time to add your materials to the archive. You may send files (or boxes!) to my office or directly to the Smithsonian Institution (Archives) to the attention of Alan Bain (Washington, DC 20560).

Keith R. Benson

HSS Annual Meeting in New Orleans

By the time you will receive this Newsletter, you will either be on your way to New Orleans or you will have returned from New Orleans. Nevertheless, I would like to share a few thoughts about the latest HSS Annual Meeting.

Our meeting with PSA and 4S in New Orleans was unprecedented in many ways: It was my first three-society meeting; it was the first multiple society meeting in which the HSS Executive Office did all the coordination for the meeting; and it was the largest meeting we have ever attempted to stage. What have we learned?

First, we have learned that the History of Science Society is a large society whose annual meeting will always require a major hotel as host. For New Orleans, we reserved 600 rooms in the Clarion Hotel, almost three times the space we normally reserve. Despite the fact that both PSA and 4S are only one-fourth as large as HSS, all hotel rooms in our host hotel were reserved by 1 September. Thankfully, HSS Committee on Meetings and Programs (COMP) has picked carefully for the future and we will be commodiously housed in Minneapolis (1995), Atlanta (1996), and San Diego (1997).

Second, we have learned that we must organize the structure of the annual meeting in a more efficient manner. In the past, we have asked our Program Committee to design the meeting from scratch. The last four years, that committee has been forced to deny paper and session proposals due to the lack of space. For the first time, this year we actually developed a meeting format, a design that we will use for future meetings in an attempt to maximize the number of papers that we may present in a given year. COMP will evaluate the success of this format and will suggest changes in how we conduct our annual business, both as a means to make the meeting run more smoothly and to ensure the participation in the program by as many members as possible.

Third, we have learned that we no longer have the luxury of allowing colleagues to appear on the program as many times as necessary. Indeed, this year for the first time we allowed HSS members to appear on the HSS program only once (as presenter, chair, or commentator). We will need to continue this practice in the future if we are committed to ensuring the participation of as many members as possible.

Fourth, we have learned that greater centralization of the annual meeting is necessary. This year for the first time, the Executive Office served as the repository for paper and session proposals, registration materials, and preparation of the meeting program. In addition, the Executive Office served in the role of "local arrangements," originally due to default but then due to the need for coordination with PSA and 4S. This same kind of coordination will need to be maintained in the future as HSS meetings continue to grow and to become more complex.

Finally, we have learned that we need greater advice from our members concerning how the meeting operates. Please provide us with your comments (we do like the positive ones as well!) so that future meetings will run as smoothly as possible.

Keith R. Benson

HSS Travel Grants

Good news! The History of Science Society, along with PSA, SHOT, and 4S, received a $40,000 grant from the National Science Foundation to support travel by graduate students and independent scholars to annual meetings. HSS's share of the grant this year is $15,000. This represents a five-fold increase in the amount of money HSS traditionally budgets for travel. It also marks the continued success of our collaboration with our three fellow societies; indeed, the grant grew out of an idea during the Spring meeting of the executive secretaries and presidents of the four societies in Seattle. Our thanks to Ron Overmann and Alan Kornberg at NSF for encouraging us to submit the grant.

The HSS Committee on Independent Scholars, charged with overseeing our travel grant program, awarded 52 travel grants to 40 graduate students and 12 independent scholars. Those who received support were required to fulfill the following criteria: HSS member (or HSS-affiliated international society); presenting a paper or participating in HSS governance; graduate student or independent scholar status; and no travel grant to an HSS annual meeting during the previous two years. The number of successful grant applications is twice the number for the Santa Fe meeting!

This year's grant cycle was complicated by two factors: we were forced to extend the deadline for travel grant submissions until 15 August and we were deluged with over 90 travel grant requests. In the future, the travel grant application will be due in early June. Additionally, the Committee on Independent Scholars will be evaluating the procedures for awarding travel grants to ensure that the awards are grants as equitably as possible.

We are excited by the size of our travel budget and are encouraged to know that this means that more of our deserving colleagues will be heard at the annual meeting!

Keith R. Benson
News from NSF

We had extraordinarily good news from the National Science Foundation during this summer. Not only did it fund our travel grant program and fund a proposal for a pre-annual meeting conference on electronic media, but it also appointed Professor Anne Petersen to become its Deputy Director. Professor Petersen was formerly Vice President for Research and Dean of the Graduate School at the University of Minnesota.

1994 HSS Election Results

The 1994 ballots have now been counted. Paul Farber, Rachel Lauden, Albert E. Moyer, Margaret J. Osler and Arleen Tuchman have been elected to HSS Council to serve a three-year term starting in January 1995. Garland Allen, Seymour H. Mauskopf, and Mary Jo Nye were elected to Nominating Committee from the HSS Council, and Nancy Siraisi and Liba Taub to Nominating Committee from at-large, all to serve one-year terms beginning in January 1995. Almost three hundred members cast their votes in the election.

Congratulations to our new council members and committee members!

Council:
Paul Farber
Rachel Lauden
Albert E. Moyer
Margaret J. Osler
Arleen Tuchman

Nominating Committee:
Garland E. Allen
Seymour H. Mauskopf
Mary Jo Nye

Nominating Committee at Large:
Nancy Siraisi
Liba Taub

ORDER FORM
HISTORY OF SCIENCE SOCIETY PUBLICATIONS

Name ____________________________________
Adress ____________________________________
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)

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: $__________
MISCELLANEOUS ANNOUNCEMENTS

The Grolier Club of New York, the premier bibliophile organization in America, is mounting a milestone public exhibition of books and manuscripts of importance in the history of medicine at its 47 East 60th Street location in New York. *100 Books Famous in Medicine* will chronicle the evolution of medical knowledge from the classical period up to the invention of the CAT scan in 1973. The exhibition will bring together for the first time the one hundred texts which have been most influential in the development of the health sciences, including the original editions of works by Andreas Vesalius, William Harvey, Edward Jenner, and Alexander Fleming, among many others. It will trace the dissemination of formative medical theories and discoveries from the ancient world to the present, from the writings of Hippocrates to those of James Watson and Francis Crick. Special care has been taken to show that each text is significant for its association, provenance, binding, or illustrations. The Exhibition is open Monday through Saturday, 10 am to 5 pm. Admission is free and open to the public.

The Women’s Committee of the History of Science Society is soliciting syllabi for specialized courses on “Women in Science” and “Gender in Science.” Courses may be introductory or upper level. Syllabi may also be for courses in the sciences, history of science, women’s studies, ethnic studies, or related fields that integrate the study of gender in science into other materials in a creative and fundamental fashion. We are especially interested in courses that treat issues of minority women in science. Please send your syllabi as soon as possible to Evelyn Hammonds, STS, MIT, Cambridge, MA 02139 (email: evham@mit.edu) or to Londa Schiebinger, History Department, Penn State University, University Park, PA 16803 (email: LLS10@psu.edu).

The editorial address for NTM: *International Zeitschrift für Geschichte und Ethik der Naturwissenschaften*, Technik und Medizin (Birkhäuser, Basel) has changed. Please direct all future manuscript submissions and inquiries to: Dr. Habil, Renate Tobies, Kienbergstraße 14, D-12685, Berlin, Germany.

The Center for History of Physics, American Institute of Physics, and its Niels Bohr Library may now be reached at: One Physics Ellipse, College Park, MD 20740, phone (301) 209-3177, fax (301) 209-0882, email nbl@aip.org.

The National Science Foundation (NSF) strongly encourages the early development of academic faculty as both educators and researchers. The Faculty Early Career Development (CAREER) program is a Foundation-wide award instrument for the support of junior faculty within the context of their overall career development. It combines in a single program the support of quality research and education in the broadest sense and the full participation of those traditionally underrepresented in science and engineering. This program enhances and emphasizes the importance the Foundation places on the development of full, balanced academic careers which include both research and education.

Unlike earlier such programs (such as the NSF Young Investigator Awards) which were limited to the faculty of degree-granting institutions, this new program includes “individuals who are engaged in significant education and research activities at two-year colleges of non-profit or non-academic institutions such as museums, observatories, and research laboratories.

To obtain the complete Program Announcement, send an e-mail to stiserv@nsf, leave the Subject line blank, and put for the message “get nsf94101.” Don’t sign it.

The deadline for most of NSF (including the Physics Division) is 4:00 pm EDT, 17 October 1994.

The Centre for Neohellenic Research at the National Hellenic Research Foundation in Athens, Greece, is conducting a three-year research project on the influence of European scientific thought on the broader Greek and Balkan regions (18th-19th centuries).

The primary objective of the project is the tracing and identification of the channels through which European scientific thought concerning the natural sciences entered Greek and Balkan learning and thought, its range of penetration, the degree of assimilation and the level of knowledge. The tracing of the new quality and the new identity that contact with European thought created, and above all, how society as a whole received the new scientific thought (always viewed within the context of tradition and renewal) all comprise the key reference points of the research. By examining the historical evidence (whether it be of longer or shorter duration and influence), it is hoped to reach a better understanding of the deeper connections, the overall cohesion of the scientific thought of the day, and the internal interaction and workability of all this knowledge in the course of time. These are factors of prime importance for an understanding both of the history of science in Greece as well as Greek national awareness.

The participants in the research project include researchers from the CNR and university historians of science, mathematicians, physicists, chemists, doctors and others. The project supervisor is Dr. Yannis Karas, historian of science, and research associate professor at the CNR/NHRF.

The project enjoys the collaboration of research teams and university academics in Greece and abroad, and seeks to initiate new joint research with academics and research teams that are concerned with similar subjects. Thanks to the Greek initiative, associated research teams have been set up in Bulgaria and Romania and,
in coordination with the Greek team, are studying the subject with regard to their own countries. It is hoped that similar research may soon be undertaken in Albania and Serbia.

The research team has organized international and national congresses and symposia, and its members have published books and articles. In 1996 a collective volume is planned to be published in Greek and English in which the results of the research will be discussed and analyzed.

The research project had been recognized by the European Science Foundation and is registered under the following title: “Impact of Western scientific thought in the areas under Greek cultural influence, 18th - 19th centuries (No. 7430). For more information, contact the Centre for Neohellenic Research, N.H.R.F. - The National Hellenic Research Foundation, 48, Vos. Constantinou Av., Athens 116 35. Telephone: (01) 722 98 11 15; Fax: (01) 724 62 12.

**Georgia Tech’s new graduate program in the History of Technology offers especially interesting opportunities for students who wish to pursue M.S. and Ph.D. degrees in this field. The program is particularly concerned with connecting the history of technology to industry, labor, business, and social history. The faculty shares very closely related teaching and research interests in these several topics which are also reflected in their recently established Center for the Study of Southern Industrialization. Students participate actively in the Atlanta Seminar in the Comparative History of Industry, Labor, and Technology, a consortium of graduate students and faculty members from Georgia Tech, Georgia State, and Emory University that sponsors a monthly colloquium series as well as periodic conferences. Besides historians, the faculty includes sociologists who study the sociology of work and industry, the sociology of international development, and the sociology of science and technology. This multi-disciplinary focus helps to link social theory and history, and to create interest in gender and technology issues. In addition to these kinds of concerns, the strong African American community in Atlanta and the number of historically black colleges and universities in the area naturally creates interest in the relation between the history of technology and African American history. Qualified students are encouraged to apply, and those who do so by 1 February 1994 can be considered for financial support. Send inquiries to Bruce Sinclair, School of History, Technology, and Society, Georgia Institute of Technology, Atlanta, GA 30332-0345. Telephone: (404) 894-6841; Fax: (404)853-0555; e-mail: bruce.sinclair@hts.gatech.edu.**

**AWARDS, HONORS & APPOINTMENTS**

Toby Appel has been appointed Historical Medical Librarian at the Cushing/Whitney Medical Library, Yale University. A longtime member of HSS and a current member of the HSS council, she recently completed her Masters degree in Library Science from the College of Library and Information Studies, University of Maryland.

William Eamon, Professor of History at New Mexico State University, has been awarded a Villa I Tatti Fellowship from the Harvard University Center for Renaissance Italian Studies, Florence, for research on science and popular culture in late-Renaissance Italy. Eamon’s research in Italy is also being supported by 3-year grants from the National Science Foundation and the National Endowment for the Humanities.

Gerald Holton, Harvard University, has been elected *Membre Titulaire* (full member) to the *Académie Internationale de Philosophie des Sciences*.

Ann Hibner Koblitz, Hartwick College, has received tenure in the History Department. She is also finishing up a consultancy for the United Nations Statistical Division and UNIFEM on cross-cultural comparisons of women in science and technology.

John Lankford, Kansas State University, has become Special Assistant to the Provost and Adjunct Professor of History with an additional appointment as Fellow in the Institute for Research in Social Behavior.

Pat Munday, Associate Professor with the Program in Society & Technology at Montana Tech, is co-recipient of the Liebig-Woehler Freundschafts Preis. He received the prize in recognition of his dissertation “Sturm und Dung: Justus von Liebig and the chemistry of agriculture” (Cornell University, 1990).

Jeremy Norman, Norman Publishing, has been awarded the Archivists and Librarians in the History of the Health Sciences annual award, recognizing the best medical historical reference work published within the preceding five years (1988-1993). Mr. Norman edited the fifth edition of Morton’s Medical Bibliography: *An Annotated Check-list of Texts Illustrating the History of Medicine*.

Marsha L. Richmond, Wayne State University, has been appointed Assistant Professor in the Interdisciplinary Studies Program.

Edmund P. Russell, University of Virginia, has been awarded the 1994 Distinguished Dissertation Award by the University of Michigan Horace H. Rackham School of Graduate Studies for his dissertation, "War on Insects: Warfare,
Insecticides, and Environmental Change in the United States, 1870-1945."

Londa Schiebinger, Director of the Women in the Sciences and Engineering (WISE) Institute at Pennsylvania State University, has been named Visiting Professor at the Georg-August Universität Göttingen for 1995. Her research and teaching will be sponsored by the Deutsche Forschungsgemeinschaft.

Keith R. Benson has been promoted to Professor in the Department of Medical History and Ethics and the Department of History at the University of Washington.

**RESEARCH OPPORTUNITIES**

The Science and Technology Agency (STA), an administrative organ of the Government of Japan, is offering its fellowship program to promising young foreign researchers in the fields of science and technology to conduct research at Japan’s national laboratories and public research corporations (excluding universities and university-affiliated institutes).

For more information about these programs, please write to Kawaguchi Center for International Studies and non-anesthetic, as well as physician historians are eligible to participate. Nominations may be submitted by anyone, including one’s self. They must include three copies of the nominee’s curriculum vitae and complete bibliography together with three copies of a signed cover letter describing the basis for the nomination as well as the names and full addresses of four persons to be contacted as references.

Selection of the WLM Laureate will be made every four years beginning in 1995 and will be announced in October during the annual meeting of the American Society of Anesthesiology. The awardee will be honored by presentation of a suitably inscribed medal at the time of the next year’s annual meeting of the American Society of Anesthesiologists with the honoree’s expenses being provided by the WLM. The first award will thus be made in 1996. Though accompanied by neither an honorarium nor prescribed duties, the post of Laureate carries with it the expectation that the Laureate will remain active in publication of historical materials and will contribute to the education of anesthesiologists and others by lectures and participation in panels and seminars.

Nominations must be delivered to Chair, WLM Laureate Committee, Wood Library Museum, 520 N. Northwest Highway, Park Ridge IL 60068-2573 before 1 July of the year preceding the year divisible by four in which the award is to be made, e.g. before 1 July 1995 for presentation of the award by 1996. Questions regarding the program may be addressed to the Chair of the WLM Laureate Committee at the above address.

The study of the history of anesthesia is an important, worthy and honorable calling that adds to the richness of our specialty. To promote recognition of the importance of the study of the history of anesthesia and to recognize scholars who have made singular contributions to the field, the Trustees of the Wood Library Museum of Anesthesiology (WLM), an affiliate of the American Society of Anesthesiology, have initiated a new post, that of WLM Laureate of the History of Anesthesia.

Laureates will be selected on the basis of a demonstrable record of outstanding original contributions to the study of the history of anesthesia as evidenced by published monographs and articles in peer-reviewed journals. The award will be international. All physicians, anesthetic and non-anesthetic, as well as non-physician historians are eligible to nomination regardless of where they live.

Nominations may be submitted by anyone, including one’s self. They must include three copies of the nominee’s curriculum vitae and complete bibliography together with three copies of a signed cover letter describing the basis for the nomination as well as the names and full addresses of four persons to be contacted as references.

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**PUBLICATIONS**

Variorum announces two new history of science publications. *Science and Instruments in Seventeenth-Century Italy* by Silvio A. Bedini is available in cloth for $105.00 (ISBN: 0-86078-442-8) and *Robert Grosseteste, Exegete and Philosopher* by James McEvoy is available in cloth for $82.50 (ISBN: 0-86078-433-9). For more information write to Variorum, Old Post Road, Brookfield, VT 05036; Tel. (802) 276-3162; Fax (802) 276-3651.


Soft bound, the text is 180 pp., with a detailed table of contents, numerous appendices, and a full index. The book is priced at $14.00 and is available from the AIHP. For ordering information, contact AIHP, 425 N. Charter St., Madison, WI 53706-1508; Tel. (608) 262-5378.
A new index and microfiche collection that make accessible tens of thousands of documents issued by the U.S. Navy Department before 1910 will be published in fall 1994 by Congressional Information Service, Inc. (CIS). The index and microfiche collection make up Part 5 of CIS’s U.S. Executive Branch Documents, 1789-1909.

CIS has also announced plans to make two of its databases available through UnCover and Innovative Interfaces, Inc. (III). Agreements have been reached with UnCover and III to bring the U.S. Government Periodicals Index and Environment Abstracts on-line in fall 1994.

For more information about any of these publications, contact CIS Customer Service at 4520 East-West Highway, Bethesda, MD 20814-3389; Tel. (800) 638-8380 or (301) 654-1550; Fax (301) 654-4033.

**POSITIONS**

The University of Kansas Medical Center seeks a Chairperson for their Department of History and Philosophy of Medicine who is an established scholar in the field as demonstrated by teaching and publications in medical history.

The person must hold a doctoral degree in medicine, history, or both. If the doctoral degree is in medicine, the person must at least have an M.A. in history of medicine. If a Ph.D. degree, familiarity with clinical medicine is important.

Facility in one or more foreign languages is desirable.

The Chairperson reports to the Executive Dean, School of Medicine, and manages an established academic program that is expected to develop a Masters degree in history with emphasis on medicine, the staff of the Clendening Library and its collection, the Medical Center Archivist and Archives, and the faculty of the Department. The person should possess interpersonal skills needed to reinforce the importance of the humanities among the students and faculty of the

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**SPRINGER FOR SCIENCE**

W.S. Anglin, Luther College at University of Regina, Canada

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Second Printing, 1991

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School of Medicine, Nursing and Allied Health. The individual will be expected to teach in undergraduate, graduate and continuing education programs.

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Inquiries, nominations and applications should be forwarded to Francis Cuppage, M.D., Department of Pathology & Laboratory Medicine, The University of Kansas Medical Center, 3901 Rainbow Boulevard, Kansas City, KS 66160-7410. Equal Opportunity/Affirmative Action Employer.

The University of Oklahoma invites applications or nominations for a tenure-track faculty position in the History of Science. The starting date is 16 August 1995. Rank: Assistant Professor. Ph.D. required by the time of appointment. Areas of specialization open; preference for candidates in fields complementing those of continuing faculty. First screening of applicants will begin 9 January 1995. Applications will be reviewed until the position is filled. Letters of application should be accompanied by a complete c.v. and writing samples. Applicants should arrange for three letters of recommendation to be sent directly to the search committee to the attention of Steven J. Livesey, Search Committee Chair, Department of the History of Science, Physical Sciences Building 622, University of Oklahoma, Norman, OK 73019-0315; Tel. (405) 325-2213; Fax (405) 325-2363. The University of Oklahoma is an Equal Opportunity/Affirmative Action Employer. Women and Minorities are encouraged to apply. OU has a policy of being responsive to the needs of dual-career couples.

University of Minnesota, Twin Cities. Research Associate (postdoctoral fellow) in the History, Philosophy, or Sociology of Science and Technology. With the support of a research training grant from the National Science Foundation, the University of Minnesota has established an interdisciplinary program for Studies of Science and Technology. Applications are now being sought for a one-year, full-time, twelve-month postdoctoral position in the history, philosophy or sociology of science and technology. The primary qualifications for the position are potential for making original contributions to research in disciplines related to Studies in Science and Technology, and for strengthening research and graduate education in our program. All requirements for the Ph.D. must be completed by 1 September 1995. The starting date of the appointment will be 16 September 1995; the ending date will be 15 September 1996. Applicants should submit a curriculum vita, publications or writing samples, and have three letters of recommendation sent to Professor Ronald N. Giere, Department of Philosophy, University of Minnesota, 355 Ford Hall, 224 Church Street SE, Minneapolis MN 55455. Applications must by received by 16 January 1995. The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

University of Minnesota, Twin Cities. Research Associate (postdoctoral fellow) in the History, Philosophy, or Sociology of Science and Technology. Sponsored by a research training grant from the National Science Foundation, the University of Minnesota has established an interdisciplinary program for Studies of Science and Technology. Applications are now being sought for a one-year, full-time, twelve-month postdoctoral position in the history, philosophy or sociology of 20th-century biology. The candidate will be expected to participate in a jointly taught graduate research seminar. Preference will be given to candidates specializing in the social studies of biology, but historians and philosophers of biology will also be given serious consideration. The primary qualifications for the position are potential for making original contributions to research in disciplines related to Studies in Science and Technology, and for strengthening research and graduate education in our program. All requirements for the Ph.D. must be completed by 1 September 1995. The starting date of the appointment will be 16 September 1995; the ending date will be 15 September 1996. Applicants should submit a curriculum vita, publications or writing samples, and have three letters of recommendation sent to Professor Alan E. Shapiro, Program in History of Science and Technology, 116 Church Street SE, University of Minnesota, Minneapolis MN 55455. Applications must by received by 16 January 1995. The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.

North Carolina State University, History of Science or Technology. Assistant Professor rank; tenure track, initial four-year contract beginning August 1995. As an AA/EOE, we encourage applications from women and minorities. The successful applicant will be required to teach a history of science or technology course at the survey level. Particularly interested in research areas in the history of the physical sciences (modern), technology, environment, agriculture, or the social sciences. Applications and three letters of reference must arrive by 1 December 1994. Will interview at the HSS and AHA meetings. Send application to the Chair, History of Science or Technology Search Committee, History Department, North Carolina State University, Box 8108, Raleigh, NC 27695-8108.

University of Pennsylvania, History of Technology: The Department of History and Sociology of Science at the University of Pennsylvania is continuing its search for an appointment in the History of Technology, rank open to the level of tenured full
The Leeuwenhoek Legacy

by

Brian J. Ford

No instrument has had a greater impact on the development of science than the microscope. Leeuwenhoek it was who launched the modern era of microscopy. Brian J. Ford relates just how good a manufacturer of microscopes the Dutch draper was; how acute an observer, interpreter and recorder of their images, how he refined his methods, how his work has been widely undervalued, and how the specimens he prepared for the Royal Society were neglected for three centuries. Most remarkably, for the first time since Leeuwenhoek's death in 1723, Ford has been able to observe the same material as his subject!

The Key Discovery

Brian Ford has found, in the archives of the Royal Society of London, the very samples Leeuwenhoek examined, described and sent to that pioneering body of science. Ford goes further - a microscopist of great experience, he examines the specimens both with Leeuwenhoek's own microscope and with modern devices. The results are staggering. See them and smile at an examination question "Show how Leeuwenhoek could not, with his equipment, have seen the images he is credited with describing".

Contents

Foreword • Introduction • Life and Work • The Specimen Letters • Investigative Microscopy • The Findings Origin of the Microscope • Describing the Instruments • Index

The Bonus for Microscopists

With this book, patience and care, an enthusiast can make his own Leeuwenhoek microscope.

Reviews

For anyone interested in (micro)biology, microscopy, and their history this profusely illustrated book is a must BBB
The core of the work - and its very original contribution - is a report describing the many labours undertaken by the author in examining the specimens prepared by Antoni Leeuwenhoek in the seventeenth century ... Ford is especially to be commended for having made clear photographs of the specimens through original Leeuwenhoek instruments, modern single lens devices, and compound and electron scanning microscopes Archives of Natural History
...this is a truly moving, impressive, and valuable work. It should belong to every person who uses a microscope Transactions of the American Microscopical Society
The entire book, amply illustrated, represents a scholarly piece of work. Yet the pictures and drawings, combined with the clarity of text, make possible an understanding and appreciation of Leeuwenhoek Journal of Protozoology
Ford seeks to demonstrate that the often maligned Dutchman was much more than a pair of sharp eyes...Ford's wonderfully illustrative volume is the latest indication that we are still in the adventurous, pioneering stage of Leeuwenhoek scholarship Journal of the History of Biology

The Audience

This book is essential to the personal library of every microscopist; amateur and professional. Historians of science will find it central to both the history of medicine and that of ideas. All biologists will need to refer to this book. So clear is the writing and the accounts of experiments that school libraries, with the new emphasis on the history of science, will find it indispensable.

Bibliographic Information

Ford, Brian J. The Leeuwenhoek Legacy
ISBNs 1 85083 016 9 (FP); 0 94873 710 7 (BP) 1991 Binding Case Illustrations 217 Pages xvi+186 Price £27.50

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professor, starting September 1995. Candidates must have research and teaching interest in the history of modern technology. Applicants should send a c.v., a statement of research and teaching interests, and the names of three referees to: Search Committee, Department of History and Sociology of Science, University of Pennsylvania, Suite 500, 3400 Market Street, Philadelphia, Pennsylvania 19104-3325. Review of applications will begin on 1 October 1994. The University of Pennsylvania is an affirmative action, equal opportunity employer.

ALSO NOTED:

The History of Science Department at Harvard invited applications to fill a position of Assistant Professor of the History of Medicine which began 1 July 1994. Applications were considered from candidates whose own research focused on any area or period of the history of medicine. Candidates needed to be prepared to teach in the Department’s undergraduate and graduate programs.

Initial appointment will be for three years, and may be renewed for another three years on recommendation of the Department Faculty. Candidates were expected to complete the doctoral degree by September 1995. For more information, write to Professor Allan M. Brandt, Chair, Search Committee, Department of the History of Science, Science Center 235, Harvard University, Cambridge, MA 02138.

The University of The West Indies had positions available for Lecturers and Assistant Lecturers in its Department of History. Applications were due 8 July 1994. For further details contact The Campus Registrar, Attention: Senior Assistant Registrar (Appointments), University of The West Indies, Mona, Kingston 7, Jamaica.

FUTURE MEETINGS AND CALL FOR PAPERS

The 22nd Annual Meeting of the History of Economics Society will be held at the University of Notre Dame in South Bend, Indiana, 2-5 June 1995. The meeting’s theme is “The History of Economics: The State of the Art.” The Deadline for proposal is 1 February 1995. Send for the Forms for Paper and/or Session Proposals to: James P. Henderson, President, History of Economics Society, Valparaiso University, Valparaiso, IN 46383; e-mail: JHENDERSON@EXODUS.VALPO.EDU.

The American Association for the History of Medicine (AAHM) will hold its annual conference 11-14 May 1995 on the campus of the University of Pittsburgh. Besides the traditional AAHM meeting, over one dozen other national and international history of medicine/health care societies will be organizing and running their own special programming in conjunction with the AAHM sessions. Many of the world’s leading scholars in the history of medicine, nursing, pharmacy, dentistry, and public health issues will be meeting together for the first time. Special financial arrangements have been made to encourage medical/graduate students to attend. Anyone who is not an AAHM member and wishes more information/or to be placed on the registration mailing list should send a letter/card to that effect to Dr. Jonathan Erlen, LAC Chair, 123 Northview Dr., Pittsburgh, PA 15209, or jon@med.pitt.edu.

A collaborative historical and scientific workshop on Ideas, Instruments, and Innovation: The Interdisciplinary Migration of Technologies and Concepts, jointly sponsored by the Beckman Institute and the Division of Humanities and Social Sciences, will take place 10-13 November 1994 at the California Institute of Technology. For Further information please contact Dr. Diana Barkan, Caltech 228-77, Pasadena, CA 91125. A small number of traveling grants are available for graduate students, who are encouraged to apply.

Victorian Studies invites submissions for a special issue entitled “Victorian Information Culture.” We are interested in articles on a wide range of topics, including the following: intellectual property and the economics of information (patents and copyright); developments in information technology — telegraphy, printing, photography, the telephone — and their economic, social, and legal impacts; the use of statistics; professionalism and information; institutions of information (the Post Office, publishing, the press); mechanisms of detection and surveillance; scandal and its representation in literature and art; dynamics of secrecy and encoding; espionage (political and industrial); the uses of information theory in understanding Victorian culture. Essays incorporating interdisciplinary approaches are especially welcome. Deadline for submission is 1 September 1995. Send submissions to: Professor James Eli Adams, Co-Editor, Victorian Studies, Ballantine Hall 338, Indiana University, Bloomington, IN 47405.

The Institute for Liberal Studies at Kentucky State University announces its sixth Annual Interdisciplinary Conference: Science and Culture at the Capital Plaza Hotel in Frankfort, KY on 30 March - 1 April 1995. Under the general rubric, topics of special interest include: Science, Technology, and Religious Ideas; Women and Minorities in Science; Sociology of Science; and Non-Western Perspectives on Science. Scholars are encouraged to submit paper proposals of at least 750 words no later than 13 January 1995 to Mark Shale, Institute for Liberal Studies, Hathaway Hall, Kentucky State University, Frankfort, KY 40601; telephone (502) 227-6730/5924/6411.

The feasibility of holding a colloquium on The Survival of Stoic Logical and...
Physical Thought in the Middle Ages is currently being explored by the undersigned. The history of Stoicism in early and late Antiquity on the one hand, and its influence on early modern European science on the other, have received increasing attention in recent decades. The fortunes of Stoic thought in the Middle Ages, by contrast, have gone almost unattended to. In particular, the extent to which Arab-language philosophers, scientists, and physicians had knowledge of Stoic doctrines and drew on them (be it implicitly) seems to be a terra incognita.

The significance for the Middle Ages of non- or anti- Aristotelian currents is increasingly recognized today, and so it seems apposite to try to scrutinize also the place of Stoicism as providing alternative modes of thought for medieval scientific thought. (Ethical thought is explicitly excluded from the scope of the intended conference.) As a first stage we wish to determine to what extent scholars are interested in the topic and whether a sufficiently broad coverage of the subject can be achieved. If this turns out to be the case, we intend to convene a research colloquium, to be held not before 1997, so as to allow scholars not only to say what they know already, but to do new research. For all inquiries and suggestions please contact: Gad Freudenthal, Institut d’histoire des sciences, 13, Rue du Four, 75006 Paris, France. E-mail: freudent@msh-paris.fr.

The Third International History, Philosophy and Science Teaching Conference will be held 29 October - 2 November 1995 in Minneapolis. Scholarly papers and teaching materials - curricula proposals, texts, lesson plans, and audio-visual and computer materials that incorporate historical and philosophical themes - are encouraged. Especially encouraged are papers that reflect difference culture’s perspectives on the nature of science and science teaching.

Proposals for contributed papers, workshops, discussion groups, and interactive exhibits of curricular and instructional materials related to the purposes of the conference are now being accepted. Five copies of the proposal should be sent to Professor Fred Finley at the address below. The proposals should include: 1. A cover page with the session title, authors name(s), institutional affiliation, address, telephone numbers, FAX number, and e-mail address. 2. A 500 word abstract of each proposed paper or session. 3. Three self-addresses envelopes. Due date for receipt of proposals is 15 March 1995.

After proposals have been accepted, detailed instruction for submission will be sent. Papers should follow the format, style and referencing conventions used in the journal, Science & Education. Disc submission is encouraged. Final papers should not exceed 8,000 words. They must be submitted by 1 June 1995. Early submission of proposals and final papers in encouraged in order to facilitate programming and production of Conference Proceedings.

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. Fax: 1-612-624 8277, email: finleyfn@vx.cis.umn.edu.

The Beckman Institute and the Division of the Humanities and Social Sciences of the California Institute of Technology announces a collaborative historical and scientific workshop entitled “Ideas, Instruments, and Innovation: The Interdisciplinary Migration of Technologies and Concepts.” The workshop will be held 10-13 November 1994, but the registration deadline is 12 October 1994. For more information contact Ms. Helga Galvan (818) 395-4538.

An International Conference on Galileo Galilei will be held on 10-13 November in Berlin, organized by the Istituto Italiano di Cultura, Berlin, together with the Istituto Italiano per gli Studi Filosofici, Napoli; Istituto e Museo di Storia della Scienza, Firenze; Einstein Forum, Potsdam; Institut für Geschichte der Naturwissenschaften der Universität Berlin; Philosophisches Seminar der Georg-August-Universität Göttingen; Verbund für Wissenschaftsgeschichte, Technische Universität Berlin. The Conference will be accompanied by a number of related cultural events. Co-ordination: Vanna Gessa-Kurotschka and Michael Segre. For further detail contact the Istituto Italiano di Cultura, Berlin, via Italianisches Generalkonsulat, Hiroshimastr. 1, 10785 Berlin, Germany, telephone +49-30-2617875, fax +49-30-2628590.

The American Association for the History of Medicine announces a call for papers for its annual meeting to 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 its editors’ request.

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 also findings and conclusions sufficient to allow assessment by the Program Committee. The following biographical information is also required on the abstract: Name, title (occupation), present institutional affiliation, if any, preferred mailing address, and work and home telephone numbers.

Anyone 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 received by 15 October 1994 (no faxes, please).

As in the past, the 1995 program will include poster sessions and lunchtime roundtable workshops. Proposals for entire sessions (of three 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.

All AAHM members will automatically receive registration information for this meeting in the late winter. Other individuals (i.e., non-members) who are interested in receiving this information should contact the Local Arrangements Chair: Dr. Jonathan Erlen, 123 Northview Drive, Pittsburgh, PA 15209.

Call for papers, International Society for Theoretical Psychology Conference, 21-26 May 1995, submission deadline: 1 January 1995. The International Society for Theoretical Psychology will hold its next conference at Carleton University, in Ottawa, Canada Sunday 21 May (registration) to Friday 26 May 1995. The conference will emphasize theoretical and conceptual issues in psychology. We are especially interested in symposia, individual presentations and paper/poster sessions with interdisciplinary themes. We also invite submissions about social, political, or historical studies of psychological topics from alternative frameworks, e.g., cross-cultural, feminist, narrative. The conference will be conducted in English and in French. For more information about the conference, contact Dr. Fran Cherry, Department of Psychology, Carleton University, Ottawa, Ontario Canada K1S 5B6 (email: fcherry@ccs.carleton.ca).

Cheiron: The International Society for the History of Behavioral and Social Science will hold its twenty-seventh annual meeting 22-25 June 1995 at Bowdoin College in Brunswick, Maine. Program submissions (symposia, papers, and posters) which may deal with any aspect of the history of the behavioral and social sciences or with related historiographical or methodological issues, must be postmarked by 23 January 1995. Travel awards are available to assist students who present papers or posters. For further information, contact Dr. Deborah F. Johnson, Cheiron Program Chair, Department of Psychology, University of Southern Maine, Portland, Maine 04103. (207) 780-4560. Fax: (207) 780-4933. E-mail: djohnson@usm.maine.edu.

The German Society for the History and Philosophy of Biology held its Third Annual Meeting at Koblenz, Germany, 24-26 June 1994. The Society aims at coordinating and promoting research in all areas of history and philosophy of Biology in Germany and Europe, and to establish international contacts and cooperation with scholars and societies of related interest. The next Annual Meeting will be held 22-25 June 1995 at Neuberg an der Donau. The Society also edits a Yearbook, which aims at publishing outstanding scholarly papers within a broadly conceived framework of the History and Philosophy of Biology. The officers of the Society include Hans-Jürg Rheinberger, Lubeck (president), and Michael Weingarten (secretary). For more information about the Society, its Annual Meetings, and its Yearbook, please contact Michael Weingarten, Mainzerstr. 19, D-55294 Bodenheim, Germany. Telephone: (06135) 2131.

The American Society for Legal History's 1994 Annual Meeting will be held 20-22 October in Washington, DC at the Omni-Shoreham Hotel. The Meeting will open with a welcoming reception (host bar) at the Shoreham from 5:00-6:00 p.m. on Thursday, the 20th, and the last panel sessions are scheduled to end 5:00 p.m. on Saturday the 22nd. Printed programs will be available at the Registration Table at the Meeting.

More information regarding the annual meeting may be obtained by writing to the Local Arrangements Committee Chairman, Daniel R. Ernst, Georgetown University Law Center, 600 New Jersey Avenue NW, Washington, DC 20001; Tel. (202) 662-9475; Fax (202) 662-9444.

Also Noted:

The International Symposium Galdeano was held in Zaragoza, Spain 21-24 September 1994. Its theme was "Paradigms and Mathematics." For more information contact: Mariano Hormigon, Departamento de Matematica Aplicada, Facultad de Ciencias (Matematicas), Ciudad Universitaria, 50009 Zaragoza, Spain.

The University of Pittsburgh Center for Philosophy of Science presented its Third In-House Conference 30 September - 2 October 1994. For more information contact The University of Pittsburgh, Center for Philosophy of Science, 817 Cathedral of Learning, Pittsburgh, PA 15260.

The most comprehensive update on the latest research developments in the mapping and sequencing of human DNA was presented at the fifth annual international conference, Human Genome 1994 2-5 October 1994 in Washington, DC. For more information contact Ellen Cooper, Senior Communications Officer, American Association for the Advancement of Science, 1333 H Street NW, Washington, DC 20005. Telephone: (202) 326-6431, Fax: (202) 789-0455, internet: ecooper@aaas.org.

Recently Completed Dissertations

MEETING REPORTS

The Dibner Institute for the History of Science and Technology made possible another successful seminar at the Marine Biological Laboratory in Woods Hole, Massachusetts. The first week of August found historians, philosophers, and biologists gathered in this 106-year-old intellectual mecca to consider perspectives on issues of "Extinction." Organized by Ronald Rainger and Matthew Nitecki, the seminar ranged from ecological sessions directed by James Collins and Stuart Pimm to arguments about the nature/cause/significance of mass extinction in geological history, directed by Charles Officer and Karl Flessa to a session on environmental ethics and policy led by Bryan Norton. Naomi Oreskes presided over a thoughtful overview discussion, while the lively debates continued over lobster dinners, at the beach, during late evening poker games, and during the ferry trip to Martha's Vineyard. Participants came from seventeen states, with the distance award held by Fritz Rehbock from Hawaii.

These seminars are coordinated by Garland Allen, John Beatty, and Jane Maienschein and are fully supported by The Dibner Institute. For more information or to be placed on the mailing list for future seminars (next summer's session on History of Ecology and Conservation Biology), please contact either the coordinators or the Dibner Institute.

FELLOWSHIPS & GRANTS AVAILABLE

The Rockefeller Archive Center, a division of The Rockefeller University, invites for its program of Grants for Travel and Research at the Rockefeller Archive Center for 1995. The Competition program makes grants of up to $1,500 to U. S. and Canadian researchers and up to $2,000 to researchers from abroad in any discipline, usually graduate students or post-doctoral scholars, who are engaged in research that requires use of the collections at the Center. These include the records of the Rockefeller family, the Rockefeller Foundation, The Rockefeller University, and other philanthropic organizations and associated individuals. The deadline for applications is 31 December 1994; grant recipients will be announced in March 1995. Inquiries about the program and requests for applications should be addressed to Darwin H. Stapleton, Director, Rockefeller Archive Center, 15 Dayton Avenue, North Tarrytown, New York 10591-1598.

The American Philosophical Society invites applications for a doctoral dissertation fellowship in the history of the physical sciences in the twentieth century. The John Clarke Slater fellowship carries a stipend of $12,000. It is open both to candidates for the doctorate in the United States and to those in universities abroad who propose to spend the fellowship year in association with an American university past their preliminary examinations or the
equivalent. The deadline for applications is 1 December 1994. Telephone requests for applications forms cannot be honored; forms may be obtained by writing to: Slater Fellowship, American Philosophical Society, 104 South 5th Street, Philadelphia, PA 19106-3387.

The School of Historical Studies at the Institute for Advanced Study in Princeton, New Jersey is concerned principally with the history of western and near eastern civilization, with particular emphasis upon Greek and Roman civilization, the history of Europe, Islamic culture, and the history of art. Qualified candidates of any nationality specializing in these fields are invited to apply for memberships for one or two terms (September to December, January to April).

The School announces up to three memberships in the field of religious studies under a special program funded by the Mellon Foundation for the academic year 1995-96. Professor Peter Schäfer, Director of the Institut für Judaistik of the Freie Universität Berlin, is in residence as the two-year Visiting Mellon Professor at the Institute for the academic years 1994-96. During the second year, 1995-96, he will conduct a seminar on “Messianism” which will focus not only on the Jewish and Christian religions, but include similar phenomena in other religions, as well as related “secularized” manifestations. Scholars from various disciplines and with different methodological approaches are invited to apply.

Approximately forty visiting members are appointed each year. The Ph.D. (or equivalent) and substantial publications are required of all candidates. They may receive member awards funded by the Institute for Advanced Study or, when eligible, by the National Endowment for the Humanities and other sources.

Applications for 1995-96 are due by 15 October 1994. Further information and application materials may be obtained from the Administrative Officer, School of Historical Studies, Institute for Advanced Study, Princeton, New Jersey 08540.

The American Antiquarian Society (AAS), in order to encourage imaginative and productive research in its unparalleled library collections of American history and culture through 1876, will award to qualified scholars a number of short- and long-term Visiting Research Fellowships during the year 1 June 1995 - 31 May 1996.

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 John B. Hench, Director of Research and Publication, Room A, American Antiquarian Society, 185 Salisbury Street, Worcester, Massachusetts 01609-1634, or by telephoning (508) 752-5813 or 755-5221.

The University of Pennsylvania offers Mellon Postdoctoral Fellowships in the Humanities for younger scholars who, by 30 September 1995, will have received the Ph.D. but not yet held it for more than eight years nor been granted tenure. Research proposals are invited in all areas of humanistic studies except educational curriculum-building and performing arts. Preference is given to proposals that are interdisciplinary and to candidates who have not previously utilized the resources of this university and whose work would allow them to take advantage of the research strengths of the institution and to make contributions to its intellectual life. The award carries an annual stipend of $30,000, as well as a travel/research allowance. Completed applications and supporting material must be received by 15 October 1994. For further information and applications, write to: Chair, Humanities Coordinating Committee, c/o Margaret A. Viggiano, Program Coordinator, 16 College Hall, University of Pennsylvania, Philadelphia, PA 19104-6378. An Equal Opportunity, Affirmative Action Employer.

Applications are invited for Visiting Fellowships in the Humanities Research Centre in 1996. Each year the Centre concentrates upon a special theme. In 1996 the theme will be “Culture and Science.” The Centre intends to organize four conferences: The Tenth David Nichol Smith Conference on Eighteenth-Century Studies, “Margins and Metropolis: Literature, Culture and Science, 1660-1830” (early July); “Beyond Colonialism: a seminar on art history and anthropology in honor of Bernard Smith” (late July); “Science and Other Indigenous Knowledge Traditions” (Incorporating the Sixth Comparative Scientific Traditions Conference, to be held jointly with Deakin University’s Science in Society Centre and James Cook University, and based at the Cairns Campus of James Cook University in late August/early September; “The Natural and the Social Sciences” (mid-September).

Applications from scholars working in any area of the humanities are welcomed, as a proportion of each year’s fellowships is reserved for those without special interest in the year’s theme; the majority of fellowships, however, will be awarded to those whose work is relevant to the annual theme and its conferences. Fellows are expected to work at the Centre, but are encouraged also to visit other Australian universities. Grants usually include a travel component and a weekly living allowance.

Prospective applicants must obtain further particulars and application forms from the Centre Administrator, Humanities Research Centre, The Australian National University, Canberra, ACT, 0200, Australia. Fax (06) 248 0054. Applications should reach the Registrar, ANU, by 31 October 1994.

Postdoctoral Fellowships in history or philosophy of science, one-year only, beginning fall semester, 1995. Indicate interest in either history or philosophy of science. $25,000.00. EO/AAE. Send complete dossier, including statement of proposed research to: David L. Hull, Department of Philosophy, Northwestern University, Evanston, IL 60208. Deadline for application 15 December 1994.
The Bakken Library and Museum offers visiting research fellowships for the purpose of facilitating research in its collection of books, journals, manuscripts, prints, and instruments. The focus of the Bakken's collections is on the history of electricity and magnetism and their applications 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 is one week. The grants are open to all researchers and the deadline for applications for the coming year is 1 March 1995. For application guidelines and further information, please contact David J. Rhees, Executive Director, The Bakken Library and Museum, 3537 Zenith Ave. So., Minneapolis, MN 55416; Tel. (612) 927-6508.

The University of Oklahoma announces a junior- or senior-level Andrew W. Mellon Postdoctoral Fellowship for research and teaching in the area of the Historical Intersections of the Biological and Social Sciences. The Fellowship is open to candidates with doctorates in history, the history of science, or related fields. The program for the 1995-1996 academic year focuses on historical problems related to one of three areas addressing the convergence of the biological and human sciences: biology, behavior, and codes of human conduct; science, gender and sexuality; or theories of natural order rooted in the ecological and social sciences. The Mellon Fellow will have residence with the University's History of Science Department and the University Libraries' History of Science Collections. The Fellow will teach one undergraduate or graduate course in the Fellow's area of interest during the academic year. The fellowship carries a stipend up to $30,000, with benefits including a budget for travel and research expenses.

Applications should be postmarked by 20 January 1995. Contact: Dr. Gregg Mitman, History of Science Department, 601 Elm St., Rm. 622, The University of Oklahoma, Norman, OK 73019-0315; Tel. (405) 325-2213; Fax (405) 325-2363; E-mail: gmitman@uoknor.edu.

The Department of History at the University of Delaware offers two- and four-year fellowships for a course of study leading to an M.A. or Ph.D. degree for students interested in careers as college teachers or as professionals in museums, historical agencies, and archives. The University of Delaware-Hagley Program's focus is the history of industrialization, broadly defined. Students study social, labor, business, and economic history, material culture, and the history of science and technology. Historically, most students in the program have been interested in American industrial history, but the program also covers the industrialization of Europe and non-western societies. It takes a comparative approach to the global history of industrialization.

The Hagley Museum and Library, just a short drive from the University campus, provides students with unique opportunities to do primary research in manuscript, imprint, pictorial, and artifact collections and to study, observe, and experience museum work firsthand. For students pursuing careers as museum professionals, the University of Delaware sponsors a certificate program in museum studies.

Hagley Fellowships cover tuition for courses at the University of Delaware and provide a yearly stipend of $9,750 for master's candidates and $10,820 for doctoral candidates. Fellowships may be renewed once for those seeking a terminal master's degree and three times beyond the initial year for those seeking the doctorate. Hagley Fellows also receive support for travel to conferences, archives, and museums.

Application for a Hagley Fellowship can be made through the Coordinator, University of Delaware-Hagley Program, Department of History, University of Delaware, Newark, DE 19716, (302) 831-8226. The deadline for receipt of complete applications is 30 January 1995.

The Program in Biomedical Ethics at the University of Iowa College of Medicine announces a Multidisciplinary Visiting Fellowship program in molecular and clinical genetics. The fellowship program is funded as part of the ELSI (ethical, legal, and social implications) core of the Cooperative Human Linkage Center (CHLC). The CHLC is one of ten genome centers funded by the National Center for Human Genome Research at the NIH.

The fellowship program is intended for professionals (philosophers, historians, attorneys, nurses, etc.) who are not biological scientists, but who have demonstrated a strong interest in the ethical, legal, and social implications of molecular and clinical genetics, including work being done on the Human Genome Project.

A central feature of the fellowship program will be experiences gained in several genetics labs, including labs doing work on molecular genetics, cytogenetics, and prenatal diagnosis. The fellowship program will also include experiences gained in several clinical genetics settings. These experiences will afford the fellows the opportunity to observe the increasing connections among molecular genetics, clinical genetics, and ELSI-related issues and to increase their skills in analyzing the implications of genetic research.

The fellowship program will be available beginning in the fall of 1995. Fellowships will be for a minimum of two months and a maximum of four months, with the fellowship period occurring during the fall semester, the spring semester, or the summer. Fellows will receive $3,500 per month. Fellow selection criteria will include evidence of a productive professional career, previous interest in ELSI-related issues, and likelihood of
professional benefit. A maximum of three fellowships will be awarded.

Application deadline is 30 December 1994. Address inquiries and requests for applications to Jay R. Horton, Program in Biomedical Ethics, University of Iowa, 1-112 MEB, Iowa City, IA 52242-1000; Tel. (319) 335-9631; Fax (319) 335-8515; Email: jay-horton@uiowa.edu.

The American Council of Learned Societies Fellowship and Grant 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 1992 or equivalent is required. Younger scholars and independent scholars who do not hold academic appointments are strongly encouraged to apply. Also for humanities scholars holding the Ph.D., a newly-reinstated travel grant program is available to assist those taking formal part in international meetings abroad. 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 postdoctoral 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 requested either by mail or by fax. (Applications forms, however, will neither be sent nor accepted by fax.) Requests for an application form must contain the following information: country of citizenship or permanent residence, highest academic degree held and date received (graduate students should also indicate current level of graduate study), academic or other position, field of specialization, proposed subject of research, study or conference, period of time for which support is requested, and the specific program under which application is contemplated. Travel grant requests should also include the name, date and place of the meeting, as well as the role the applicant will have. For more information, write to the Office of Fellowships & Grants, American Council of Learned Societies, 228 East 45th Street, New York, NY 10017-3398; Fax (212) 949-8058.

A limited number of 1995-1996 Folger Shakespeare Library Fellowships are available for periods of research from six to nine months. Successful candidates will be advanced scholars who have made substantial contributions in their fields and whose research projects are appropriate to the collections of the Folger Shakespeare Library. NEH fellowships are restricted to United States citizens or to foreign nationals who have been living in the U.S. for at least three years. Folger Long-Term Fellowships are open to scholars from any country. Preference is given to applicants who have not held a major fellowship within three years prior to the proposed period of residency. Fellowships can carry stipends of up to $30,000.

Applicants should submit seven copies of each of the following: an application form, a 500-word description of the research project, and a curriculum vitae. Three letters of reference should be sent under separate cover to the Fellowship Committee. The deadline for application is 1 November 1994.

For information and application forms for NEH/Long-Term and Short-Term Fellowships, write to Carol Brobeck, Fellowship Committee, The Folger Shakespeare Library, 201 E. Capitol Street, S.E., Washington, DC 20003.

The American Institute of the History of Pharmacy is accepting applications now through 1 March 1995, for Fischelis Grants for Research in the History of Pharmacy. Projects by established scholars devoted significantly to historical understanding of the modern practice of pharmacy in the USA will be considered for part or all of the $5,000 to be awarded yearly.

The Fischelis granting program commemorates Robert P. Fischelis (1891-1981), an American pharmacist, administrator, author, educator, and benefactor of the AIHP. He served as the head of the American Pharmaceutical Association from 1945-1959. Dr. Fischelis, in establishing the Fischelis Fund of the AIHP, expressed his wish to stimulate more research in the contemporary history of American pharmacy. Previous projects supported by Fischelis funds include James Madison's 1989 biography of Eli Lilly (Eli Lilly: A Life, 1885-1977) and an analysis by Robert Mrtek of changes in the structure and practice of pharmacy in the United States since the Second World War.

Guidelines for making application should be requested from AIHP, Pharmacy Building, 425 N. Charter St., Madison, WI 53706-1508; Tel. (608) 262-5378. Fischelis Grants are not available to graduate or undergraduate students.

Graduate students can obtain guidelines for the AIHP's thesis support grants.

The American Institute of the History of Pharmacy is accepting applications now through 1 February 1995, for grants-in-aid to foster graduate research (master's or Ph.D. level) in its field.

The Institute offers grants-in-aid totalling $5,000 annually to graduate students to encourage historical investigation of some aspect of pharmacy, and to pay research expenses not normally met by the university granting the degree. Thesis projects devoted to the history of pharmacy, history of medicines, or other humanistic study strongly related to pharmacy or using a pharmaco-historical approach will be considered for part or all of the funds available.

Guidelines for making application should be requested from the American Institute of the History of Pharmacy, Pharmacy Bldg., 425 N. Charter St., Madison, WI 53706-1508; Tel. (608) 262-5378.

ALSO NOTED:

The Woodrow Wilson International Center for Scholars awards approximately 35 fellowships annually in an international
competition to individuals with outstanding project proposals representing the entire range of scholarship, with a strong emphasis on the humanities and social sciences. The Center especially welcomes projects which transcend narrow specialities.

Each fellow is assigned a furnished office available every day on a round-the-clock basis. The Center’s main offices are located in the original Smithsonian Institution Building, on the Mall in central Washington, a smoke-free space. Professional librarians provide access to the Library of Congress, university and special libraries in the area, and other research facilities.

The deadline for applications was 1 October 1994. Decisions on appointment will be made by 1 March 1995. Further information may be obtained from The Fellowships Office, The Woodrow Wilson Center, 1000 Jefferson Drive SW, SI MRC 022, Washington, DC 20560; (202) 357-2841; Fax (202) 357-4439.

FELLOWSHIP AND GRANT RECIPIENTS

The Alexander von Humboldt Foundation is pleased to announce the following fellowships: Cecilia Miller, Wesleyan University, and Christopher Ocker, San Francisco Theological Seminary, will receive research fellowships for long-term, collaborative research projects in Germany.

The Spencer Foundation has awarded a 1994 Spencer Dissertation Fellowships for Research Related to Education to Ian Corbyn for his work “The Very Model of a Modern Naval Architect: Changes in the Form and Meaning of Technical Education in Victorian Britain.”

David B. Brushwood, Professor of Pharmacy Health Care Administration, University of Florida College of Pharmacy, had been selected to receive the 1994 Fischelis Grant of the American Institute of the History of Pharmacy. Professor Brushwood will receive a $5,000.00 grant to support his research project, “A Critical Study of Eighteenth and Nineteenth Century Pharmacy-Related Litigation.”

William Eamon, Professor of History at New Mexico State University, has been awarded a Villa I Tatti Fellowship from the Harvard University Center for Renaissance Italian Studies, Florence, for research on science and popular culture in late-Renaissance Italy. Eamon’s research in Italy is also being supported by 3-year grants from the National Science Foundation and the National Endowment for the Humanities.

Thirty-six Charlotte W. Newcombe Dissertation Fellowship for 1994 have been announced be the Woodrow Wilson National Fellowship Foundation. The fellowships, designed to encourage study of ethical or religious values in all fields of study will permit a year of uninterrupted study and writing for students in the final stages of their graduate work. Each Fellow will receive a stipend of $12,500, plus an allowance toward medical insurance.


The Huntington Library, Art Collections, and Botanical Gardens have announced the recipients for study at the Huntington during 1994-95. Included are: Chandos M. Brown, associate professor of history, College of William and Mary, for his proposed research topic “Essays of the 18th-century British Naturalist Mark Catesby”; and Paul S. White, doctoral candidate in history, University of Chicago, for his proposed research topic “The Man of Science in Victorian England.”

Petra M. Pruna of the Centro de Estudios de Historia y Organización de la Ciencia “Carlos J. Finlay,” Academia de Ciencias de Cuba, has received a Senior Postdoctoral Fellowship from the Smithsonian Institution. He will be with the Institutional History Division, Office of Smithsonian Institution Archives, until July 1995. He may be contacted at the Joseph Henry Papers, MRC 429, Smithsonian Institution, Washington, DC 20560; telephone: (202) 357-2787.

Saul Fishir, University of New York, has been awarded a Fulbright grant to conduct research on scientific manuscripts of the seventeenth-century philosopher Pierre Gassendi in France. He is one of approximately 2,000 U.S. grantees who will travel abroad for the 1994-95 academic year under the Fulbright Program. Established in 1946 under Congressional legislation introduced by former Senator J. William Fulbright of Arkansas, the program is designed “to increase mutual understanding between the people of the United States and the people of other countries.” The program is administered by the U.S. Information Agency under policy guidelines established by the presidentially appointed J. William Fulbright Scholarship Board and in cooperation with a number of private organizations. Scholarships are awarded through open competition, with final selections made by the Foreign Scholarship Board. Thirty-seven foreign governments share in the funding of these exchanges. For further information about the Fulbright Program contact: U.S. Information Agency, Office of Public Liaison, 301 - 4th Street, S.W., Washington, DC 20547; telephone: (202) 619-4355.
News from the Executive Office

who is helping us with the annual meeting; he will continue to work with us during this academic year, helping with the preparation of the HSS Guide and planning upcoming annual meetings.

The office is an extremely busy one. In addition to handling the on-going activities of HSS committees, the office routinely handles forty daily requests for information concerning the Society, ranging from information about joining HSS to information about the Medecine planets! We have initiated several new activities during the past two years including the following: HSS "Sponsor-a-Scholar" project; HSS travel office (Travel Concepts, Sandra Courtney); handling the registration for the annual HSS meeting and the preparation of annual meeting programs; and serving as the home for HSS "in house" publications, including a variety of guides and reference materials. Our immediate plans include publishing an annual HSS Guide (members-only), preparing an HSS Operations Manual, and centralizing the bureaucratic aspects of the annual meeting within the Executive Office.

Our attempts to centralize many day-to-day functions of HSS are in recognition of the need to ensure that the Society run efficiently, especially in light of the steady growth in the Society and in the rules and regulations that govern such academic organizations. I need to remind you that

HSS is not a small society, but we rank 18th in size out of the 53 constituent societies in the American Council of Learned Societies. Our annual operation budget approaches $250,000 and our endowment is rapidly growing to $1.5 million. With this larger scale comes responsibility and the requirement to create a smooth-running organization. It is my commitment to continue the plans of Professor Holton and the direction of Professor Sokal.

Of course, my major concern is not how big we become but how well we serve you, the members of HSS. Please give us your advice and let us know if there are things we may do to help the Society work better for you.

Keith R. Benson

ISIS BOOKS RECEIVED

Quarterly Report to 2 June 1994

(continued from July issue)

Tolan, John. Petrus Alfonsi and His Medieval Readers. xvi + 288 pp., frontis., illus., tables, apps., bibl., index. Gainesville/Tallahassee: University Press of Florida, 1993. $34.95 (cloth); $16.95 (paper).

Trent, James W., Jr. Inventing the Freeb Mind: A History of Mental Retardation in the United States. (Medicine and Society, 6.) xii + 356 pp., illus., figs., tables, bibl., index. Berkeley/Los Angeles: University of California Press, 1994. $30.

Trimble, William F. Admiral William A. Moffett: Architect of Naval Aviation. (Smithsonian History of Aviation Series.) x + 338 pp., illus., tables, apps., bibl., index. Washington/London: Smithsonian Institution Press, 1994. $29.95.

Tuana, Nancy. The Less Noble Sex: Scientific, Religious, and Philosophical Conceptions of Woman's Nature. (Race, Gender, and Science.) xiv + 225 pp., illus., fig., bibl., index. Bloomington/Indiana: Indiana University Press, 1993. $29.95 (cloth); $12.95 (paper).


Tyson, Neil de Grasse. Universe Down to Earth. xvi + 277 pp., figs., bibl., index. New York: Columbia University Press, 1994. $29.95.


Vernet, Loup. La Malle de Newton. (Bibliothèque des Sciences humaines.) 487 pp., illus., figs., bibl., indexes. [Paris]: Gallimard, 1993. Fr 220 (paper).


Wheaton, Bruce R. Inventory of Sources for History of Twentieth-Century Physics: Report and Microfiche Index to 700,000 Letters. With the assistance of Robin E. Rider. x + 294 pp., figs., bibl., app., 62 microfiche. Stuttgart: Verlag fur Geschichte der Naturwissenschaften, 1992. $599.

Wheeler, John Archibald. At Home in the Universe. (Masters of Modern Physics, 9.) x + 371 pp., illus., figs., index. Woodbury, N.Y.: American Institute of Physics, 1994. $24.95.


Zavaraedhe, Mas'ud: Morton, Donald. Theory as Resistance: Politics and Culture after (Post)structuralism. (Critical Perspectives.) viii + 256 pp., illus., figs., bibl., index. New York/London: Guilford Press, 1994. $40 (cloth); $19.95 (paper).
Quarterly Report to 16 August 1994


Bennion, Elisabeth. Antique Hearing Devices. vi + 58 pp., illus., bibl. London/Brighton, Eng.: Vernier Press, 1994. £25 (cloth); £10 (paper).


Biezunski, Michel. Einstein à Paris: Le temps n’est plus... (Histoires de Science.) 222 pp., illus., bibl., index. Saint Denis: Presses Universitaires de Vincennes, 1991. (Paper.)

Boccardi, Nadiele. Per una filosofia della scienza sperimentale: La controversia Pasteur-Pouchet. 135 pp., bibl., index. Pisa: Edizioni ETS, 1993. (Paper.)

Böhme, Gerhard. Am Ende des Bachaonischen Zeitalters: Studien zur Wissenschaftsentwicklung. 494 pp., illus., figs., bibl. Frankfurt am Main: Suhrkamp, 1993. DM 29.80 (paper).


Brodie, Janet Farrel. Contraception and Abortion in Nineteenth-Century America. xvii + 373 pp., illus., figs., tables, bibl., index. Ithaca, N.Y./London: Cornell University Press, 1994. $33.95, £27.95.


Chapman, Carleton B. Order Out of Chaos: John Shaw Billings and America's Coming of Age. xviii + 420 pp., illus., index. Boston: The Boston Medical Library in the Francis A. Countway Library of Medicine, 1994. $28.95.


Dethloff, Henry C. Suddenly, Tomorrow Came...: A History of the Johnson Space Center. (The NASA History Series.) xii + 409 pp., illus., figs., tables, index. [Washington, D.C.]: National Aeronautics and Space Administration, 1993.

Dilg, Peter; Hartmut, Rudolph (Editors). Resultate und Desiderate der Paracelsus-Forschung. (Sudhoff's Archiv: Zeitschrift für Wissenschaftsgeschichte, 31.) 204 pp., figs., index. Stuttgart: Franz Steiner Verlag, 1993. DM 78, SwFr 78, ÖS 609 (paper).

Dotson, John E. Merchant Culture in Fourteenth Century Venice: The Zibaldone da Canal. (Medieval & Renaissance Texts & Studies, 98.) xii + 228 pp., illus., figs., bibl., index. Binghamton, N.Y.: Medieval & Renaissance Texts & Studies, 1994. $25.


Dyer, Betsey Dexter; Obar, Robert Alan. Tracing the History of Eukaryotic Cells: The Enigmatic Smile. (The Critical Moments in Paleobiology and Earth History Series; The Perspectives in Paleobiology and Earth History Series.) xiv + 259 pp., illus., figs., tables, apps., bibl., index. New York: Columbia University Press, 1993. $50 (cloth); $24 (paper).


Fantoli, Annibale. Galileo: For Copernicanism and for the Church. Translation by George V. Coyne. (Studi Galileiani, 3.) xx + 540 pp., illus., figs., bibl., index. Vatican City State: Vatican Observatory Publications, 1994. $21.95 (paper). (Distributed by the University of Notre Dame Press. Distributed in Italy and the Vatican City State by Libreria Editrice Vaticana.)

Fantoli, Annibale. Galileo: Per il Copernicaneismo e per la Chiesa. (Studi Galileiani, 2.) xvi + 447 pp., illus., figs., bibl., index. Vatican City State: Specola Vaticana - Libreria Editrice Vaticana, 1993. L. 60,000, $35.


Fernández-Carrón, Mercedes; García Montes, José Manuel; Molero Mesa, Joaquín (Editors). El Jardín Botánico de la Universidad de Granada. (Historia y Patrimonio, 3.) 177 pp., illus. Granada, Spain: Servicio de Publicaciones de la Universidad de Granada, 1993.Pts 2,500 (paper).


Field, J. V.; James, Frank A. J. L. (Editors). Renaissance and Revolution: Humanists, Scholars, Craftsmen and Natural Philosophers in Early Modern Europe. xvi + 291 pp., frontis., illus., tables, bibl., index. Cambridge: Cambridge University Press, 1993. $49.95.


Goldfarb, José Luiz (Editor). SBHC 10 Anos: Anais do IV Seminário Nacional de História da Ciência e da Tecnologia. 333 pp., tables, bibl. N.p.: Fundação de Amparo à Pesquisa de Minas Gerais, n.d. (Paper.)


Grant, Edward. Planets, Stars, and Orbs: The Medieval Cosmos, 1200-1687. xxiv + 816 pp., illus., tables, apps., bibl., index. Cambridge/New York: Cambridge University Press, 1994. $69.95.


Hall, A. Rupert. Science and Society: Historical Essays on the Relations of Science, Technology and Medicine. (Variorum Collected Studies Series.) x + 324 pp., frontis., illus., figs., bibl., index. Aldershot, Eng./Brookfield, Vt.: Variorum, 1994. $87.95.


Hills, Richard L. Power from Wind: A History of Windmill Technology. x + 324 pp., frontis., illus., figs., tables, bibl., index. Cambridge/New York: Cambridge University Press, 1994. $59.95.


Jones, Cheslyn; Wainright, Geoffrey; Yarnold, Edward; Bradshaw, Paul (Editors). The Study of Literacy. xxviii + 601 pp., illus., figs., tables, indexes. 1978.


Kohler, Robert E. *Lords of the Fly: Drosophila Genetics and the Experimental Life*. xvi + 321 pp., illus., tables, bibli., index. Chicago/London: University of Chicago Press, 1994. $45, L35.95 (cloth); $17.95, L14.25 (paper).


L'heure de deux physiciens: Coulomb (1736-1806) Foucault (1819-1868). (Sciences et Techniques en perspective, 27.) 202 pp., illus., figs., tables, app., bibli. Nantes: Université de Nantes, 1994. (Paper.)


Pindl-Büchel, Theodor. *Ramon Lull und die Erkenntnislehre Thomas de Mijsters*. (Beiträge zur Geschichte der Philosophie und Theologie des Mittelalters, new series, 35.) viii + 138 pp., illus., figs., app., bibli. Munster: Aschendorff, 1992. DM 36 (paper).


Rosenberg, Nathan. *Exploring the Black Box: Technology, Economics, and History.* x + 274 pp., figs., tables, index. Cambridge/New York: Cambridge University Press, 1994. $54.95 (cloth); $17.95 (paper).

Rupke, Nicolaas A. *Richard Owen: Victorian Naturalist.* xviii + 462 pp., illus., figs., tables, app., bibl., index. New Haven, Conn./London: Yale University Press, 1994.

Sabra, A. I. *Optics, Astronomy and Logic Studies in Arabic Science and Philosophy.* (Variorum Collected Studies Series.) xiv + 323 pp., illus., figs., index. Aldershot, Eng./Brookfield, Vt.: Variorum, 1994. $87.50.

Samso, Julio. *Islamic Astronomy and Medieval Spain.* (Variorum Collected Studies Series.) xiv + 335 pp., frontis., figs., tables, apps., bibl., index. Aldershot, Eng./Brookfield, Vt.: Variorum, 1994. $89.95.


Schweber, Silvan S. *QED and the Men Who Made It: Dyson, Feynman, Schwinger, and Tomonaga.* xxvii + 732 pp., illus., figs., table, bibl., index. Princeton, N.J.: Princeton University Press, 1994. $99.50, L65 (cloth); $39.50, L29.95 (paper).


(October 1994)