During the summer of 2001, the History of Science Society will introduce a total revision of its Web site. This restructuring of the Society's Web pages was driven by three goals: develop a more professional appearance of the site, simplify and revamp the architecture to facilitate navigation through the site, and position the Web site as a central source of information for the HSS.

The third goal—the site as information center—informed the overall reformulation. As the Internet plays an increasingly important role in the spread of information, and because the HSS is preparing a new Guide to the profession, it was decided to rebuild the site around the Guide. This met the need to create a Web resource that catered to our members, first and foremost, and also offered the public at large a detailed view of the profession.

The redesign was therefore undertaken in three steps: redesign the Web site and construct on-line databases for the Guide, update the information—in most cases, electronically—on the profession, and post on-line the searchable databases and HSS-related details. As this article went to press, the Society was in the second stage of the redesign.

The new site will consolidate much of the electronic information that has appeared since the preparation of the last Guide, while also emphasizing navigability and the ability to be updated on a regular basis. To that end, the electronic databases were designed for facility of use and for their adaptability in producing a printed version of the Guide. Because our members' needs were paramount in the redesign, we avoided the use of the latest Web languages that might not load on the older browsers that many of our members use. We also created a splash page that allows a text-only option for those who are connected to the Internet at speeds slower than 56K. This latter feature was also designed for our international members who use text translators.

Numerous considerations went into the front-page redesign. The new Society logo appears on the left-hand side of the page and will be used on a more consistent basis to raise awareness of the HSS. The site is simpler than the old site. The home page has been freed of clutter so that there are now four "hallways" or links to the site's contents: The Profession, The Society, Teaching & Research, and Annual Meeting. When users direct their cursors to each heading, a dropdown menu appears, offering various links to the site. It was important not only to maintain links to the most-used features of the site—such as the HST database and jobs and fellowships—but also to add some links, such as those that appear for Isis and Osiris.

Because the annual meeting links receive such heavy use, a vivid logo for the 2001 meeting in Denver appears when the cursor falls on "The Society," or on the HSS logo.

Another feature of the site will be the addition of a simplified e-commerce section for ordering books and for registering for the annual meeting. The new databases that are used for registration, for example, will not only brighten security for credit-card transactions, they will also streamline operations in the Executive Office, allowing more time for membership service.

When members click on one of the hallways, they will be taken to an interior page that has been designed for consistency and, again, ease of navigation. For example, most of the databases for the Guide to the profession will reside on one of the main interior pages. The exception to this will be the membership directory, which will still be housed at the University of Chicago Press.

It is hoped that these changes to the HSS Web site will result in a more pleasing venue for our members. As always, the Executive Office of the Society is here to serve the membership, and we encourage our members to contact us if they have any difficulties or questions regarding the site, or any other Society business.

Because a total revision of a Web site requires the coordination of many complex factors, we ask that our members be patient with us as we try to update and expand our information on the history of science community.
DENVER

2001 Travel Grant Applications

Travel Grants are available to graduate students and independent scholars who are presenting papers or are participating in societal governance at the 2001 HSS Annual Meeting in Denver. Preference will be given to HSS members and applicants who have not received funding in the past year. In order to be considered for a Travel Grant, applications must be received in the HSS Executive Office by July 1, 2001. An application can be found on page 32 of this publication, as well as on the HSS Web site (depts.washington.edu/hssexec/annualtravel.html). Electronic submission is strongly encouraged.

All travel support by an HSS Travel Grant should be arranged through the Society’s travel agent, Sandra Courtney. (Please note that those who are outside the U.S. are not eligible for a convention discount.) Travel grants cover travel to the meeting location only and are usually awarded to cover a portion of the travel costs. In addition, the Society will reimburse only those costs reported to the Society in the form of the HSS Travel Expense Report. HSS Travel Grant awardees should complete air travel on a U.S. flag carrier. As per National Science Foundation requirements, only travel on U.S. air carriers will be reimbursed. For additional information or inquiries, please contact the HSS Executive Office.

SANDRA COURTNEY
TRAVEL CONCEPTS, INC.
649 Strander Blvd., Suite 2, Seattle, WA 98188
Seattle Area: 206-686-1279; Toll Free: 877-474-2053
Fax: 206-575-4286
E-mail: setravel@comcast.com

HSS ANNUAL MEETING
8-11 November 2001
DENVER, COLORADO

Meeting Airfare Discount for Travel Between
31 October to 15 November
United Airlines: Meeting Code 502AG
Please call Sandra Courtney!
or United Airlines: 800-521-4841
5% off Non-Refundable and First Class Tickets
10% off Business Fares Booked in M Class/7 Days Advance
Additional 5% off if ticketed 60 days or more prior to travel

Rental Car Discounts

REMEMBER—The Isis Bibliography from 1975 to the present is available on-line with the Research Libraries Group (RLG). Members of the Society may access the RLG Web site, and the History of Science and Technology Database (HST) through the HSS homepage (depts.washington.edu/hssexec/). RLG has assigned us "Y6.G19" as a "User Name" and "HSSDEMO" as a "Password."
### HISTORY OF SCIENCE SOCIETY DONORS

**CONTRIBUTORS (Under $500)**

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| John Heilbrin                  | James E. McClellan III |
| Sally Gregory Kohlstedt        | Katharine Park       |

**COUNCIL OF FRIENDS OF THE SOCIETY ($1000-$1999)**

| Kathryn James                  | Mary Rossiter        |
| Lisbet Rausing                 | Marjorie Webster     |

**SARTON CIRCLE ($2500 and above)**

| Joseph Fruton                  | John W. and M. Virginia Servos |

(Please note that these donations include those made in honor of Margaret Rossiter to secure the future of The History of Women in Science Prize.)
CONFERENCE REGISTRATION FORM

**electronic registration is strongly encouraged**
depts.washington.edu/husexec/annual/register.html

Meeting dates are 8-11 November 2001

**Please note:** Conference registration does **not** include hotel reservations. To reserve a room at the conference hotel, please see page 5.

**Category** (please check one that applies): HSS Member: __________ Non-member: __________ Exhibitor: __________

**Name** (as will appear on name tag):

**Institution** (as will appear on name tag):

**Address:**

**City:** ______________  **State/Province:** ______________  **Zip/Postal Code:** ______________

**Country:** ______________  **Telephone:** __________  **E-mail:** __________

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**Banquet:**

Please circle meal choice:

- **Prime Rib:** $45.00  
- **Chicken:** $45.00  
- **Vegetarian:** $45.00

**TOTAL OF ALL CHARGES:**

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**Payment Information**

Conference Registration Form and payment by check, money order, or credit card must be **received by 6 October 2001** to take advantage of early registration rates. Return to HSS Executive Office, Attn: Annual Meeting Registration, University of Washington, Box 351330, Seattle, WA 98195-1330, USA. Phone: (206) 543-9366, Fax: (206) 685-9544, E-mail Address: husexec@u.washington.edu.

All Rates Listed are in U.S. Dollars. Full refund if requested by 6 October 2001.

- **Check** (U.S. dollars) payable to the: History of Science Society
- **Credit Card:** VS MC
  - Credit Card #: __________
  - Exp. Date: __________  Signature: __________
HOTEL RESERVATION FORM
The Adam's Mark Denver is pleased to welcome the
HISTORY OF SCIENCE SOCIETY, 8-11 November 2001

Schedule of Rates:  

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<td>Quadruple</td>
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Terms:  
- Room rates are subject to taxes, currently 13.45%.
- Check-in time is 3:00 p.m. and check-out is 12:00 p.m. Early check-in and late check-out subject to availability
- Children under age 18 are free when occupying the same room with an adult
- Cancellation notice for refunds is required 48 hours prior to scheduled arrival
- Special requests honored on a space-available basis
- Maximum four persons per room
- Concierge level accommodations are an additional charge of $40.00 per room subject to availability; includes continental breakfast

Name: ____________________________
Roommate(s) if applicable: ____________________________
Address: _______________________________________
City: __________________ State/Province: __________ Zip/Postal Code: __________
Country: __________________ Telephone: __________ Fax: __________

I will arrive on ___________ I will depart on ___________

☐ Single  ☐ Roll-away bed requested  ☐ Guarantee my room for late arrival. I have enclosed one night's room and tax deposit.

☐ Double (2 persons/2 beds)  ☐ Non-smoking room requested  ☐ Guarantee my room for late arrival. Please charge my credit card one night's room and tax. (Please circle credit card type below)

☐ Double (2 persons/1 bed)  ☐ Accessible room requested

Please make reservations no later than ___________.
Reservations will not be accepted without credit card guarantee or one night's deposit of room and tax.
If making reservations by phone DO NOT complete this form.

Payment Information:

Return this form directly to:
Adam's Mark
Denver
1550 Court Place
Denver, CO 80202

Or, to make reservations by phone call toll free 1-800-444-2326. 
Identify yourself as attending the History of Science Society meeting to receive the group rate. Reservations must be received by ___________.

Credit Card #: AX VS MC DC CB Discover
Exp. Date: ___________ Signature: ____________________________
IN MEMORIAM

On April 22, 2001, Wesley C. Salmon, University Professor Emeritus of philosophy, and professor emeritus of the history and philosophy of science at the University of Pittsburgh, was killed instantly in an automobile accident.

His wife, Merrilee Salmon, Pitt professor emerita of the history and philosophy of science, and of anthropology, was in the vehicle with him but survived uninjured.

An internationally renowned philosopher of science, Wesley Salmon was a much beloved colleague, teacher and friend whose premature death is a grievous loss to the local, national and international academic community.

The Federal Transit Administration’s National Transit Database provides measurements and financial data necessary for distributing formula grants. It also supplies data useful for state and local governments, transit-industry personnel, and academic institutions. The National Research Council’s “National Transit Database Study: A Review” evaluates the redesign of the database in such areas as use and timeliness of data. It is available for immediate release. For more information or to contact a committee member, contact Jennifer Wenger at 202-334-2138 or at news@nas.edu.

The History of Neuroscience Internet Forum (HISTNEUR-L) is an Internet forum for exchanging information on any aspect of the history of neuroscience. It includes announcements, inquiries, and discussions on access to historical sources and their use and interpretation. Membership is open to anyone interested in neuroscience history, including but by no means limited to historians, scientists, students, instructors, curators, publishers, archivists and librarians. The listserv is maintained for the benefit of the International Society for the History of the Neurosciences (ISHN) www.ishn.org, but is open to all. The HISTNEUR-L information and instruction sheet may be found at the following Web site: www.neurosciencearchives.org/histneur.htm.

NEWS AND INQUIRIES

List archives are maintained at neurosciencearchives.org/HLIMAGHL.htm.

The Wellcome Library is pleased to announce that the Medical Archives and Manuscripts Survey (MAMS) went online on 2 April 2001. MAMS provides a comprehensive and detailed guide to primary records for the history of medicine and health care held in archives and libraries in greater London, for the period from 1400 to the mid-20th century. Survey reports can be browsed and searched at www.wellcome.ac.uk/mams.

The RSLP project Navigational Aids for the History of Science, Technology and the Environment (NAHSTE) is pleased to announce the relaunch of its Web site, to be found at www.nahste.ac.uk. The new pages contain, amongst other things: a detailed breakdown of the project’s methodology, information about the collections being catalogued, sample ISAD and ISAAR records, abstracts from academic papers read at dissemination events, and the online newsletter.

The National Endowment for the Humanities has announced a new on-line panelist database called Prism. Potential panelists can now go to www.neh.gov/prism and complete a simple form which allows them to sign up to become panelists in the future. Even if they are currently in an existing database for panelists, they should complete one of these new forms. The new Prism database has the virtue of easy online completion as well as the capability of on-line updating in the future.

The DeWitt Statton, Jr. Museum of Medical Research and the National Human Genome Research Institute presented the second lecture in their History of Human Genetics series on 17 April 2001. The lecture was open to the public. The speaker was Daniel J. Kevles, and the title of his talk was “Patenting Life: Politics, Ethics, and the Law.” A reception followed. Professor Kevles is the Stanley Woodward Professor of History, Yale University. He is the author of numerous books, including Code of Codes: Scientific and Social Issues in the Human Genome Project and The Baltimore Case: A Trial of Politics, Science, and Character.

The Winter lecture series of the Medical Heritage Center (MHC) in the Prior Health Sciences Library at TheOhio State University included: Charles E. Rosenberg, Harvard University, “Contested Boundaries:

NEWS FROM THE BAKKEN LIBRARY AND MUSEUM

Now Available on Bakken Web site: Bibliography on “Electricity in Life”

The Bakken Library and Museum has published on its Web site a bibliography of 760 secondary works relating to the history of electricity in medicine and the life sciences. Subjects included in this bibliography are the histories of electrotherapeutics, electrophysiology, electrocardiology, bioelectricity, electrodagnosis, galvanosurgery, and electroencephalography. Entitled “Electricity in Life,” and compiled by David J. Rhee, Eric S. Boyles, and Mary Anne Andrei, the bibliography will be of interest to historians of science (both physical and biological sciences), technology (especially medical technology), and medicine, and to historians of related aspects of art, literature, spiritualism, and religion.

The bibliography is organized alphabetically by author and is searchable electronically by using the “Find” function under the “Edit” menu of most web browsers. In addition to secondary literature, there are separate sections devoted to bibliographies and reference works, guides to manuscript and archival resources, and modern editions of primary sources. Regular updates are planned, and scholars are encouraged to contribute additional citations via an e-mail link. “Electricity in Life” may be accessed via the “Research” page of The Bakken’s Web site, which is located at www.thebakken.org.

For more information, contact David J. Rhee, Executive Director, at 612-927-6508, or rhee@thebakken.org.
Behavior, Disease, and Diagnosis.” This was the inaugural lecture of the John Barnham Lecture Series in History of Medicine/Science held on 1 March 2001. It was jointly sponsored by the Department of History and MBIC. On 13 March 2001, Peter E. Dana, MD, Johns Hopkins University presented the Second Annual Warren Lecture entitled, “Hollywood’s Views of Doctors from the ’30s to the ’90s.”

Attention researchers in Cold War science/technology/nuclear history

An appeal from Sharon Ghamari
For the last five years, I’ve been pressing the cultural resource people at Hanford/DOE-Richland to consider nuclear historians and historians of cold war science and technology as irreplaceable, and important stakeholders in their Hanford History interpretative activities. Every year or so, I have to make the same argument to another new contractor, who is unaware of the rich literature in cold-war science/technology/nuclear history that has been published in the last 15 years in such journals as Isis, Technology and Culture, Social Studies of Science, and other specialist outlets. In order to make the case that more than a handful of researchers, especially junior scholars, are deeply interested in the history of the nuclear weapons production complex, I am compiling a list of people who have conducted research-written dissertations, books, or articles-on the topic. Scholars may send an e-mail message to Sharon Ghamari at sghamari@gsu.edu.

The American Historical Review is a member of the History Cooperative, which is a consortium of several journals that provide access on-line. Access to each journal is free to its individual and institutional subscribers, but for others there is a “research pass” at $10 for two hours, during which time articles can be downloaded. There is a discounted rate of $5 for two hours for those who are already subscribers to one journal in the database.

“Teaching the JAH” Web site

The Journal of American History has launched a new web initiative that uses on-line tools to bridge the gap between scholarly publishing and classroom teaching. The project, called “Teaching the JAH,” delivers “teaching packages,” each of which features an article from the print journal, along with supporting documents that demonstrate how it might be used in the U.S. history survey course. The additional materials might include images, audio and video clips, or excerpts from primary historical texts, depending on the targeted article. The author of the article also contributes a short piece describing how he or she has taught the topic using the documents included on the site.

The first installment features Constance Arenson Clark’s article, “Evolution for John Doe: Pictures, the Public, and the Scopes Trial Debate.” The article introduces the visual images of evolution used by scientists in the early twentieth century. It complicates the usual history of evolution by investigating the assumptions scientists incorporated into their diagrams, illustrations, and exhibits. The teaching package will invite professors to explore the history of science during their lectures on the Scopes trial.

“Teaching the JAH” is funded by the Indiana University Ameritech Fellows Program. Four installments will be produced semiannually over the next two years. The Web site is free to the public and can be

continued on page 8
The Journal of African Travel Writing invites contributions of work dealing with the long history and the current news of medicine and healing in Africa. Contributions, which may come from any field of intellectual inquiry and deal with any period, should connect this theme to African travel. Scholarly essays will be the principal focus. However, true narratives, short stories, poems, and presentations of primary documents will also be read with keen interest. Manuscripts in duplicate, and accompanied by S.A.S.E., should arrive before 30 September 2001. The Journal of African Travel Writing is an annual print journal sponsored by the Institute of African American Research at the University of North Carolina at Chapel Hill. Postal Address: Dr. Amber Vogel, Editor, The Journal of African Travel Writing, P.O. Box 346, Chapel Hill, NC 27514; e-mail: oshotwo@e-mail.unc.edu.

The Editorial Board of Osiris, a research journal devoted to the history of science and its cultural influences, solicits proposals for Volume 20, to appear in 2005. Osiris is a journal of the History of Science Society (USA) published by the University of Chicago Press. The Osiris Advisory Board will consider proposals for Volume 20 at the Society’s annual meeting in November 2001. Proposals for broad themes that integrate issues in the history of science into topics of “mainstream” history are especially encouraged, as are contributions from the historical discipline at large. Volume 17 (2002), edited by Lynn Nyhart and Thomas Bromian of the University of Wisconsin, is on science and civil society. Volume 18 (2003) will be on science and the city and is edited by Jens Lachmund and Sven Dieringer at the Max Planck Institute for the History of Science in Berlin. Volume 19 (2004) is on the theme of health and the environment and will be edited by Gregg Mitman of the University of Wisconsin. Prospective guest editors should submit the following materials for consideration: (1) a proposal of approximately 2000 words describing the topic and its relationship to the literature to date including, where appropriate, the literature in mainstream history; (2) a list of 12-15 contributors with the theme, topic, or title of contribution; and (3) publication curriculum vitae of guest editor(s). Guest editors and their contributors should be prepared to meet at the Osiris publication schedule. Volume 20 (2005) will go to press—after refereeing, authors’ revisions, and copy editing—in the fall of 2004. Guest editors must therefore choose contributors who are able to submit their essays by the late fall of 2003. Proposals are reviewed by the Osiris Advisory Board at the Society’s annual meeting. Announcement of the next volume of Osiris is made around the New Year. Proposals and all supporting materials should be sent by 15 October 2001 to: Kathryn M. Olesko, Osiris Editor, BMW Center for German & European Studies, Department of History, Georgetown University, Washington, DC 20057-1022. Preliminary inquiries should be made to Kathy Olesko at oleskoko@georgetown.edu.

Those who are interested in the history of communications might find it useful to check out the Marconi museum and archive Web site: www.marconicalling.com. The Marconi Collection housed at Cheltenham, UK, has never before been available to the public. This digital archive draws from the Collection and concentrates on the first 50 years of wireless from 1896 to 1946. It covers an important cross section of early equipment and experiments and contains a large collection of documents, around 700 photographs and 500 pieces of ephemera.

Medical Archives in Edinburgh

Edinburgh has played a leading role in the development of medical teaching, research and practice from the eighteenth century to the present day. The city also possesses extremely rich archive holdings relating to these areas, many of which are held in the Lothian Health Services Archive at the University of Edinburgh. These include institutional records of all major hospitals in the Edinburgh region; records of medical societies, charities and campaigns; clinical case notes; and personal papers of physicians, surgeons, nurses and other health workers. Chronological coverage extends from 1727 to the present. A comprehensive and fully searchable top-level listing of LHSA holdings is now available on-line at www.lhsa.lib.ed.ac.uk and will provide an invaluable resource to anyone interested in researching the history of medicine in the Edinburgh context.

History Matters Seeking U.S. History Syllabi

History Matters: The U.S. Survey on the Web (historymatters.gmu.edu) serves as a gateway to Web resources and offers unique teaching materials, primary documents and threaded discussions on teaching U.S. history. One of its goals is to make History Matters a space where teachers, too often isolated, can share strategies and resources. Toward that end, History Matters is soliciting from teachers contributions of annotated syllabi for the Syllabus Central section of History Matters. Authors of selected syllabi will receive an honorarium of $100. Syllabus Central contains annotated syllabi that demonstrate creative approaches to teaching U.S. History survey courses and are enhanced by teachers’ written reflections. Syllabi for high school and college-level U.S. History survey courses that include commentary on the specific experience of teaching the course, in the form of a brief introduction and several annotations, are needed. The syllabi should fit at least one of the following criteria: offer unusual approaches to teaching U.S. History courses (for example, courses organized around an interpretive theme, such as gender or race, or around a type of evidence, such as biography or visual sources); utilize active learning or student-centered techniques and assignments; or incorporate Internet or other new media resources. Syllabi must be annotated to be considered for inclusion in Syllabus Central. The syllabus does not need to be on-line already. For an example of an annotated syllabus please see historymatters.gmu.edu/syllabi/jafleeceino.html. History Matters requests a preliminary submission of a paragraph description of the course and the focus of your proposed annotations, and a resume or brief curriculum vitae. Please send these submissions to Ellen Noonan, American Social History Project/Center for Media and Learning, at econoon@gc.cuny.edu. Contact information: Ellen Noonan, American Social History Project/Center for Media and Learning, 365 Fifth Avenue, Rm. 7301.10, New York, NY 10016; tel.: 212-817-1969; e-mail: econoon@gc.cuny.edu; Web site: historymatters.gmu.edu.
COPENHAGEN
Finn Aarseth, Niels Bohr Archive

After some delay, the symposium based on Michael Frayn’s play “Copenhagen,” which was advertised in the July 2000 issue of this Newsletter, is scheduled for the 22 and 23 of September, 2001. The symposium – which is entitled “Copenhagen” and beyond: Drama meets history of science – is an expansion and continuation of a seminar held at the Niels Bohr Archive in November 1999, a full transcription of which can be read at the Archive’s web site (www.nbi.dk/nba; click on “Seminars” and move down to the event on 19 November 1999). Having recently ended its highly successful runs in London and New York as well as in several European countries, “Copenhagen” has just opened or will soon be opening in many other nations around the world, including Israel, Brazil, South Africa, Australia and Japan. Its contents and implications continue to be eagerly discussed, not least among historians of science.

On the first day of the symposium, Frayn will meet some of the historians of science who have written extensively on the events and issues taken up in “Copenhagen.” The main goal is to seek a common ground and to encourage further cooperation between dramatists and historians of science. Related issues, such as the reasons for the immense popularity of the play and its uses for the public dissemination of science, will also be taken up on the first day. Finally, directors and actors from various stagings, notably in the Scandinavian countries, will compare notes on how their productions were prepared and received.

On the second day, the relationship between drama and history of science will be discussed from a more general perspective. Older, well-known plays — such as Brecht’s “Galileo,” and Dürrenmatt’s “The Physicists” — as well as more recent drama will be brought into the discussion, to which some additional dramatists are being invited to take part. Even more generally, there may be a session placing the relationship between drama and history of science within the context of writing fiction versus writing history. Some historians of science will talk about their personal experiences in being involved in drama, and the role of drama in disseminating science to the wider public will be discussed.

One day of the symposium is expected to take place at the Niels Bohr Institute where Niels Bohr lived with his family from 1921 to 1932 and where Werner Heisenberg also lived and worked in the mid-1920s. The second day will be spent in the former Carlsberg Honorary Residence (now the Carlsberg Academy), where Niels and Margrethe Bohr lived from 1932 to 1962 and where the action of the play takes place. The format will be informal, with brief talks of maximum 20 minutes’ duration followed by panel discussion and questions from the audience. Participation as speaker or panel discussant is by invitation.

The symposium will be public and tickets will be required. Specifics about how to obtain tickets as well as about the developing program and other details will be posted on the NBI’s Web site. The event is made possible with funding from the Danish Ministry of Research, the Science Faculty of the University of Copenhagen and the Carlsberg Foundation.

HISTORY OF SCIENCE SOCIETY NEWSLETTER JULY 2001

THE SEVEN PINES SYMPOSIUM
Roger H. Stuewer, University of Minnesota

The Seven Pines Symposium is dedicated to bringing historians, philosophers, and physicists together for several days in a collaborative effort to probe and clarify significant foundational issues in physics, as they have arisen in the past and continue to challenge our understanding today.

The fifth annual Seven Pines Symposium was held from 30 May–3 June 2001, on the subject, “The Quantum Nature of Gravitation, Space, and Time.” It was held at the Ousting Lodge at Pine Point near Stillwater, Minnesota. The idyllic setting and superb cuisine make it an ideal location for small informal meetings. It is owned and operated by Lee Golblith, the founder of the Seven Pines Symposium.

Unlike the typical conference, twice as much time is devoted to discussions following the talks than to the talks themselves, and long mid-day breaks permit small groups to assemble at will. As preparation for the talks and discussions, the speakers prepare summarizing statements and background reading materials, which are distributed in advance to all of the participants. Twenty historians, philosophers, and physicists were invited to participate in this year’s symposium. James Glanz, science writer for the New York Times, also attended.

Each day the speakers set the stage for the discussions by addressing major historical, philosophical, and physical issues related to the quantum nature of gravitation, space, and time. In the morning of Thursday, 31 May, Nick Huggett (Illinois at Chicago) spoke on “Classical Notions of Space and Time” and John D. Norton (Pittsburgh) spoke on “Spacetime in General Relativity.” In the afternoon, Robert M. Wald (Chicago) spoke on “Observables and Singularities in Classical General Relativity” and Helge Knig (Aarhus) spoke on “Historical Roots of Quantum Gravity.” In the morning of Friday, June 1, Jeffrey Harvey (Chicago) and Amada Peet (Toronto) spoke on “The Nature and Status of String Theory.” In the afternoon, Donald Marolf (Syracuse) spoke on “Spacetime Structure in String Theory” and Carlo Rovelli (Marcelle) spoke on “Spacetime Structure in Loop Quantum Gravity.” In the morning of Saturday, 2 June, Karel V. Kuchar (Utah) and John Earman (Pittsburgh) spoke on “The Problem of Time.” In the afternoon, William G. Unruh (British Columbia) spoke on “Black Holes in Quantum Gravity” and Raphael Bousso (UC Santa Barbara) spoke on “Holography and Complementarity.” A closing discussion on Sunday morning, 3 June, was chaired by Roger H. Stuewer (Minnesota).

Lee Golblith, the symposium founder, has had a life-long interest in the history and philosophy of physics, which he has furthered through graduate studies at the Universities of Minnesota and Chicago. To plan the annual symposium, he established an advisory board consisting of: Roger H. Stuewer (Minnesota), Chair; Jed Z. Buchwald (MIT); John Earman (Pittsburgh); Geoffrey Hellman (Minnesota); Don Howard (Notre Dame); and Alan E. Shapiro (Minnesota). Also participating in the fifth annual Seven Pines Symposium were Abhay Ashtekar (Penn State), Jeremy Butterfield (Oxford), Michel Janssen (Minnesota), Serge Radar (Minnesota), and Rafael D. Sorkin (Syracuse).

The sixth annual Seven Pines Symposium will be held from 15-18 May 2002, on the subject, “Symmetry and Symmetry Breaking in Physics.”
LEMSELON CENTER
Travel to Collections Awards Program

The Lemelson Center was established at the National Museum of American History in 1995 through a generous gift from Jerome and Dorothy Lemelson. Jerome Lemelson held more than 500 patents for a range of inventions relating to robotics and machine vision to the VCR, camcorder, fax machine, and cordless telephone. The Center’s mission is to document, interpret, and disseminate information about American invention and innovation. The Lemelson Center’s Web site is at: www.si.edu/lemelson

The Travel to Collections Awards Program is designed to support research on the history of invention and innovation based on the extensive holdings of the Museum’s Archives Center and curatorial divisions. The Archives Center is a manuscripts and special collections repository with more than 10,000 feet of holdings that are particularly strong in personal papers and business records documenting the history of American enterprise and technology. It is open for research on weekdays but researchers must schedule an appointment. More information about the holdings is found at: www.si.edu/nmash/archives/ac-i.htm.

To encourage use of its invention-related collections, the Lemelson Center, in conjunction with the Archives Center, offers travel awards to cover transportation costs and daily expenses up to $75 a day for a maximum of 21 days. Scholars, graduate students, and independent researchers not residing or attending school within commuting distance of the National Museum of American History may apply for this program. Awards may not be used to extend other Smithsonian appointments. Only one award can be offered to a visitor within a twelve-month period. Decisions are made on the basis of recommendation and review by the Smithsonian staff.

The application deadline is 15 October 2001. Awards will be announced within two weeks of the deadline. Applicants should submit a completed application, a current curriculum vitae, and a statement of purpose of the visit. To request an application or for more information, contact: Alison L. Oswald, Archivist, Archives Center, NMASH, Room C340, Washington, DC 20560-0601; tel: 202-357-3790; fax: 202-786-2453; e-mail: oswalda@nmah.si.edu.

Mephistos 2001

From 30 March through 1 April 2001, twenty-five graduate student presenters plus thirty other attendees gathered at the University of Notre Dame for the nineteenth Mephistos Graduate Student Conference in History, Philosophy, and Sociology of Science, Technology, and Medicine.


Financial support, including about $4000 for travel grants, was generously provided by the Program in History and Philosophy of Science, the John J. Reilly Center for Science, Technology, and Values; and other academic units at the University of Notre Dame. The conference was organized by Notre Dame HPS graduate students Elizabeth Hayes, Keith LaFortune, and Ryan MacPherson, with assistance from fellow HPS graduate student Matthew Dowd and the previous year’s Mephistos organizer, Gary Kroll of the University of Oklahoma.

The Mephistos tradition dates to the early 1980s, when graduate students Lynn Nyhart at the University of Pennsylvania and Thomas Brostrom at Princeton University organized a “Mid-Atlantic Seminar in the History of Science.” Nyhart and Brostrom’s conference was then passed around to various eastern universities under the informal title “graduate student conference.” Following a “no faculty members allowed” policy, the conference sought to provide graduate students with a relaxed atmosphere for honing their skills without worry of making mistakes in front of potential future employers.

The first conference was held during the 1981–1982 academic year with the special aim of fostering communication between students at Penn and Princeton. About half a dozen graduate students delivered papers. This first conference ran on a $40 budget, spent mostly on donuts and soft drinks. As Nyhart recalls, “We paid for our own pizza.”

In the years that followed, the conference grew and also acquired a new name. By 1994, Harvard was hosting a conference known as “MEPHISTOS” and advertised as “the 13th Annual Graduate Student Conference in the History, Philosophy, and Sociology of Science, Technology, and Medicine.” Over 100 graduate students attended. During the 1990s, MEPHISTOS proved itself to be much more than a regional conference. Indiana University hosted in 1995, followed by Toronto (1996), UCLA (1997), Minnesota (1998), Oklahoma (1999, rescheduled for 2000), and, most recently, Notre Dame (2001). The UCLA conference included presenters from the United Kingdom, France, and Nigeria. Indiana, UCLA, and Notre Dame provided travel grants.

The origin of the name “MEPHISTOS” is uncertain. For a time, the conference was advertised as “MePHISTo8,” apparently an acronym for some of the key words in its descriptive subtitle: history, philosophy, and sociology of science, technology, and medicine. The 2001 conference committee at Notre Dame returned the conference “Mephistos,” with no acronym being intended. Whatever the name, the main intention remains the same as it had been in 1981. Mephistos provides an opportunity for graduate students to present papers, participate in discussions, and meet other students in related disciplines within a relaxed, informal setting. Mephistos is planned by graduate students, for graduate students.

Mephistos 2002 will be hosted at Virginia Polytechnic Institute and State University in Blacksburg, Virginia, 15-17 March. This will mark the 20th annual meeting of a conference that started when a handful of graduate students presented papers and munched on donuts and pizza.

Since that time, Nyhart and Brostrom, now married to each other and both professors at the University of Wisconsin–Madison, have been followed into this academic profession by many other Mephistos participants. If you are one of those persons and would like to contribute your Mephistos memories to the twenty-year history, or if you are a graduate student interested in presenting a paper at the 20th annual conference, please send an e-mail message to the Mephistos 2002 committee at meph2002@vt.edu.
National Humanities Alliance, Washington, D.C.

More than 130 humanists from universities, scholarly societies, museums, libraries, state humanities councils and other humanities organizations came to Washington, D.C., on 26-27 March to advocate the cause of the National Endowment for the Humanities under the banner of Jefferson Day 2001. The event was organized and sponsored by the National Humanities Alliance in collaboration with 22 other national organizations.

On 26 March, Jefferson Day 2001 began with a briefing at the Kennedy Center led by Catherine Rudder, Executive Director of the American Political Science Association and current President of the National Humanities Alliance. Jason Hall (American Association of Museums), John Hammer (NHA), Kathleen Kruse (Office of Senator Edward Kennedy), and Chris Topik (Majority Staff, Subcommittee on Interior and Related Agencies, Appropriations Committee) provided updates on policy and legislation impacting work in the humanities. A second panel composed of Kathy Bailey Mathae (Association of American Universities) and Bruce Craig (National Coordinating Committee for the Promotion of History) discussed the basics of advocacy. NEH Chairman William E. Ferris spoke about new initiatives and the importance of the National Endowment for the Humanities to strengthening teaching of humanities on all levels.

Senator Thad Cochran (R-MS) received the NHA’s Sidney R. Yates Award for Distinguished Public Service to the Humanities at a reception immediately following the briefing.

Playwright Arthur Miller was the 30th annual Jefferson Lecturer. His presentation, entitled “Politics and the Art of Acting,” was centered on the recent presidential election and his perceptions of the various roles played during the long-drawn-out process through which George W. Bush emerged as president.


Section "L": History and Philosophy of Science

Paul Farber, Secretary
AAAS

At the 2001 AAAS annual meeting in San Francisco, Science editor Donald Kennedy met with Section "L" (History and Philosophy of Science) to discuss the relationship of History and Philosophy of Science to Science. For a number of years the section has voiced its concern (or continued to grumble) about the reduced space given to book reviews (which have a high proportion of HPS books) and to articles in our fields in contrast to the situation a decade ago.

Dr. Kennedy gave a very positive presentation. He has increased the number of pages devoted to book reviews and will consider enlarging it further. He also indicated that he would look into the possibility of bringing back the annual book issue. More important, he recognized the significance of the lack of someone from the HPS community on the Board of Reviewing Editors and said he would welcome recommendations for someone to be added. It has been a long time since anyone from the HPS community was on the editorial board, and Dr. Kennedy’s openness presents a valuable opportunity that shouldn’t be missed. The Section hopes that the appropriate societies and their members will act on this.

Dr. Kennedy, furthermore, said he would welcome suggestions for editorial, offers to write an editorial (600-700 words), or suggestions of people to write on topical and/or important issues. He added that he would welcome articles and reports from the HPS community. Articles should be, of course, of broad interest, and reports should be focused on "new" discoveries, insights, etc.

Science has been seen by many as relatively closed to HPS, but it appears that with the change in editors a new situation presents itself to us. We should make the most of this opportunity.

Editor’s Note: The Executive Committee of the HSS, after consultation with other members of the HPS community, discussed this issue at its spring meeting. A recommendation will soon be sent to Dr. Kennedy. Our thanks to Paul Farber for heightening awareness of this matter.

HSS Endowment Drive Update

The year 2000 marked the final installment by the family of Joseph Hazen (The Hazen-Polsky Fund) of four annual $25,000 contributions to the History of Science Society. These funds will reside in the Society’s endowment, with the proceeds earmarked to support the Society’s Committee on Education, the Society’s annual Hazen Prize and other initiatives. At the same time, the Hazen family has challenged members of the History of Science Society to match this generous contribution. To date, we have received almost $5,000 from friends and members of the HSS. This is a wonderful response for the early stages of the campaign. Please consider making a substantial contribution to the Society, especially since this is the first Society-wide endowment campaign since the late 1980s. Let us enter the new millennium with a boost to our endowment. Contributions may be sent to the HSS Executive Office, Box 351330, University of Washington, Seattle, WA 98195.

Special Membership Offer for 2001–2002!

Were you a full ordinary member of the British Society for the History of Science, Canadian Society for the History and Philosophy of Science or History of Science Society in 2000? If you JOIN either of the other two societies as a new member, you may do so at a 50% discount on the full member rate for 2001 and 2002. If you were formerly a member of either of the other two societies but your membership ceased after December 31st 1998, you may REJOIN that society at a 50% discount on full member rate for 2001-2002. To participate in this special offer, you should contact the society you wish to join directly. Institutional memberships are excluded from this offer, as are those who already enjoy discounts as student, retired, or family members. For more details, please visit the HSS Web site at: web dickinson.edu/hssexec/
Princeton University's Program in History of Science is pleased to announce two new appointments. D. Graham Burnett, who holds a Ph.D. from the University of Cambridge and has recently published *Masters of All They Surveyed: Exploration, Geography, and a British El Dorado* (Chicago, 2000), will join the Department of History as an assistant professor in the fall of 2001. Michael Gordian, whose just-completed dissertation at Harvard University is a cultural biography of Mendeleev, will join the faculty as assistant professor in the fall of 2003, following his tenure as a Junior Fellow of Harvard's Society of Fellows.

Edward B. Davis (Messiah College) has received a grant from the John M. Templeton Foundation to support the preparation of an edition of rare pamphlets on religion and science written by major American scientists and theologians in the 1920s. The research phase of this project was supported by a grant from the National Science Foundation.

The National Institutes of Health History Office and Stetten Museum is pleased to announce that two scholars have been named DeWitt Stetten, Jr., Memorial Fellows in the History of Biomedical Sciences and Technology for 2001-2002. Ingrid Farreras, who recently received her Ph.D. from the University of New Hampshire in its History of Psychology program, will research the history of the Laboratory of Psychology in the National Institute of Mental Health, 1954-present.

Dr. J. Rosser Matthews, currently on the faculty of the Department of the History of Medicine at the University of Wisconsin-Madison will undertake a project titled, "Birth Asphyxia and Cerebral Palsy: A Controversial Relationship on the Interface Between Science and Policy." As a part of this work, Dr. Matthews will examine research conducted in the intramural laboratories of the National Institute of Neurological Diseases and Stroke. For information about the Stetten Fellowships, please consult the Web site at www.nih.gov/od/museum/grants/.

Jacob Darwin Hamblin, whose dissertation is entitled, "Oceanography and International Cooperation during the Early Cold War," received his Ph.D. from the Program in History of Science, Department of History, University of California, Santa Barbara, under the direction of Lawrence Badash, in June 2001. He will spend the 2001-2002 year as a postdoctoral researcher at the Centre Alexandre Koyré in Paris, continuing work on the connections between marine science and geopolitics during the Cold War.

George B. Kaufman (California State University, Fresno), on the occasion of his 70th birthday, has been honored by the S. I. Vavilov Institute for the History of Natural Science and Technology of the Russian Academy of Sciences with a Laudatory Degree. It cites his "contributions to chemistry and the history of chemistry, especially to his notable pioneering work on the history of Russian inorganic chemistry and his investigations of the role of Russian inorganic chemists." He has also been commissioned to write histories of two divisions of the American Chemical Society (to appear in its forthcoming 125th anniversary volume) and biographies of five leading American chemists (to appear in his feature, "Kaufman's Chemical Corner" in the magazine Chemical Heritage).

Professor Daniel J. Kevles has moved to the Department of History at Yale University, where as of 1 July 2001, he will be the Stanley Woodward Professor of History.

The Historical Collections Department of the New York Academy of Medicine Library announced the winners of its 2001 competitions for Research Fellowships in the Academy Library. The Paul Klemperer Fellowship in the History of Medicine will go to Kenton Kroeker, Ph.D., postdoctoral fellow at McGill University. Dr. Krocker's project is entitled "The First Modern Plague? An Historical Examination of the Role of Epidemic Encephalitis in the Development of Neurology and Public Health in the United States, 1919-1939." The recipient of the Audrey and William H. Hendrick Fellowship in the Medical Humanities is Michael Blackie, a doctoral candidate in English at the University of Southern California, for work on his dissertation, "Lost Cures: The Fictions and Culture of Regeneration."

Gregg Mitman has been appointed professor of the history of science, the history of medicine, and science studies at the University of Wisconsin-Madison.


Jon H. Roberts has been appointed professor of history at Boston University, where he will be teaching American intellectual history and the history of science.

Sydney Ross, emeritus professor of chemistry, received the honorary degree of Doctor of Science from the Heriot-Watt University, Edinburgh, Scotland on 6 July 2001, which happened to be his 86th birthday. He was cited for his distinguished career in science and for his outstanding role in developing the James Clerk Maxwell Foundation. Ross taught at the Rensselaer Polytechnic Institute for 31 years plus 10 years of active retirement. During that time he published extensively and supervised 32 doctoral dissertations. In 1977 he created the James Clerk Maxwell Foundation to commemorate the great Scots scientist.

Professor M. Norton Wise at the University of California, Los Angeles, has been elected to membership in the America Academy of Arts and Sciences. This year's election continues the Academy's tradition of honoring intellectual achievement, leadership, and creativity. The new class is composed of 183 Fellows, along with 24 Foreign Honorary Members from 16 countries.
nations. New Fellows are nominated and selected by current members of the Academy. Members are divided into five broad classes: I) mathematics and physics; II) biological sciences; III) social sciences; IV) humanities and arts; and V) public affairs, business. This year’s new Fellows will be welcomed as members at the annual Induction Ceremony, scheduled to be held at the Academy’s headquarters, in Cambridge, Massachusetts, on 13 October 2001. Professor Wise’s research extends over 18th-20th century history of physical science. He has concentrated on the role of technologies as resources for explanation in various periods.

2001 ELECTION RESULTS

The ballots have been counted and recounted, and we are pleased to announce the results:

Vice President
Michael M. Sokal

Council
William B. Ashworth
Mary Susan Lindee
Joan L. Richards
James E. Secord
Michael H. Shank

Nominating Committee:
At Large
Jan V. Golinski
Liba Taub

Nominating Committee:
From Council
Janet Browne
Gregg Mitman
Robert S. Westman

We wish to thank all of those who allowed their name to be put forward for nomination and all of those who voted. We also wish to give special thanks to the 2001 Nominating Committee: Sally Gregory Kohlstedt, chair; Edith Dudley Sylla; Kathryn Olesko; Pamela Smith; and Alan Shapiro.

HSS Sponsor-a-Scholar Program

___ Yes, I would like to sponsor the scholar I have listed below.
___ Yes, please choose a scholar for me.
___ Yes, please renew my sponsorship of the scholar named below.

Scholar’s Name:

Address:
City: Country:
Postal Code:

Sponsor’s Name:

Address:
City: Country:
Postal Code:
Telephone: Email:

Amount Enclosed: $35 annually for each scholar sponsored

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

For further information about this program, please contact the HSS Executive Office at the following: tel.: 206-543-9366; e-mail: hssexec@u.washington.edu.

Thanks to those HSS members who are supporting the Sponsor-a-Scholar Program in 2001!

Michele L. Aldrich
Lawrence Badash
Alan C. Bowen
Stephen G. Brush
David C. Cassidy
Peggy Chumlin
H. F. Cohen
Jonathan Coopersmith
Angela Creager
Lorraine Daston
Michael A. Dennis
Ron Doel
Bruce Eastwood
Loren Graham
Frederick Gregory
Benjamin Harris
J. L. Heilbron
Erwin N. Hiebert
Gerald Holton
Joel Howell
E. S. Kennedy
Bruce Lobitz
James E. McClellan, III
Michael Miao
John L. Michel
Naomi Oreskes
Nathan Reingold
Joan L. Richards
Sylvan Schweber
John W. Servos
Scott Spear
Virginia Trimble
Sallie A. Watkins
Kathleen Whalen
JOBS

We invite you to peruse our electronic site (deptswashington.edu/hoexec) for listings of history of science-related job opportunities, fellowships and grants, and prizes. The following announcements have been edited for space. For full descriptions and the latest announcements, please visit our Web site. The Society does not assume responsibility for the accuracy of any item, and potential applicants should verify all details, especially closing dates, with the organization or foundation of interest. For those who wish to publicize a job, fellowship/grant, or prize, please send an electronic version of the posting to the following e-mail address: hoexec@u.washington.edu.

EDISON PAPERS POSITIONS

Historians/Documentary Editors. The Thomas A. Edison Papers seeks full-time assistant editors for both book/text and microfilm/image editions. Faculty appointments (without tenure). Minimum ABD in American History or appropriate allied field, preferably 1865-1930. Aptitude for technical subjects (chemistry, electricity) and/or training or experience in documentary editing is advantageous; the ability to work in close collaboration with a team of historical editors is necessary. Send curriculum vitae with names and telephone numbers of three references to: Thomas A. Edison Papers, Rutgers, The State University, 44 Road 3, Piscataway, NJ 08854-8049. Application review will begin 1 July 2001 and continue until appointments are made. Preferred starting date 1 September 2001. AA/EOE.

Historian/Editorial Project Director. The Thomas A. Edison Papers, a leading documentary editing project at Rutgers University, is seeking a director. Desirable credentials include: preferably in History (Technology, Business, American, Science, or other); editorial experience a plus. Responsibilities include coordinating administration with Rutgers and outside agencies, planning, personnel, and fundraising (public and private). Will work closely with experienced editorial teams to produce microfilm, book, and on-line editions (edisons.rutgers.edu). Salary and rank commensurate with experience and qualifications. Send curriculum vitae and three letters of reference to: Thomas A. Edison Papers, Rutgers, The State University, 44 Road 3, Piscataway, NJ 08854-8049. Application review will begin 1 July 2001 and continue until appointment is made. Preferred starting date 1 September 2001. AA/EOE.

The Department of Social Studies of Medicine of McGill University seeks an assistant professor in the history of medicine (tenure track) in the nineteenth and twentieth centuries. The successful candidate must have a Ph.D. and publications (an MD would be an additional asset) and must be able to function in both the medical milieu and an interdisciplinary social science environment. We will consider all areas of research interest compatible with the core strengths of the Department in comparative medical systems and medical knowledge in the 20th century. Curriculum vitae and three letters of reference should be sent by 31 December 2001, to Faculty Search Committee, Department of Social Studies of Medicine, McGill University, 3655 Drummond Street, Montreal, P.Q. H3G 1Y6, CANADA. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. McGill University is committed to equal opportunity in employment.

The Institute for the History of Science at Göttingen University seeks an assistant professor in the history of science (3 years renewable; salary according to civil service pay bracket C 1). The successful candidate must have a Ph.D. Field of specialization is open, but research should be compatible with the core interests of the institute and preferably draw on the historical resources of Göttingen University. Teaching duties include a survey course in the history of the exact sciences. A letter of application, curriculum vitae, and the names of three referees (but no samples of written work) should be sent by 15 October 2001, to Professor Nicolaus Rupke, Göttingen University, Institute for the History of Science, Humboldtallee 11, D-37073 Göttingen, Germany. Further information may be obtained at this address, as well as by e-mail (rupke@gwdg.de) or by checking the institute's home page at www.gwdg.de/-ihwgi. Göttingen University is an affirmative action institution; given appropriate qualifications, women receive preferential treatment in fields in which they are underrepresented, given equal qualifications, people with disabilities will be accorded priority.

University of Washington. In anticipation of approval to conduct a search beginning this summer, the Department of History at the University of Washington announces plans to fill a tenure-track assistant professorship in history of science, with a focus on early modern Europe. Candidates will be expected to teach survey courses as well as undergraduate and graduate classes in their areas of scholarly specialization, and to participate in the University's interdisciplinary undergraduate major in history and philosophy of science. We intend to collect applications this fall and to interview candidates at the November History of Science Society meeting. For information, contact Professor Bruce Hevly, History Department, Box 352560, University of Washington, Seattle, WA 98195; e-mail: hevly@u.washington.edu. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. AA/EOE.

History of Science. The Department of History at Yale University intends to appoint an Assistant or Associate Professor in the history of the physical sciences beginning 1 July 2002. Field and period are open, but preference will be given to applicants knowledgeable about the history of physics and/or chemistry in the European tradition since 1800. The search committee will begin considering applications on 15 October 2001. Yale University is an equal opportunity/affirmative action employer and actively encourages applications from minority and women scholars. Ph.D. preferred by the time of appointment. Applicants should send a curriculum vitae, graduate transcript, three letters of recommendation, and a statement about their work and professional plans to Professor Daniel Kevles, Chair, History of Science Search Committee, Department of History, Yale University, P.O. Box 208324, New Haven, CT 06520-8324; tel.: 203-432-1356; fax: 203-436-4624.

The Max Planck Institute for the History of Science announces three openings for research fellows. This new group will
be responsible for the planning, development, implementation and scholarly evaluation of digital research projects at the Institute. We are looking for persons with university degrees, personal experience with research in the humanities, and sufficient qualifications in the area of information technology. A good working knowledge of English is required. The positions are paid according to the valid German scale for wissenchaftliche Mitarbeiter, which corresponds approximately to the assistant/associate professor level. Women are encouraged to apply. Qualifications being equal, preference will be given to candidates with disabilities. Applicants are requested to include a description of their previous work in information management and/or the humanities along with the usual documents (recommendations, curriculum vitae, list of publications). Applications should be sent not later than 31 July 2001 to: Max Planck Institute for the History of Science, Verwaltung, Kennwort 1T, Wilhelmstrasse 44, 10117 Berlin, GERMANY.

**RESEARCH OPPORTUNITIES**

The Manchester University Centre for the History of Science, Technology and Medicine and Wellcome Unit for the History of Medicine announces three research opportunities.

**History of Cancer.** We are looking for a postdoctoral fellow in (or around) history of medicine (or Ph.D. expected soon) to take part in a projected program on the history of cancer in the later 20th century. The application will be made in August 2001 and if successful the program will begin in early 2002; the fellow would probably begin work sometime in 2002, for three years. We are interested in the historical framing of different cancers—through diagnostic and therapeutic modalities, but also through epidemiology, public education etc. The fellow will work chiefly on British material, including the rich Manchester Archives, but the program is intended to be in part comparative and we have close links with historians of cancer in France, Germany, the Netherlands and the USA. Please send a letter and a full curriculum vitae, plus the names of three referees (and any samples of work), as soon as convenient, to John Pickstone at the address below. E-mail preferred. For details of the department/Unit and the research interests of staff, see our Web site at www.man.ac.uk/chom.

**Ph.D. in History of Occupational Disease.** In association with CHESTM/Wellcome Unit, the History department is offering a funded Ph.D. (3 years) in the History of the Health of Textile Workers. The intention is to focus on 19c Lancashire, but other definitions, including comparative studies may be possible. If you are interested and well trained in history, preferably to Masters level, apply as for above.

**Short-term Research Assistance on Archives of Manchester Doctors.** We have funding for 2-3 months work on the Manchester Medical collection in the University Library, for sorting and cataloguing papers, and for bringing the archive up to date by collecting papers (and interviews) from retired doctors and academics. The work could be done part-time, but should start this summer. The post could suit someone with graduate training in history of medicine or a related area, and an interest in oral history. Apply as for above.

John V. Pickstone, Centre for the History of Science, Technology and Medicine and Wellcome Unit for the History of Medicine, Mathematics Tower, University of Manchester, MANCHESTER, M13 9PL, UK; tel. 44 (0)-161-275-5926/5850; fax: (0)-161-275-5699; Web site: www.man.ac.uk/chom.

**SEARCH FOR NEXT HSS EDITOR BEGINS**

The History of Science Society’s Committee on Publications is now searching for the next Editor of the Society. The Editor—who is responsible for the society’s two journals, Isis and Osiris, and the annual Current Bibliography volume (nearly 1,500 pages/year)—will serve a five-year term, from 1 January 2004 to 31 December 2008, with the possibility of extension. As an Officer of the Society, the HSS Editor also serves as an active voting member of the HSS Council and of the Executive Committee and attends meetings of these bodies and of the Committee on Publications. It is expected that, during the term of the Editor, the University of Chicago Press will continue to publish Isis, Osiris, and the CB. Candidates for Editor will need strong institutional and collegial support to perform a wide variety of editorial tasks. These tasks include: serving as Editor of Isis; managing the Isis Editorial Office; either serving as Editor of Osiris as well as Isis or selecting and overseeing the associate editor for Osiris and its Editorial Office; and overseeing the HSS Bibliographer and the CB Editorial Office. The current Isis Editorial Office includes the Editor, a Managing Editor, a Book Review Editor, and two graduate assistants, plus a Manuscript Editor (an off-site full-time employee of HSS) and freelance copyeditors and proofreaders. The History of Science Society is able to provide major financial support for the Editorial Office through the Dibner Fund, but the Editor’s institution is expected to provide significant support as well. Potential editors should contact Karen Reynolds, Chair, HSS Committee on Publications, for additional information as soon as possible (Karen Reynolds, 127 Southgate Rd, New Providence NJ 07974; tel.: 908-464-0714; fax: 908-464-6814; e-mail: reynolds@openix.com). Preliminary proposals for the position should be sent as soon as possible and by 1 January 2002 at the latest. The Committee will respond to these proposals and request revised proposals, with budgets and proposals for staffing, which will be due 1 March 2002; final proposals, due 1 October 2002. Interviews of finalists will take place just before or at the HSS Annual Meeting in Milwaukee, 7-10 November 2002.

**FUTURE HSS MEETINGS**

**DENVER, CO**
8-11 November 2001

**MILWAUKEE, WI**
7-10 November 2002

**CAMBRIDGE, MA**
20-23 November 2003

**AUSTIN, TX**
18-21 November 2004

Please note that electronic contact information for the HSS Executive Office will be changing when the office switches to its new URL: hssonline.org.
GRANTS, FELLOWSHIPS AND PRIZES

The American College of Obstetricians and Gynecologists and Ortho-McNeil Pharmaceutical Corporation jointly sponsor two $5,000 fellowships in the History of American Obstetrics and Gynecology each year. ACOG members and other qualified individuals are encouraged to apply. The recipients of the fellowships spend one month in the Washington DC area working full-time to complete their specific historical research project. Although the fellowships will be based in the ACOG History Library, the fellows are encouraged to use other national, historical, and medical collections in the Washington DC area. The results of this research must be disseminated through either publication or presentation at a professional meeting. Applications and further information about the fellowship can be obtained by contacting: The American College of Obstetricians and Gynecologists, Mrs. Susan Richworth, History Librarian/Archivist, 409 Twelfth Street, SW, Washington, DC 20024-2588; tel.: 202-863-2578 or 202-863-2518; fax: 202-484-1595; e-mail: arsh@acog.org. Application must be received by 1 October 2001. Selection will be made and the recipient notified as soon as possible after the deadline so that the fellowship may begin as early as Winter, 2001.

AMERICAN PHILOSOPHICAL SOCIETY RESEARCH PROGRAMS

Franklin Research Grants
Eligibility: Applicants are normally expected to have a doctorate, but applications are accepted from persons whose publications display equivalent scholarly achievement. Grants are never made for pre-doctoral study or research. A limited number of awards can be made to persons who have held the doctorate for less than one year.
Scope: Proposals may be in all areas of scholarly knowledge except those in which support by government or corporate enterprise is more appropriate. The program does not accept proposals in journalistic writing; for the preparation of textbooks, or teaching aids; or the work of creative and performing artists.
Maximum award: $6000 for 1 year or $12,000 for 2 years.
Deadline: 1 October 2001; decisions are reached in late January.
Sloan Fellowship in the History of Modern Physical Sciences
Eligibility: Candidates must have passed all qualifying examinations for the doctorate. Foreign nationals must expect to spend the year in association with an American university or research institution.
Scope: For a doctoral dissertation in the history of physical sciences in the twentieth century. Fields include: chemistry, geology, geography, applied mathematics, and physics.
Award: $12,000 for one year only.
Deadline: 1 December 2001; notification in March.

Library Resident Research Fellowships
Eligibility: Applicants must demonstrate a need to work in the Society’s collections for a minimum of one month, and a maximum of three months. Applications are accepted from persons whose normal place of residence is farther away than a 75-mile radius of Philadelphia. Applicants do not need to hold the doctorate.
Stipend: $2000 per month
Deadline: 1 March, for decision by May

Information: write for details to Library Resident Research Fellowships, American Philosophical Society Library, 105 South 5th Street, Philadelphia, PA 19106-3386. Telephone inquiries to 215-440-3400 must specify the Library Resident Research Fellowships. All information, and forms, for all of the Society’s programs can be downloaded from our Web site, www.amphilsoc.org. Questions concerning the eligibility of a project, or the use of funds are accepted at 215-440-3429 for all programs except the Library Resident Research Fellowship. For the Library Resident Fellowship, calls are taken at 215-440-3400; ask not to be transferred to the fellowships office, but to the person in charge of the Library Resident Research Fellowships.

For all programs except the Library Resident Research Fellowship, Committee on Research, American Philosophical Society, 104 South 5th Street, Philadelphia, PA 19106. The e-mail address for grants inquiries is evosch@amphilsoc.org; include a postal address.

The Center for History of Physics of the American Institute of Physics has a program of grants-in-aid for research in the history of modern physics and allied sciences (such as astronomy, geophysics, and optics) and their social interactions. Grants can be up to $52500 each. They can be used only to reimburse direct expenses connected with the work. Preference will be given to those who need funds for travel and subsistence to use the resources of the Center’s Niels Bohr Library (near Washington, DC), or to microfilm papers or tape-record oral history interviews with a copy deposited in the Library. Applicants should name the persons they would interview or papers they would microfilm, or the collections at the Library they need to see; you can consult the on-line catalog at our Web site, www.aip.org/history. Applicants should either be working toward a graduate degree in the history of science (in which case they should include a letter of reference from their thesis advisor), or show a record of publication in the field. To apply, send a curriculum vitae, a letter of no more than two pages describing your research project, and a brief budget showing the expenses for which support is requested to: Spencer Weart, Center for History of Physics, American Institute of Physics, One Physics Ellipse, College Park, MD 20740; tel.: 301-209-3174; fax: 301-209-0882; e-mail: sweart@aip.org. Deadlines for receipt of applications are 30 June and 31 December of each year.

The Directorate for Social, Behavioral, and Economic Sciences (SBE) announces a special emphasis on Research Opportunity Awards (ROAs). ROAs enable faculty members at predominantly undergraduate institutions to pursue research as visiting scientists with NSF-supported investigators at other institutions. The spirit of the ROA is to allow for more interchange among all researchers and to provide for special collaborations. There are two deadlines: 15 May 2001 and 15 January 2002. For specific information about the goals of this special emphasis, and preparing an application, go to www.nsf.gov/cgibin/getpub?nsf0174. Applications must follow the guidelines in the RUI Program Announcement, NSF 00-144 (www.nsf.gov/cgibin/getpub?nsf00144). The guidelines in the RUI program announcement should be reviewed carefully. In general, if an institution awards an average of no more than ten doctorates per year in disciplines that NSF supports, and if the
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Principal investigator of the proposal is from a department that does not grant any doctoral degrees, then a proposal can be submitted under the RUI title. Please refer to the RUI Program Announcement for information regarding RUI eligibility. Faculty members who wish to become ROA visiting researchers must be from RUI-eligible institutions. Any institution with an SBE-funded principal investigator (RUI or non-RUI) is eligible to be a host institution. The NSF RUI Web site (www.ehr.nsf.gov/euresgprg/rui/connections.shtml) contains information on how to find a collaborator. For further information, please contact: Rachelle D. Hollander, Societal Dimensions of Engineering, Science, and Technology Program - Ethics and Values Studies, Research on Science and Technology, NSF Room 995, Arlington, VA 22230; tel.: 703-292-7272; fax: -9068; e-mail: rhollander@nsf.gov; Web site: www.nsf.gov/sbe/ses/tdest.

The Fulbright Scholar Program is offering 141 lecturing/research awards in American History for the 2002-2003 academic year. Awards for both faculty and professionals range from two months to an academic year. A new short-term grants program—the Fulbright Senior Specialists Program—offers two-to-six week grants. While foreign language skills are needed in some countries, most Fulbright lecturing assignments are in English. Application deadlines for 2002-2003 awards are: 1 August 2001 for Fulbright traditional lecturing and research grants worldwide; rolling deadline for Fulbright Senior Specialists Program. For information, visit the Web site at www.cies.org. Or contact: The Council for International Exchange of Scholars, 3007 Tilden St., NW – Suite 5-L, Washington, DC 20008; tel.: 202-686-7877.

Institute for Advanced Study
Announcement of Memberships
in the School of Historical Studies
for the academic year 2002-2003

The School of Historical Studies supports scholarship in all fields of historical research, including the history and philosophy of science, among the School’s primary areas of interest. Fields of primary interest also include the history of western and near eastern civilization, with particular emphasis upon Greek and Roman civilization, the history of Europe, the Islamic world, and the history of art. Qualified candidates of any nationality are invited to apply for memberships. Apart from residence in Princeton during term time, the only obligation of Members is to pursue their own research. Approximately forty Members are appointed for either one or two terms each year. The Ph.D. (or equivalent) and substantial publications are required of all candidates at the time of application. Member awards are made by the Institute for Advanced Study or by other sources, including the National Endowment for the Humanities, whose support will enable the three scholars (either U.S. citizens, or three-year residents in the U.S.) to take up full-year memberships, and the Thyssen Foundation which will support two German citizens.

Application may be made for one or two terms (September to December, January to April). Further information and application materials may be found on the School’s Web site, or they can be obtained from the Administrative Officer, School of Historical Studies, Institute for Advanced Study, Einstein Drive, Princeton, New Jersey 08540; e-mail: mzuelensy@ias.edu. Completed applications must be returned to the Administrative Officer by 15 November 2001.

Other Opportunities at the Institute for Advanced Study

Mellon Fellowships for Assistant Professors are offered each year to two qualified Assistant Professors. These full-year memberships are designed specifically for assistant professors at universities and colleges in the United States and Canada to support promising young scholars who have embarked on professional careers. Applicants must have served at least two, and not more than four years as assistant professors in institutions of higher learning in the United States or Canada and must have approval to return to their institution following the period of membership. Stipends will match the combined salary and benefits at the Member’s home institution at the time of application, and all the privileges of membership at the Institute for Advanced Study will apply. Qualified applicants may apply for one type of membership only. No dual applications will be accepted. For additional information and application forms contact the Administrative Officer at the address above.

ACLS/Frederick Burkhardt Fellowships for Recently Tenured Scholars: In the academic year 2002-2003 the Institute for Advanced Study will again take part in a program sponsored by the American Council of Learned Societies, the Frederick Burkhardt Fellowships. With the goal of supporting more adventurous, more wide-ranging, and longer term patterns of research, the ACLS will provide funding for up to eleven recently tenured faculty in the Humanities and related Social Sciences, most of whom will spend a year at one of several residential research centers, including the Institute for Advanced Study. A scholar applying for the academic year 2002-2003 must normally have begun her/his tenured contract at a U.S. or Canadian institution no earlier than 1 October 1997. Qualified candidates who would like to apply for affiliation with the School of Historical Studies under the auspices of this program should contact the ACLS, Fellowships Office, 228 East 45th Street, New York, NY 10017-3398. E-mail: grants@acls.org for application materials and a more detailed description of the terms of the fellowship. Applications for this program should be submitted directly to the ACLS no later than 1 October 2001.

2002 China Resident Fellows Program

The International Research & Exchanges Board (IEXE), with generous funding from The Starr Foundation, is pleased to announce the 2002 China Resident Fellows Program (CRF). CRF is designed to encourage the exchange of ideas among scholars. Chosen fellows are awarded grants to conduct advanced research in the social sciences at US host institutions. Research topics must promote US understanding of China's relations with the countries of Central and Eastern Europe, the New Independent States (NIS), Asia, and the Near East. IEXE expects that the research conducted will enhance US understanding of these countries and regions, while at the same time provide Chinese specialists access to US resources.

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* Mid-career professionals with over five years of work experience, who are affiliated with public and private sector institutions, including university faculty and researchers, Ph.D. candidates, policy makers, NGO leaders, political analysts, journalists, and trade and investment specialists, are welcome to apply.
* Applicants must be Chinese citizens and permanent residents of China, and must not be currently residing in the United States.
* Preference will be given to those individuals who have had few or no previous opportunities to conduct research in the United States.
* Participants must conduct a regional or comparative project on China and at least one of these countries: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Iran, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Macedonia, Moldova, Mongolia, Poland, Romania, Russian Federation, Slovakia, Slovenia, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, and Federal Republic of Yugoslavia.

Application deadline is 15 September 2007. For more detailed program information, application, and complete eligibility requirements, visit: www.inex.org/programs/crpf/. For specific questions, e-mail asia@info.inex.org or call 202-628-8188.

The “Societe de Physique et d’Histoire Naturelle (SPHN) de Genève” announces the 2002 edition of its award entitled: The Marie-Auguste Pictet Prize. This Prize, in principle intended for a young researcher, will reward an outstanding work, unpublished or recently published in the field of the history of science. The Prize is endowed with an amount of at least Sfr. 12,000, and may be shared. Application is open to both Swiss and foreign candidates at university level. Notification of candidate should be sent by 31 December 2001 to the following address: President de la SPHN Museum d’Histoire naturelle, Case postale 6434, CH-1211 GENEVE 6, SWITZERLAND. Two full copies of the work, accompanied by a summary and a curriculum vitae should be submitted before the deadline given above. One copy of the prize-winning work will remain the property of the SPHN. The texts may be written in French, German, Italian or English. In the last three instances, the summary should be translated into French and be approximately 12 pages in length, i.e. 4,000 words or about 20,000 characters. Theme for the 2002 Prize: History of meteorology and climatology. A commission composed of professors of the University of Geneva and experts in the field will be responsible for examining all entries.

The Max Planck Institute for the History of Science in Berlin announces the Lorenz Krüger Postdoctoral Fellowship for 2001-2002 for an outstanding junior scholar whose current research combines perspectives from the history of science with those of the philosophy of science and/or the history of philosophy. The fellowship is named in honor of the late Professor Lorenz Krüger, of the University of Göttingen, whose work sought to connect philosophy with the history of science. The Lorenz Krüger Fellowship is awarded for a one year stay at the Institute in Berlin, beginning 1 October 2001.

The fellowship is open to scholars of all nationalities who have completed their Ph.D. no earlier than 1996 and no later than September 2001. The stipend for applicants from abroad is 3600 DM per month. Women are encouraged to apply. Qualifications being equal, precedence will be given to candidates with disabilities. Applicants for both fellowships are invited to send a curriculum vitae, a brief research proposal (maximum 1000 words), and two letters of recommendation by 30 June 2001 to: Max Planck Institute for the History of Science, Administration, “Lorenz Krüger Fellowship,” Wilhelmstrasse 44, 10117 Berlin, GERMANY.

NATIONAL HUMANITIES CENTER FELLOWSHIPS 2002-2003

Purpose and Nature of Fellowships. The National Humanities Center offers 40 residential fellowships for advanced study. Applicants must hold doctorate or have equivalent scholarly credentials, and a record of publication is expected. Both senior and younger scholars are eligible for fellowships, but the latter should be engaged in research well beyond the revision of a doctoral dissertation. Fellowships are for the academic year (September through May). Scholars from any nation and humanistically inclined individuals from the natural and social sciences, the arts, the professions, and public life, as well as from all fields of the humanities, are eligible.

Areas of Special Interest. The following designated awards, however, are available for the academic year 2002-03: a fellowship in art history or visual culture; a fellowship for French history or culture; three fellowships for scholars in any humanistic field whose research concerns religion; three fellowships for scholarship concerning nature, environmental history, or ecological concerns. Stipends. Fellowships up to $50,000 are individually determined, the amount depending upon the needs of the Fellow and the Center’s ability to meet them. Each Fellow also has access to a research fund of $2500. The Center provides travel expenses for Fellows and their dependents to and from North Carolina.

Deadline and Application Procedures. Applicants submit the Center's form supported by a curriculum vitae, a 1000-word project proposal, and three letters of recommendation. You may request application material from Fellowship Program, National Humanities Center, Post Office Box 12256, Research Triangle Park, North Carolina 27709-2256, or download our form from the Center’s Web site: www.nhc.rtp.noc.us; 8080; e-mail: nhc@ga.unc.edu. The National Humanities Center does not discriminate on the basis of race, color, sex, religion, national or ethnic origin, handicap, sexual orientation, or age. Applications and letters of recommendation must be postmarked by 15 October 2001.

The Nicholas Mullins Award is awarded each year by the Society for Social Studies of Science (4S) for an outstanding piece of scholarship by a graduate student in the general field of Science and Technology Studies. The prize consists of a check for US $500, a certificate and travel expenses for 4S’s Annual Meeting. The competition is for graduate student papers, which must be submitted in English, based on all types of scholarly products in the field of science and technology studies: unpublished papers, published articles, dissertation chapters. It is recommended that dissertation chapters be adapted so as to make them "stand-alone." The work may not be older than two years at the time of submission. They should be typed double-spaced. Six (6) copies should be sent to the chair of the Nicholas Mullins Award Jury.
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(see address below), but for students for whom this would be a financial hardship two (2) copies would be acceptable. Initial submission to the Chair of the jury as an electronic e-mail attachment, preferably in Word format, is encouraged. The name and address of the author and the name and address of the author's institution should be on a separate sheet (or file), so that these can be detached from the distributed copies. Deadline for submitting contributions is 31 August 2001. Papers received after that date will be considered for next year's contest. The winner will be announced at the Banquet at the 2001 Annual Meeting of the SSSM (Cambridge, Massachusetts, 1-4 November). Winners are expected to attend this meeting. For further information, please contact the Chair of the jury: Malcolm Ashmore, Department of Social Sciences, Loughborough University, Loughborough LE11 3TU UK; e-mail: M.T.Ashmore@lboro.ac.uk.

The Singer Prize is awarded by the British Society for the History of Science (BSHS) every two years to the writer of an unpublished essay based on original research into any aspect of the history of science, technology, or medicine. The Prize is intended for younger scholars or entrants into the profession, and candidates must be either registered for a postgraduate degree course or have completed such in the last two years. Entry is by no way limited to British nationals. For further information about the Singer Prize or BSHS and its activities, contact: Paula Gould, BSHS Media Officer, tel./fax: 01244 680044; e-mail: Paula.Gould@sbsw.org.uk.

The Society for the History of Technology (SHOT) invites nominations for its Dibner Award, established in 1985 to recognize excellence in museums and museum exhibits that interpret the history of technology, industry, and engineering to the general public. Winning exhibits, in addition to being well designed and produced, should raise pertinent historical issues. Artifacts and images should be used in a manner that interests, teaches, and stimulates both the general public and historians. Also, entire institutions, rather than just exhibits, may be considered for this award. The winners will be announced at the Society's Annual Meeting in San Jose, CA 4-7 October 2001. The Award consists of a plaque and up to $1,000 to cover expenses for a member of the design team to accept the award at the SHOT awards banquet. The Society especially encourages nominations from local and regional historical societies. Anyone, including the institution or individual responsible for its creation, may nominate an exhibit for the Dibner Award. This should be within two years of the exhibit's opening. Nominations should include a nomination form (with names of possible reviewers) and materials that will assist the committee in evaluating the exhibition or museum (exhibit script, related publications, slides or a videotape). All materials sent will be kept by SHOT for archival purposes. For further information, visit the SHOT website: www.press.jhu.edu/associations/shot/awards/dibner.htm.

The Society for the Social History of Medicine (SSHM) invites submissions for its two 2001 Prize Essay Competitions. These prizes will be awarded to the best original, unpublished essays in the social history of medicine submitted to each competition as judged by the SSHM’s assessment panel. The 2001 essay competition is open to postdoctoral scholars and faculty who obtained their Ph.D. or equivalent qualification after 31 December 1995. The 2001 student essay competition is open to students in full or part-time education. Each prize winner will be awarded £300.00, and his or her entry may also be published in the journal, Social History of Medicine. Further details and entry forms can be downloaded from the SSHM’s Web site at www.sshm.org. Alternatively, please contact the membership secretary: David Cantor, Building 31, Room 2B09, MSC 2092 National Institutes of Health, Bethesda, MD 20892-20921/SA; e-mail: competition@sshm.org. The deadline for entries is 31 December 2001.

Through a generous grant made by the Andrew W. Mellon Foundation to the History of Science Department and the History of Science Collections, the University of Oklahoma announces a travel fellowship program for visitors to make use of its resources for research in the History of Science. The Andrew W. Mellon Travel Fellowship Program is intended to assist scholars at both pre-doctoral and postdoctoral levels. The program is designed to provide travel expenses and a reasonable per diem to researchers who reside outside the central Oklahoma area, and who have well-defined research projects that can be served by the holdings of the History of Science Collections. Applicants preparing proposals should contact the Curator or the Assistant to the Curator for information. To preserve the timeliness of travel fellowships, proposals will be evaluated three times each year, with deadlines for submission 15 October (for research conducted 1 January - 30 April), 15 February (for research conducted 1 May - 30 August) and 15 May (for research conducted 1 September - 30 December). For information, please contact: The University of Oklahoma, The Andrew W. Mellon Travel Fellowship Program, Bizziell Library, 401 West Brooks, Room 521, Norman, OK 73019-0528; megilvie@ou.edu; kmagrudel@ou.edu; www.lib.ou.edu/depts/history/index.html.


CORRECTION

In the Awards, Honors and Appointments section of the April Newsletter, we announced that Jeffrey Richelson was the recipient of the 1999Emme Award for Astronomical Literature. We would like to thank Virginia Trumble for pointing out that this award was presented by the American Astronautical Society (AAS) and not the American Astronomical Society (AAS). Our apologies to both societies for this error.
The Dibner Institute for the History of Science and Technology invites applications to its two fellowship programs for the academic year 2002-2003: the Senior Fellows program and the Postdoctoral Fellows program. Some twenty-five Dibner Fellows are resident at the Institute each year.

The Dibner Institute is an international center for advanced research in the history of science and technology, established in 1992. It draws on the resources of the Bandy Library, a major collection of both primary and secondary material in the history of science and technology, and enjoys the participation in its programs of faculty members and students from the universities that make up the Dibner Institute's consortium: the Massachusetts Institute of Technology, the host institution; Boston University; Brandeis University; and Harvard University.

The Institute's primary mission is to support advanced research in the history of science and technology, across a wide variety of areas and a broad spectrum of topics and methodologies. The Institute favors projects that address events dating back thirty years or more; and, while recognizing that overlap between the history of medicine and the history of biology makes strict distinctions impossible, the Institute generally does not support projects in the history of clinical medicine.

**Senior Fellows Program**

Candidates for Senior Fellowships should have advanced degrees in disciplines relevant to their research and show evidence of substantial scholarly accomplishment and professional experience. Senior fellows may apply for a second fellowship appointment five years after their first successful application.

Scholars may apply to the Senior Fellows program for the Fall (Term 1), the Spring (Term 2), or both. Term 1 extends from 1 August through 31 December, with full activities beginning on 1 September; Term 2 extends from 1 January through 31 May, with full activities beginning in the second half of January. At the time of application, Term 1 candidates may request an arrival date in August; Term 2 candidates may request an extension into June. The Institute prefers, if possible, that senior fellows apply for a two-term residency.

**Postdoctoral Fellows Program**

Fellowships are awarded to outstanding scholars of diverse countries of origin who have received the Ph.D. or equivalent within the previous five years. Postdoctoral Fellowships run for one year, from 1 September through 25 August, and may be extended for a second and final year at the discretion of the Dibner Institute.

**Terms and Conditions**

All Dibner Fellows are expected to reside in the Cambridge/Boston area during the terms of their grants, to participate in the activities of the Dibner Institute community, and to present their current work once during their fellowship appointments.

Fellowships provide office space, support facilities and full privileges at the Bandy Library and at the libraries of consortium universities. Fellows will have access to the entire spectrum of activities that take place at the Dibner Institute, where they will be able to find the resources and appropriate settings to carry on their work.

Information about living expenses and the annual Dibner stipend is provided with the application forms. The deadline for receipt of applications for 2002-2003 is 31 December 2001. Fellowship recipients will be announced in March, 2002. Please send requests for further information to:

Trudy Kontoff, Program Coordinator
Dibner Institute for the History of Science and Technology
MIT E56-100, 38 Memorial Drive
Cambridge, Massachusetts 02139

E-mail: DIBNER@MIT.EDU.
DIBNER INSTITUTE NAMES SENIOR, POSTDOCTORAL and GRADUATE STUDENT FELLOWS for 2001-2002

The Dibner Institute for the History of Science and Technology is pleased to announce the appointment of the Dibner Institute Resident Fellows for 2001–2002. The Institute will welcome sixteen Senior Fellows and nine Postdoctoral Fellows and has renewed the appointments of six Postdoctoral Fellows. Six Graduate Student Fellows have also been named.

Dibner Institute Senior Fellows

Garland Allen, Professor of Biology, Washington University, St. Louis, uses his interest in the history and philosophy of biology as a springboard for the teaching of introductory biology to majors in the field. He has co-authored a series of biology textbooks, including The Study of Biology and Matter, Energy and Life. His major projects while at the Dibner Institute are to continue his exploration of eugenics in the context of United States social history, 1880–1950, and to complete the revision of his book, originally published by Cambridge University Press in 1978, Life Science in the Twentieth Century.

William J. Ashworth is a Lecturer in History at the University of Liverpool, U.K. He is the author of A Calendar of the Correspondence of William Whewell at Trinity College, 1794–1866 and “Memory, Efficiency and Symbolic Analysis: Charles Babbage, John Herschel, and the Industrial Mind.” in Eos, Volume 87, for which he received the Derek Price Award. He is currently doing the research for a book entitled “Consuming the People: Trade, Production, and the English Customs and Excise 1643–1842.”

Domenico Bertoloni Meli is Professor of History and Philosophy of Science, Indiana University. He is the author of Marcello Malpighi, Anatomist and Physician and Equivalence and Priority: Newton versus Leibniz, including Leibniz’s Unpublished Manuscripts on the “Principia.” At the Dibner Institute he expects to complete his book on motion and mechanics in the seventeenth century.

Richard Creath, Professor, Department of Philosophy, Arizona State University, is the editor of the volume Dear Carnap, Dear Fodor: The Quine–Carnap Correspondence and Related Work and the co-editor, with Jane Maienschein, of Biology and Epistemology. His most recent article is “The Linguistic Doctrine and Conventionality: The Main Argument in ‘Carnap and Logical Truth,’” forthcoming in Logical Empiricism in North America. He will continue his work on the volume, “Analyticity: Carnap, Quine, and the Structure of Scientific Knowledge” while at the Dibner Institute.

Snaid Gloss is a lecturer at the Cohn Institute for the History and Philosophy of Science, Tel Aviv University, Israel. She is the author of “Sociology and Lamarckism - The Case of France in the Nineties” and, with Eva Jablonka, “Progress and Evolution in the Nineteenth Century - Biology and Sociology.” She is Co-Editor of the periodical, Science in Context. Her project at the Dibner Institute is titled “The ‘Migration’ between Sociology and Biology and the Emergence of Sociology as a Scientific Discipline.”

Eliaheh Khirirandish, Research Associate at the Center for Middle Eastern Studies, Harvard University, is the author of the two-volume work, The Arabic Version of Euclid’s Optics and the forthcoming “Sources for the History of Mathematical Sciences in the Islamic World,” to be published by the Institute for Humanities and Cultural Studies. At the Dibner Institute she will continue her work titled “The Optical Traditions of Ancient Alexandria and Their Transmission within Near Eastern and European Lands: 300 BC - 1300 AD.”

Ann Olga Koloski-Ostrow is Professor in the Department of Classical Studies, Brandeis University. She is the author of The Sorsos Bath Complex and contributor and co-editor, with Claire Lyons, of Naked Truths: Women, Sexuality and Gender in Classical Art and Archaeology. The title of her research project at the Dibner Institute is “‘Black Holes’ in Ancient Space: Roman Water, Sewer, and Latrine Technology.”

Jane Maienschein, Professor in the Department of Philosophy, Arizona State University, is the author of Transforming Traditions in American Developmental Biology and 100 Years Exploring Life: An Autobiography of the Marine Biological Laboratory. At the Dibner Institute she will continue her work on the volume, “Explorations of Organisms and Organization.”

Professor Gordon McGuat is Director, History of Science and Technology Programme, University of King’s College, Halifax, Canada. He is the author of “Networks, Hybrids and Forms of Life” in Annals of Science 57 (2000) and “Cataloguing Power: Delineating ‘Competent Naturalists’ and the Meaning of Species in the British Museum” in the British Journal for the History of Science, in press. His project at the Dibner Institute is titled: “Species: The Life and Death of a Naturalist’s Kind,” which will then complete a manuscript on the wider history and philosophy of species in the life sciences.


Martin Reuss is Senior Historian, Office of History, Army Corps of Engineers. He is the author of *Designing the Bayous: The Control of Water in the Atchafalaya Basin, 1800-1995* and *Reshaping National Water Politics: The Emergence of the Water Resources Development Act of 1986.* At the Dibner Institute he will continue his research and writing on a book to be titled "The Development of Hydrology in the United States."

Leonard Rosenband, Professor, Utah State University, is the author of *Papermaking in Eighteenth-Century France: Management, Labor, and Revolution at the Montgolier Mill, 1761-1805,* and coeditor with Thomas Max Safley of the work, *The Workplace before the Factory: Artisans and Proletarians, 1500-1800.* He will continue his work on a book titled "The Practice of Enlightenment: Capital, the State, and Technological Change in England and France" while he is at the Dibner Institute.

Michael B. Schiffer is Professor of Anthropology and Director, Laboratory of Traditional Technology, at the University of Arizona. He is the author of *Technological Perspectives on Behavioral Change* and, with Andrea Miller, *The Material Life of Human Beings: Behavior, Artifacts, and Communication.* He has also written two books on consumer electrical and electronic technologies. His current project focuses on the process of "technological differentiation" or "technology transfer" as related to electrical technologies of the 18th century.

George E. Smith, Professor, Department of Philosophy, Tufts University, is the author of "I.J. Thomson and the Electron, 1897-1899," to appear in the forthcoming volume, *The Electron and the Birth of Microphysics* and "From the Phenomenon of the Ellipse to an Inverse-Square Force: Why Not?" to appear in a Festschrift for Howard Stein. He plans to work on two projects at the Dibner Institute: (1) exploration of how Newton's Principia provided a new way for the development of high-quality evidence in science and (2) the study of works in the history of chemistry from Lavoisier to the emergence of the periodic table and the development of organic chemistry in the second half of the 19th century.

Stephen Weininger is Professor of Chemistry at Worcester Polytechnic Institute. He is the author of "What's in a Name? From Designation to Denunciation in the Nonclassical Ion Controversy," *Bulletin for the History of Chemistry* 25 (2000) and, with F.R. Stermitz, *Of Organic Chemistry.* His research proposal at the Dibner Institute will explore the post-World War II growth of physical organic chemistry and the role of military funding in that growth.

Dibner Institute Postdoctoral Fellows

Eric Ash received his Ph.D. from Princeton University and has been a Lecturer in its History Department. He is the author of "A Note and a Cant for the Merchant": Mercantile Advisor in Elizabethan England," *Sixteenth Century Journal* and "A Perfect and an Absolute Work": Expertise, Authority, and the Rebuilding of Dover Harbor, 1579-1583," in *Technology and Culture* 41 (2000). The title of his research project at the Dibner Institute is "The Level Expert, Cornelius Vermyden and the Drainage of the English Fens."

Elizabeth Caviechi received her Ed.D. from the the Harvard Graduate School of Education, where she was a Lecturer and developed courses in teaching science. She is the author, with P. Lucht and F. Hughes-McDonnell, of "Playing with Light," *Educational Action Research* 9(1) (2001) and of "Experimenting with Magnets: Ways of Learning of Joanne and Faraday," *American Journal of Physics* 65 (9) (1997). For her Dibner Institute research project, she plans to study the experimental practices and knowledge resulting from the experiments of Jonathan Hearder and other amateurs in making and using induction coils.

Andrew Jantrak will receive his Ph.D. Spring 2001 from Indiana University and is currently a Tutor in Philosophy at the University of California, Berkeley. He is the author of "The Continuing Strength of Newtonianism," and of "Space, Atoms and Mathematical Divisibility in Newton," in *Studies in History and Philosophy of Science,* 31, 2 (2000). His research project while at the Dibner Institute will focus on the philosophical response to Newtonian physics in the writings of Kant, Leibniz and Berkeley.

Abigail Lustig received her Ph.D. from the University of California, Berkeley and is currently a Postdoctoral Fellow at the Max-Planck Institute for the History of Science. She is the author of "Sex, Death, and Evolution in Proto-and Metaaxon 1837-1913", *Journal of the History of Biology* 33 (2000). She is the editor, with Robert J. Richards and Michael Ruse, of the forthcoming "Darwinian Heresies," for which she contributed the article, "Natural Atheology and Evolutionary Explanations for the Origins of Religion." Her project, while at the Dibner Institute, is titled "Altruism, Biology, and Society."

Alberto Martinez received his Ph.D. from the University of Minnesota and is currently a Dibner Library Resident Scholar, Smithsonian Institution. He was an Organizer for the Seminar on the Investigation of Difficult Things, 1999-2000 and for the Seminar on Natural Philosophy, 1996, both at the University of Minnesota and has been a participant in the Seven Pines Symposiums for History and Philosophy of Physics, 1997, 1999. At the Dibner Institute he will prepare a book on the history of kinematics, the modern science of motion.

Ohad Parush received his Ph.D. from Tel Aviv University and has been a Postdoctoral Fellow at the Max-Planck Institute. He is the author of "The Envisioning of Cells," *Science in Context* 13/1 (2000) and numerous entries in the *Encyclopedia of Life Sciences,* including "Schwann, Theodor Ambrose Hubert," "Schleiden, Matthias Jacob," and "Richter, Charles." He is also the author of "Why Vitalism," in *Archives internationales d'histoire des sciences,* forthcoming. The title of his project at the Dibner Institute is "Experimenting Immunity, 1890-1900."

Manolis Patsalis received his Ph.D. from the University of Athens, where he is now an Associate Researcher. He is the author of "When Eugenius Voultarius Prefaces Theophilus Korydalleus," *Symposia Journal for the History and Philosophy of Science and Technology,* 8 (1999) and, with Dimitris Dialetto and Konstan Gavroglou, "The Sciences in the Greek-Speaking Regions During the 17th and 18th Centuries: The Process of Appropriation and the
During his year at the Dibner Institute he will continue his study of the works of natural philosophy written by Greek-speaking scholars of the 18th century, writings that tried to synthesize elements of the new natural philosophy with the Aristotelian tradition.


Yuji Shi is professor, Department of History of Science, University of Science and Technology of China, from which he received his Ph.D. He is the author of several books in Chinese, including History of Astronomy in China and the forthcoming “Chinese Astronomy and the Importation of Western Knowledge.” His most recent article in English is “The Korean Adaptation of the Chinese-Islamic Tables,” forthcoming in Archive for History of Exact Sciences. His research project at the Dibner Institute is titled “European Background of Jesuit Predictive Astronomy in 18th Century China.”

Dibner Institute Postdoctoral Fellows Appointed to a Second Year

Tara Abraham received her Ph.D. from the University of Toronto. She is the author of the article “(Physiological Circuits: Mathematical Biology and the Intellectual Origins of the Mcintosh-Pitts Neural Networks,” forthcoming in the Journal of the History of the Behavioral Sciences and the paper, “Styles of Visualization: Representing Neurons in the 1930s,” to be presented at the Spring 2001 meeting of the Canadian Society for the History and Philosophy of Science. At the Dibner Institute, she is continuing to investigate mathematical and cybernetic methods in twentieth-century biology. Her current project examines the work of mathematical biophysicist Nicolas Rashevsky.

Oerna Harari-Eshel received her Ph.D. from the Cohn Institute, Tel Aviv University. She is the author of the article, “Knowledge and Explanation in Aristotle’s Posterior Analytics,” in the forthcoming Explanation: Theoretical Approaches and Applications, edited by Giota Hon and Sam S. Rakover. In May 2001 she will present the lecture, “Syntactic Logic and Greek Mathematical Reasoning: A Reassessment of the Relationship between Aristotle’s Posterior Analytics and Euclid’s Elements,” at the International Workshop in Israel, “History of Mathematics in the Last 25 Years: New Departures New Questions, New Ideas.” Her research work at the Dibner Institute focuses on the relationship between Greek logic and Greek mathematics.

Annette Imhausen studied the History of Mathematics at the University of Mainz, where she received her Ph.D. She is the author of the article, “Die ‘h’-Auffabgen der ägyptischen mathematischen Texte und ihre Lösungen,” Festschrift Reineke, 2001. She will present the lecture, “Egyptian Mathematical Texts and their Context” at the International Workshop, “History of Mathematics in the Last 25 Years: New Departures New Questions, New Ideas” in Israel. At the Dibner Institute she continues to work on a project titled “Egyptian Mathematical Knowledge in Middle and New Kingdom Administrative Texts,” analyzing the mathematical procedures used in the daily work of ancient Egyptian scribes.

Paul Lucier received his Ph.D. from Princeton University and was previously Research Professor at Rensselaer Polytechnic Institute. He is the author of the forthcoming book “Scientists and Swindlers: Consulting on Coal and Oil in America, 1820-1890.” His most recent articles include “Science, Technology, and the Industrial Revolution” in The Industrial Revolution in Comparative Perspective, edited by Michael Thompson and Christine Rieder, and “A Plea for Applied Geology” in History of Science, xxxii, 5 (1999). He has been working on a project entitled “A History of Economic Geology, 1880-1945” while at the Dibner Institute.

Elizabeth Paris received her Ph.D. from the University of Pittsburgh and was previously a lecturer in the History of Science Department at Harvard. She is the author of the forthcoming article, “Lords of the Ring: The Fight to Build the First U.S. Electron-Positron Collider,” in Historical Studies in the Physical and Biological Sciences. Her research project at the Dibner Institute focuses on Italian high energy physics instrumentation in the 1960s.

Kim Plofker received the Ph.D. from Brown University, where she was a visiting lecturer. Her article, with S. Ikeyaoma, “The Thirteenth Century: Ganesa,” will appear in SCIAMVS later this year. A second paper, “Use and Transmission of Iterative Approximations in India and the Islamic World,” will shortly be published in the proceedings of the May, 2000 Bellagio conference, “2000 Years of Mathematical Transmission.” At the Dibner Institute she will continue her research on Indian and Islamic mathematical and astronomical traditions.

Dibner Institute Graduate Student Fellows

Dibner Institute graduate fellowships have been awarded to six Ph.D. candidates writing their doctoral dissertations at Dibner Institute consortium-member institutions: the Massachusetts Institute of Technology, the Dibner Institute’s host institution, Boston University and Harvard University.

Tongdong Bai is a student in the Department of Philosophy, Boston University. He studied at Peking University, where he earned a B.S. in nuclear physics and an M.S. in Philosophy of Science. For his dissertation he is exploring the EPR interpretation of quantum mechanics, focusing on Niels Bohr and also on Wolfgang Pauli and Richard Feynman.
Brendan Foley, a graduate of the University of New Hampshire, received an M.A. from Tufts University in 1995 and an M.S. in Maritime Archaeology from the University of Southampton, U.K. His dissertation for MIT's Program in Science, Technology and Society studies the increasingly professional role of the mechanical engineers who studied at the United States Naval Academy, from the end of the Civil War until 1890.

Kendall Hoyt received her B.A. from Duke University with a double concentration in Biological Psychology and English. She is a Ph.D. candidate in MIT's Program in Science, Technology and Society. The title of her dissertation is "The Role of the Military in the History of Vaccine Innovation."

A. Denise Phillips graduated summa cum laude from Duke University, was a Fulbright Student Fellow at Humboldt University, Berlin, and is now a Ph.D. candidate, Department of History of Science, Harvard University. The title of her dissertation is "Building a Natural/Scientific Age: Science and Public Culture in Germany, 1815-1880."

Deborah Weinstein received the B.A. magna cum laude from Brown University and expects to complete the requirements of the Ph.D. at Harvard University in June 2002. For her dissertation, she is examining the "cybernetic family" and the rise of family therapies in post-World War II American culture.

Timothy Walters is enrolled in MIT's Program in Science, Technology and Society. He received an M.A. at the University of Maryland, and the B.A. magna cum laude in History/Computer Applications at the University of Notre Dame. The title of his dissertation is "Carrier Aviation Policy and Procurement in the US Navy, 1936-1955."

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Preliminary Meeting Program
HSS 2001

This information is subject to change. For the most up-to-date program, please visit our Web site.

Thursday, 8 November, 2001
1:00 p.m. to 5:00 p.m.,
HSS Council Meeting

2:00 p.m. to 7:00 p.m.
Registration

5:00 p.m. to 7:00 p.m.
PLENARY SESSION

2001: A HISTORY ODYSSEY!
SCIENCE FICTION AND THE HISTORY OF SCIENCE
James Gilbert, University of Maryland
Steven Dick, U.S. Naval Observatory
Mark Adams, University of Pennsylvania

7:00 p.m. to 9:30 p.m.
Receptions

Friday, 9 November, 2001
7:30 a.m. to 9:00 a.m.
ISIS Editorial Board Meeting

7:30 a.m. to 9:00 a.m.
Women's Caucus Breakfast Meeting

8:00 a.m. to 5:00 p.m.
Registration

8:00 a.m. to 5:00 p.m.
Book Exhibit

9:00 a.m. to 11:45 a.m.
* indicates session organizer(s)

PRACTICAL MATHEMATICS, MIXED MATHEMATICS AND
NATURAL PHILOSOPHY IN THE EARLY 17TH CENTURY:
BOUNDARIES, ARTICULATIONS AND POWER PLAYS
*Schuster, John, "Hydrostatics, Physico-Mathematics and the
Origins of Micro-Mechanics: Or What Rene and Isaac Did in 1619."
Gaukroger, Stephen, "The Idea of a Mathematical Physics in the
Early Seventeenth Century"

Neal, Katherine, "Putting Astrology and its Patrons in their Place:
Professor Henry Briggs, Sir Christopher Heydon and King James
on Astrology, Astronomy and Mathematics"
Boschiero, Luciano, "The Beginnings of Post-Galilean Natural
Philosophical Thought: 1638-1647"
Commentator: Applebaum, William
Chair: TBA

RECEIVING NAMES, IDENTIFYING THINGS: PHILOLOGY AND
NATURAL HISTORY IN GERMANY AND CHINA
Phillips, Denise, "The Generality of Language and the
Particularity of Nature: Natural History and Bildung in
Germany, 1815-1850"
Nappi, Carla. "The Name of the Rose: Naming and the Classification
of Nature in the Benvenuto cantagallina"
Cooper, Allix. "Latin Words, Vernacular Worlds: Language and
Environment in Early Modern German Natural History"
"Shen, Grace. "Making History Natural: Writing 20th century
vernacular into 17th century travels"
Commentator: Grofman, Anthony
Chair: Elman, Benjamin

THEORY CONSTRUCTIONS:
THE RISE OF THEORETICAL DISCIPLINES IN THE EARLY 20TH
CENTURY
Laubichler, Maafred, "The Fin-de-Siecle Origins of Theoretical
Biology"
"Seth, Suman, "Engineering Erased: Theoretical Physics and the
Rhetoric of Reinhart"
Raebl, Martin. "The Use and Advantage of Theory. Rickert,
Dilthey and the Crisis of Historicism at the Fin-de-Siecle"
Lanzoni, Susan. "Forging a Foundational Psychology: Ludwig
Hinswanger's Turn to Phenomenology
Commentator: Wise, M. Norton
Chair: TBA

BIOLOGY IN THE PUBLIC EYE:
AUTHORITY, SCIENCE, AND POLITICS IN THE COLD WAR
"Selya, Rena, "The Microbiologist and His Times: Salvador Luria
and the Anti-Vietnam War Movement"
Wolle, Audra. "Science and Liberty for All: The Biological
Sciences Curriculum Study"
Jolly, Christopher. "Linus Pauling's Influence on the Scientific
Debate over Fallout Hazards"
Harman, Oren. "C. D. Darlington and the Anglo-American
Response to the Lysenko Affair"
Chair: Mendelsohn, Everett

CULTURES OF DISPLAY:
SCIENCE AND THE VISCERAL IN VICTORIAN BRITAIN
Bellon, Richard, "George Bentham Visits the Crystal Palace"
Waller, John, "Looking the Truth in the Face: Francis Galton
and the Criminal Physiognomy"
Friday, 9 November, 2001
9:00 a.m. to 11:45 a.m.
(continued)

*Alberti, Sam. “Conversazioni and Science in Provincial England”
Commentator: Gooday, Graeme
Chair: TBA

NATIONAL SCIENTIFIC IDENTITY IN 18TH-CENTURY BRITAIN AND AMERICA

Geau, Kevin, “Station to Station: Articulating Identity and Nation in 18th-Century British Science”

Drake, James, “Appropriating a Continent: Natural Science, Geographical Categories, and Anglo-American Identity in the Eighteenth Century”


Meredith, Margaret, “The Power and Problem of Authority: Early American History in a Trans-Atlantic Context”

Lindsay, Debra, “Paleontology: ‘Canadian’ fossils / American Science?”
Chair: TBA

EVOLUTIONARY THEORY IN MIND, BODY AND SOCIETY

Chung, Tobias, “Uncertain Organisms: The Struggle for Identity in Cuvier’s Comparative Anatomy”

Alter, Stephen, “Darwin on Unconscious Development in Mind and Language”

Regal, Brian, “Racing Out of Central Asia: Henry Fairfield Osborn and the Origins of Man”

Shavit, Ayelet, “Evolutionary models resonate with social shifts”

Vetter, Jeremy, “Getting into the Field: Transportation Networks, Colonial Infrastructure and the Making of Anthropological Knowledge in the Nineteenth Century”
Chair: TBA

12:00 p.m. to 12:30 p.m.
Forum for the History of Science in America Business Meeting

12:30 p.m. to 1:30 p.m.
FORUM FOR THE HISTORY OF SCIENCE IN AMERICA DISTINGUISHED HISTORIAN LECTURE SERIES
BALANCING ACTS
Sally Gregory Kohlstedt, University of Minnesota

1:30 p.m. to 3:10 p.m.
* indicates session organizer(s)

EXPERIMENTAL DESIGN, EXPERIMENTAL PRACTICE

Detzloff, John, “Material Culture and Experimental Practice in the Enlightenment Laboratory”

Harvey, Jay, “Dr. Mary Putnam Jacobi and the Forbidden Experiment”

Hall, Nancy, “Sir Ronald Fisher and Randomized Experimental Design”

Otis, Laura, “Müller’s Lab: The Struggle for Personal Space”
Chair: TBA

SCIENCE AND WAR

Dow, Michael, “MIT’s new Musée de l’Arc de Triomphe: Scientific Authority in the Service of the Cold War State”

Gerard, Marion, “Chemical Warfare Scientists in 1914-1918 Britain: Servants to the War Effort?”

Neill, James, “Reimagining Anthrax: Science, Perception and the Construction of Biological Threat”

Van Berkel, Klaas, “The Fruit of War. Dutch science under German occupation, 1940-1945”
Chair: TBA

VISUALIZING NATURE

Brownstein, Daniel, “Mapping Bodies and Spaces in Early Modern Italy”

Geimer, Peter, “Noise or Nature? Photographing the Invisible around 1900”

Golan, Tal, “Visuality and Authority. Machines as Eye-Witnesses”

Jones-Inkster, Edward, “Imagining the Laboratory: Post-war isospheric research and the panoramic iconograms”
Chair: TBA

SCIENCE OFF THE BEaten PATH:
MAGIC, VAMPIRES, SPIRITS AND PARANORMAL SCIENCES

Mazzotti, Massimo, “The Natural Philosophy of Vampires”

Hochadel, Oliver, “Science for the Public: Natural Magic in the Enlightenment”

Croce, Paul, “In Search of William James’s Medical Thesis: Physiological Science and Water-Cure Therapies”

Lachapelle, Sofie, “When Fair was not Enough: The Scientific Study of the Afterlife in France, 1880-1910”
Chair: TBA

BREAKING TRADITIONS IN THE HEAVEN:
THEORY, PRACTICE AND POPULAR PERCEPTION

Vanden Broecke, Steven, “On the natural-philosophical and textual problems of late Renaissance Astrology”

Bandyopadhyay, Prasanta, “Traversing the Path of Kepler’s Elliptical Orbit: A Close Look at the New Astronomy”

Saridakis, Voula, “Who was Elisabetha Hevelius? ‘Domestic’ Astronomy in the Early Modern Period”

Levitt, Theresa, “No More Magic Moonbeams: Astronomy as Public Science in Nineteenth-Century France”
Chair: TBA

USES AND ABUSES OF HISTORY OF SCIENCE

Kipnis, Nahum, “Unappreciated Discoveries: How to deal with them?”

Chimisso, Cristina, “Historical epistemology or Total History? Georges Canguilhem’s Approach to the History of the Sciences”


Shermer, Michael, “Stephen Jay Gould as Historian of Science: A Quantitative Content Analysis of His Works”
Chair: TBA

CREATING NATURAL KNOWLEDGE

Gerson, Elihu, “The Origins of Natural History”
Crowther-Heyck, Kathleen. “Reforming Nature: Natural Knowledge in the Venetian Print Culture of Sixteenth-Century Germany”

Jaimison, Andrew. “Hybrid Identities in the Making of Western Science”

Flannery, Maara. “The Legacy of Francis Lee Jaques: Diorama in the 20th Century and Beyond”

Chair: TBA

**Sex Differences, Aging, and Therapeutics**

Pearl, Sharrena. “Sensational Science: Men, Women, and Menstruation in Wilkie Collins’ A Woman in White and The Moonstone”

Levena, Joshua. “Sexual Arousal and the CNS: the Contributions of W. Horsley Gantt and Frank A Beach”


Watkins, Elizabeth. “Science Confronts Aging: The Case of Hormone Replacement Therapy”

Chair: TBA

3:30 p.m. to 5:30 p.m.

* indicates session organizer(s)

**Building the Next Big Machine**

*McCray, Patrick, and *Smith, Robert. “Seeing the Future: The Origins of the Next Generation Space Telescope”


Collins, Harry. “Growing Pain: Scientific Knowledge and Organisational Change in Path Breaking Research”

Fitzpatrick, Anne. “The Next Big Simulation: Computers in the Nuclear Arms Race”

Chair: Westfall, Catherine

**Beyond Cold War Borders:**

*examining the politics of science in international affairs*


Kimmelman, Barbara. “Regulation and Debate in International Agricultural Industries: The Case of Antibiotic Feed Additives in the U.S. and U.K.”


Chair: West, Spencer

**Heroes and Anti-Heroes:**

*Public Images of the Victorian Man of Science*

*Lightman, Bernard. “Scientists as Anti-Heroes: Materialism and Tyndall’s Belfast Address”*

*Secord, James. “Crowds and Celebrities: Faces of Knowledge in the Pictorial Press”*

*Secord, Anne. “Be what you would seem to be”: Samuel Smiles, Thomas Edward, and the Making of a Working-Class Scientific Hero”*

Chair and Commentator: Kohlstedt, Sally Gregory

**Daily Life in 19th-Century European Science**

Geison, Gerald. “Daily Life in Pasteur’s Scientific Enterprise”

Cahan, David. “Heinrich or a Private Man”

*Finkelstein, Gabriel. “The more civilized a nation is, the smaller the rooms”: Daily Life through the Eyes of Emil du Bois-Reymond”*

Chair and Commentator: Levine-Clark, Majaric

**Party Man, Opportunist, Independent Thinker:**

*The Careers of Three Physicists in Communist East Germany*

Hoffmann-Dietler, The. “The Life After: Klaus Fuchs in East Germany”

Walker, Mark. “Friedrich Möglich: A Scientist’s Journey from National Socialism to Communism”

*Augustine, Dolores. Werner Hartmann: An East German Physicist’s Fall from Grace”*

Chair and Commentator: Kojewnikov, Alexei

**Ulterior Motives in Science Inquiry**


Richards, Robert. “The Erotic Sources of Goethe’s Science”

Lustig, Abigail. “Erich Wasmann’s Catholic Evolutionism”

Chair and Commentator: Brain, Robert

**Landscapes of Colonial Knowledge: Representing Malaria in Europe, Jerusalem and North Africa**


Sullivan, Sandy. “Mapping the Marsh: Malaria and the Sharing of Medical Knowledge in Mandatory Palestine”

Osborne, Michael. “French Colonial Medicine in the Nineteenth Century”

Chair: Castonguay, Stephanie

**Climate and Culture: Contexts, Concepts, and Choices**

Garber, Margaret. “Airs and the Air Chronic: Early Modern Physico-Chemical Conceptions of Atmospheric Change”

Greene, Mott. “Attitudes Concerning Latitudes: The Origin and Early Evolution of the Köppen-Zone Systems of Climate Classification”

Kim, Sang-Ilyun. “Computing Global Climate Change: The Early Development of General Circulation Models (GCMs) in Britain”

Commentator: Fleming, James

Chair: Raiser, Ronald

5:30 p.m. to 7:30 p.m.

Reception

7:30 p.m. to 9:00 p.m.

Committee on Education Workshop

7:30 p.m. to 9:00 p.m.

* indicates session organizer(s)

**Issues in Ecology and Environmentalism**

Brunner, Patricia. “John Bartram and His Contribution to the Theory of Ecological Succession”
Friday, 9 November, 2001
7:30 p.m. to 9:00 p.m.
(continued)

Ackert, Jr., Lloyd, “From ‘Cycle of Life’ to ‘Microbiological
Ecology, 1890-1930’
Madison, Mark, “From Essential to Endangered: The Species
Question in Conservation Biology”
Chair: TBA

SCIENCE IN A WARM CLIMATE:
THREE CASE STUDIES IN TRADITION AND INNOVATION
Ochs, Kathleen, “The Hula and the War Bonnet: Science or
Knowledge about Nature in Traditional Oral Societies”
Penyak, Lee, “Obstetrics and the Inclusion of Women in Mexico’s
Medical Establishment, 1850-2000”
Casasio, Basilio, “Antonio Mesucci: How Electrotherapy Gave
Birth to Telephony”
Chair: TBA

SCIENCE AND SOCIETY IN AMERICA
Gamieny, Kevin, “An Irrreligionous Philosopher Must be Mad”: 
Public Lectures on Natural Philosophy and the Experiences of
Captain John MacPherson in 18th-Century Philadelphia
Krupar, Jason, “From Inner-Space to Outer Space: T. Keith
Gleason and the Science Managers of the Early Cold War”
Walls, Laura, “Cultivating Truth: Ralph Waldo Emerson’s Life in
Science”
Chair: TBA

Saturday, 10 November, 2001
7:30 a.m. to 9:00 a.m.
Guest Editorial Board Meeting
8:00 a.m. to 9:00 a.m.
FORUM FOR THE HISTORY OF SCIENCE IN
AMERICA COORDINATING COMMITTEE MEETING:
8:00 a.m. to 2:00 p.m.
Registration
8:00 a.m. to 5:00 p.m.
Book Exhibit
9:00 a.m. to 11:45 a.m.
* indicates session organizer(s)

ECOLOGY AND THE SOCIAL ORDER
“Cittadino, Gene, “Ecology on Trial: East Meets West on the
Texas-Oklahoma Border”
Cameron, Laura, “(Un)orthodox Ecologies: Succession and Social
Order in the Works of Mariette Pallis”
Potthast, Thomas, “Ethology Goes Environmentalist: Konrad
Lorenz’ Ecological Politics”

Anker, Peder, “From Bushman to Animal House: Towards a
History of Ecological Architecture”
Commentator: Paul, Philip
Chair: Cittadino, Gene

QUANTIFICATION AND MODELING IN SCIENCE AND SOCIETY
Zuidervaart, Huib J., “Limits on expectations: Quantification,
instrumentation and organisation in 18th century meteorology”
Maan, Harro, “Mesure experiments: Stanley Jevons’ construction
of evidence for theories”
“Staubhuis, Ida, “Biologists, not applied statisticians’ statistics
and genetics at the beginning of the 20th century”
de Gans, Henrik, “Modeling in applied population forecasting
prior to World War II”
van den Bogaard, Adriane, “The emergence of the aggregate
variable ‘Consumption’ and its measuring method, 1920-1955”
Chair: Staubhuis, Ida

RACE, CLASS, AND GENDER IN VICTORIAN ENGLAND
Rozwadowski, Helen, “We Must Not Forget the Women”:
Involvement of Women in Victorian Marine Science”
“Reidy, Michael, “Scientists’ and ‘Subordinate Labourers’-Class
and the Creation of Victorian Science”
Green-Messelman, Elizabeth, “Race and Science: Cape Colony
Natural History as Hybrid Knowledge”
Opitz, Donald, “Behind folding shutters of Whitingham House”:
Managing natural history and domesticity at the country estate after
the professional turn”
Commentator: Camerini, Jane
Chair: Reidy, Michael

‘MATHEMATIZATION’ RECONSIDERED:
WHAT TO DO WITH MATHEMATICS IN THE SCIENTIFIC REVOLUTION
Galle, Karl, “Nuremberg and De revolutionibus: Reflections on
the Biography of a ‘Mathematical’ Community”
“Sepkoski, David, “Mathematization and the ‘Language of Nature’
in the 17th Century”
Henninger-Voss, Mary, “Looking High and Low for a New
Philosophy: Mathematics and the Early Modern Print Market”
Shank, J. B., “There was no such thing as the Newtonian Revolution
and the French Initiated It”: Newtonian Mechanics in France Before
Maupertuis”
Chair and Commentator: Dear, Peter

PRACTICING THE HUMAN SCIENCES IN FIN-DU-SIECLE FRANCE
“Barberis, Daniela, “Darwinism, philosophers, and the moral
guidance of the French public”
Schroeder, Iris, “When Natural Space Meets Social Theory: The
Circulation of Friedrich Ratzel’s Models of Space in French
Sociology, History, and Human Geography around 1900”
Norris, Katharine, “Dangerous minds? The Science of Children’s
Lies in Fin-du-Siecle France”
Chair and Commentator: Brooks III, John

EXTENDED ORGANISMS:
BRAIN, MIND, AND ARTIFICIAL INTELLIGENCE
Crowther-Heyck, Hunter, “Mind and Network”
Dror, Otziel, “The Brain as Technology”
PRELIMINARY MEETING PROGRAM

Wittkowski, Matthew, “Playing Games: Chess, Automata, and Artificial Intelligence”
LeBlanc, Andre, “From Pascal to Hacking: Discourses Concerning the Machine”
Chair: TBA

REVISING STANDARD HISTORIES
Cohen, Benjamin, “The Element of the Table: Classifying Chemical Knowledge, from Affinity to Periodicity”
Harrison, Peter, “Voluntarism and Early Modern Science”
Hook, Ernest, “Different Voices were heard: Geneticists’ views in the 1930s and 1940s on the consequences of race crossing”
Chair: TBA

EVOLUTION AND 20TH-CENTURY ASTRONOMY
DeVorkin, David, “Evolutionary Thinking in American Astronomy from Lune to Russell”
Dick, Steven, “Cosmic Evolution and the Biological Universe”
Palmer, JoAnn, “Popular and Pedagogical Uses of Cosmic Evolution”
Chair and Commentator: TBA

12:00 p.m.
LUNCH SESSION
BEYOND THE HALLOWED HALLS: CAREERS IN HISTORY OF SCIENCE
Thackray, Arnold
Pang, Alex
Rothenberg, Marc
Hanson, Betty
Appel, Toby
Commentator: Thackray, Arnold
Chair: Cortes, Nathaniel

1:30 p.m. to 3:10 p.m.
* indicates session organizer(s)

TEXTS AND CONTEXTS IN MEDIEVAL SCIENCE
Dowd, Matthew, “Teaching the Composer: A Commentary on Grosseteste’s Componus Correctorius in MS Harley 4350”
Lozovsky, Natalla, “Geography in Early Medieval Europe: Decline or Development?”
Rutkin, H. Darrel, “The ‘Unnamed Master’ Revisited: Mathematics, Perspective and Astrology in Roger Bacon and Albertus Magnus”
Tourlaide, Alain, “Arabic Medicine in Greek Translation – How was it translated?”
Chair: TBA

PSYCHIATRY, PSYCHOLOGY, AND CULTURAL HISTORY
Schmidgen, Henning, “Time, psychology and telegraphy: The technological context of the reaction time experiment, 1860-1880”

Kroeker, Kenton, “Dreams as Experimental Objects in American Psychology”
Baatz, Simon, “American Psychiatry in the 1920s: The Leopold-Loeb Case”
Silverman, Chloe, “From Nervous Weakness to ‘Future Shock’: the Cultural History of Stress, 1890-1970”
Chair: TBA

TWENTIETH-CENTURY PHYSICAL THEORY
Arun, Robert, “Who Started the Electron Spinning?”
James, Jeremiah, “Naturalizing the Odd-Electron Bond”
Pesic, Peter, “Seeing Double: Shared Identities in Quantum Theory”
Chair: TBA

UNIVERSALITY AND PARTICULARITY IN SCIENTIFIC EPISTEMOLOGY AND PRACTICE
Popa, Tiberius, “Aristotle’s Method of Division in ‘Meteorology’ IV”
Heering, Peter, “The Role of Visualization in Jean Paul Marat’s Scientific Approach”
Maerker, Anna, “Experiments on Nature and Society: The tension between universality and locality in Benjamin Thompson’s late 18th-century reform projects”
Chair: TBA

DISSENT, CONTROVERSY, OPPOSITION: SCIENCE MARCHING TO A DIFFERENT DRUMMER
Exheb, Dan, “Science and Persecution: Joseph Priestley (1733-1804), the Dissenters and Anglican Newtonianism in Late Eighteenth-Century England”
Eberhardt, Martin, “Sound Differences on Tonal Distances: The Controversy Between Carl Stumpf and Wilhelm Wundt”
Sarkar, Sahota, “The Puzzle Posed by Plasticity: Berrill’s Denial of Genes for Development”
Marcum, James, “Reconstructing Opposition in Science: The DNA Provirus Hypothesis, the Central Dogma of Molecular Biology, and the Origins of Retrovirology”
Chair: TBA

SOCIAL SCIENCE, SOCIAL PROBLEMS IN THE TWENTIETH CENTURY
Russell, Mark, “Popularizing Eugenics: Sir George Archdall Reid and the Medicalization of Social Problems c. 1890-1910”
Dants, Elizabeth, “Eradicating Tuberculosis and Promoting Psychoanalysis: Vienna 1918”
Stapleder, Thomas, “‘Workers and their families do not eat statistics’: Econometrics from the ‘bottom-up’ during World War II”
Theerman, Paul, “Psychiatry and Social Progress after World War II: Julius Schreiber and the Institute for Social Research”
Chair: TBA

DIFFUSING SCIENCE IN THE POPULAR ARENA
Kneihaide, Rebecca, “The Many Hats of the 19th-Century Science Popularizer”
Hendrick, Robert, “Shaping Public Perceptions of Science in Late 19th-Century France: The Role of La Nature”
Saturday, 10 November, 2001
1:30 p.m. to 3:10 p.m.  
(continued)
Kupferberg, Eric, “‘Journey to the Invisible World’: Popular Microscopy as Popular Culture, 1918-1939”  
Barbara, Keith, “Popular Depictions of Scientific Detection”  
Chair: TBA

THE EXACT SCIENCES IN ANCIENT AND MODERN SOCIETY
Thibodeau, Philip, “Why Euclid’s Optics is Incompatible with Linear Perspective”  
Silva, Cibelle, “The struggle between quasimoderns and vectors: The historical origin of some misunderstandings in modern algebra”  
Timmons, Todd, “Tension between Practical and Theoretical Science in Nineteenth-Century America: The Case of Nathaniel Bowditch”  
Murray, Margaret, “Women Mathematicians in America: The Doctoral Classes of 1940-1959”  
Chair: TBA

3:30 p.m. to 5:30 p.m.  
* indicates session organizer(s)

RE-POSITIONING ASTRONOMY:  
EVOLVING PRACTICES, AUDIENCES, AND INSTITUTIONS
* Bigg, Charlotte, “Constructing space for the new astronomy: the public science of J. Norman Lockyer”  
Canales, Jimena, “Photogenic Venus: The ‘Cinematographic Turn’ in late nineteenth century astronomy”  
Commentator: Pang, Alex Soojung-Kim  
Chair: Warner, Deborah Joann

IDEOLOGIES OF MANAGING SCIENCE AND TECHNOLOGY
Kirchhoff, Jochen, “Redirecting research: Experiences from the Niigembuchener Deutschen Wissenschaft / Deutsche Forschungsgemeinschaft in the 1920’s”  
Leevey, Christophe, “Organizational innovations in electronic component manufacturing in Silicon Valley”  
* Westwick, Peter, “Business management philosophies and the Jet Propulsion Lab in the 1990’s”  
Commentator: Carson, Cathryn  
Chair: Mendelsohn, Everett

THE MUTUAL DEPENDENCE OF THE PUBLIC AND THE PERSONAL IN Victorian SCIENCE
* Richards, Joan, “Childhood and the Reach of Reason in the World of Augustus and Sophie de Morgan”  
* Porter, Theodore, “Statistics and the Unsavableable Self”  
Brown, Janet, “The Figure of Darwin in Evolutionary Debates: Celebrity and Caricature”  
Chair and Commentator: Outram, Dorinda

THE CREATION OF ORDER: SCIENTIFIC CLASSIFICATIONS IN THE 18TH AND 19TH CENTURIES
* Brian, Eric, “Classification as a mathematical competence among eighteenth-century geometers”  
* Mueller-Wille, Staffan, “Sandstone can as well hold gold”  
Classifying Non-Living Nature, 1730-1770”  
Lefevre, Wolfgang, “Ordering and Labelling —Grayton de Morevex and Lavosier’s Reform of the Chemical Nomenclature”  
*Klein, Ursula, “Experiments, formulae, and the order of organic matter”  
Chair: Bachwald, Jed

THE EXNER'S SCIENCE IN A VIENNESE BILDUNGSBUERGER FAMILY
* Coen, Deborah, “Family History and the History of Science: The Exner en famille”  
Hofer, Veronica, “Physiology gains space: On the meaning of Sigmund Exner’s Founding of the Phonogrammarchiv”  
Steinbrunner, Michael, “Franz Serafin Exner’s Indeterminist Theory of Culture”  
Commentator: Sarkar, Sahota  
Chair: Hacohen, Malachi

MANUFACTURING “CULTURE”: THE CULTURE CONCEPT IN MID- 
TWENTIETH CENTURY SOCIAL SCIENCES  
(Sponsored by the Forum for the History of Human Science)
Cohen-Cole, Jamie, “Defining Culture: The Intellectual and Institutional Unification Project of Cold-War Social Science”  
Robbe, Joy, “Coordinating the “Coordinating Science” for the New World Order: Physical and Cultural Anthropologists in the Postwar United States”  
* Weinstein, Debbie, “Diagnosing Culture and Family in the History of Family Therapy”  
Commentator: Carson, John  
Chair: Gilmore, John

COLLECTING, EXHIBITING AND PRESERVING:  
A CENTURY OF COLONIAL SCIENCE IN THE PACIFIC, 1850-1950  
(Sponsored in the Pacific Circle)
* Buh, Joshua, “Natives, God and Health: John Thomas Gulick Collecting in Hawaii”  
Krell, Gary, “Displacing Frontiers: The Pacific Science Board’s Campaign for Conservation”  
Commentator: Gueber, Janet  
Chair: Osborne, Michael

“YOU YOUTH ARE TERRIBLE PEOPLE...”: STUDENT CULTURE  
AND THE MORAL ECONOMIES OF MODERN PHYSICS
Hall, Karl, “Crushing the Enemy with His Own Weapon”: Maturin Young Soviet Cadres’ Master-Quantum Theory (and Stalinist Culture)”  
* Ito, Kenji, “Student Radicals’ in Science: Youth Cultures and the Roots of Quantum Physics Research in Interwar Japan”  
Kaiser, David, “The Postwar Suburbanization of American Physics”  
Chair and Commentator: Olesko, Kathryn

6:00 p.m. to 7:00 p.m.

HSS DISTINGUISHED LECTURE
* Science, Religion, and the Unification of Nature"  
John Brooke, Oxford University

7:00 p.m. to 8:00 p.m.  
HSS Reception
PRELIMINARY MEETING PROGRAM

8:00 p.m. to 10:30 p.m.
HSS Banquet

Sunday, 11 November, 2001
8:00 a.m. to 12:00 p.m.
Book Exhibit

9:00 a.m. to 11:45 a.m.
* indicates session organizer(s)

THE MATHEMATIZATION OF SCIENCE
Gingras, Yves, “What Did Mathematics Do to Physics?”
"Lagrange, Olivier, "The Mathematization of Monsters: Isidore
Geoffroy Saint-Hilaire’s Teratology”
Abraham, Tara, “Nicolai Rashevsky’s Application of Theoretical
Physics to Biological Problems, 1930s-40s”
Martin, Olivier, “The History of Factor Analysis: An Example of
Mathematization in the Humanities”
Chair and Commentator: Keller, Evelyn Fox

INTERNATIONALIZATION AND TRANS-NATIONAL COMMUNICATION IN
MATHEMATICS: INFLUENCE ON CONTEXT AND COMMUNITY
Parshall, Karen, “Bridging the Channel: The Contextualization
of British and French Contributions to Geometric Probability”
Biddle, Adrian, “G. H. Hardy, the London Mathematical Society,
and the Rise of British Pure Mathematical Research in the First Half
of the Twentieth Century”
Martini, Laura, “A Case Study in the Evolution of a Mathematical
Research Community in Pre-Unification Italy: Barnabé Tortolini
(1808-1874) and the Annali di scienze matematiche e fisiche”
"Hunter, Patti, "Statistics in the U.S. Comes of Age: A Case Study
in American Influence Abroad”
Chair and Commentator: Doseen, Joseph

ATOMIC OPPORTUNITIES AND CONSEQUENCES:
POSTWAR RADIOPHARMACOLOGY IN THE US, UK, AND FRANCE
Beatty, John, “Radiation Genetics in Atomic-Age and Cold-War
Eugenics”
"Creager, Angela, "Proliferating Radiotopes: The Atomic Energy
Commission’s Distribution Program and Postwar Biomedical Research”
Gaudillière, Jean-Paul, “Normal Pathways: Controlling Isotopes
and Building Biomedicine in Postwar France”
de Chadarevian, Soraya, “Radiobiology in Postwar Britain”
Kocher, Jerry, “Radiation Studies Following World War II: Nuclear
Warfare, Radiation Sickness and Treating Childhood Leukemia”
Chair: Cantor, David

HISTORY AND PHILOSOPHIES OF SCIENCE:
REVISITING A PRECARIOUS RELATIONSHIP
Schickore, Jutta, “The Historicity of Epistemological Terms:
Hangdog Notions of Error in Microscopy”
Manssens, Michel, “The role of unexplained coincidences in theory
construction and theory choice”
Gal, Ofer, “Freem Realism to Constructivism and Back Again:
Remarks on D. Bloost, B. Latour and I. Hacking”
"Stolte, Friedrich, "Experiments in the History and Philosophy of Science”
Chair and Commentator: Burian, Richard

TECHNE AND EXPERT KNOWLEDGE IN ANCIENT GREECE AND ROME
Cuomo, Sarafina, “Drawing the Line: Boundary Disputes in the
Greek-Roman Antiquity”
"Tetjberg, Karin, "A Geometry of Machines: Hero of Alexandria’s
Mechanical and Mathematical Treatises”
Schmerrmann, Astrid, “Does Technology Act Contrary to Nature?”
Schlesky, Mark, “Technè and Method in Ancient Medicine and
Mechanics”
Chair and Commentator: von Staden, Heinrich

THE LIFE SCIENCES AND THE CRISIS OF ETHICS, 1870-1945
"Weikart, Richard, "Darwinism, Monism, and the Search for a
Scientific Ethics in Germany, 1890-1914”
Hecht, Jennifer, "Atheism, Evolution, Nihilism, and a Transcendental
Turn: The Question of Secular Ethics in France, 1870-1914”
Hawkins, Michael, "Evolutionary Ethics and the Dilemmas of
Darwinism in Late Nineteenth-Century British Thought”
Dowbiggin, Ian, "Lives Not Worth Living: Charles Francis Potter,
Darwinism, and the Origins of the Euthanasia Movement in America”
Chair and Commentator: Larson, Edward

NEW TRENDS IN THE HISTORY OF SCIENCE:
NEW WORLD EXPERIENCES, SPAIN, AND THE STUDY OF NATURE
Sandman, Allison, “Questionnaires and observing instruments:
Standardization, credibility, and control of empirical observations
in Spain and Spanish America”
Calzada-Eguerra, Jorge, “How Derivative was Humboldt?
Microscopic Nature Narratives in Eighteenth-Century Spanish
America and Humboldt’s Ecological Sensibilities”
"Barrera, Antonio, "The Cosa de la Construccion and its Chamber
of Knowledge: Empirical Activities in the Spanish Empire”
Chair and Commentator: Boni, James

THE SCIENCES IN CONVERSATION WITH ONE ANOTHER: MEANINGS
AND USES OF NEWTONIANISM IN THE SIÈCLE DES LUMIÈRES
Torrail, Mary, “Conjectures and Empiricism in Enlightenment Life
Science”
Williams, Elizabeth, “The ‘Newtonian’ Defense of Medical
Vitalism in Eighteenth-Century France”
Kim, Mi Gyoung, “Newton in the Public Sphere of Chemistry”
"Evens, James, "Gravitation and Generation: Hypothesis in the
Thought of Charles Bonnet and Georges-Louis Le Sage”
Chair: Sloan, Phillip

MEETINGS

Thursday, 8 November, 2001
1:00 p.m. to 5:00 p.m.
HSS Council Meeting

Friday, 9 November, 2001
7:30 a.m. to 9:00 a.m.
ISIS Editorial Board Meeting
2001 TRAVEL GRANT APPLICATION FORM

Also available on-line at depts.washington.edu/hss/exec/travel.html

Name:________________________________________
Address:_____________________________________
City:_________________ Province/State:__________ Zip:_________
Telephone:_________________ E-mail:______________
Status (check one): Graduate Student: ___ Unaffiliated Scholar: ___ Junior Scholar: ___
HSS Member (check one): yes: ___ no: ___
Prior Grants Received (check applicable years): 2000: ____ 1999: ___
SOCIETY ACTIVITY IN DENVER:
Paper Presentation (title & session):_________________________

Society Committee (committee name):_______________________
Society Governance (activity):______________________________
Award Request: (US) *Airfare: $__________
Train: $__________
Auto (@.24/mile): $__________
*indicate the airport from which you will be departing:
Three References: 1._____________________________________
2._____________________________________
3._____________________________________

Please attach a current curriculum vitae to this application form. Send completed applications to HSS Executive Office, Attn.: Travel Grants, Box 351330, 236 Johnson Hall, University of Washington, Seattle, WA 98195-1330 by 1 September 2001. Questions about travel grants should be addressed to the HSS Executive Office: tel.: 206-543-9366; e-mail: hssexec@u.washington.edu.

2001 HSS Travel Agent: Sandra Courtney of Travel Concepts, Inc., 649 Strander Blvd., Suite F, Seattle, WA 98188; tel.: 206-686-1279, 877-474-2053 (toll free); Fax: 206-575-4289; e-mail: sctravel@hotmail.com.

COMMITTEE MEETINGS
Friday, 9 November, 2001
(continued)
7:30 a.m. to 9:00 a.m.
Women's Caucus Breakfast Meeting
12:00 p.m. to 1:30 p.m.
Forum for the History of Science in America Business Meeting
12:00 p.m. to 1:30 p.m.
Committee on Education
12:00 p.m. to 1:30 p.m.
Committee on Finance
12:00 p.m. to 1:30 p.m.
Committee on Honors and Prizes
12:00 p.m. to 1:30 p.m.
Dinner Committee Meeting
Saturday, 10 November, 2001
7:30 a.m. to 9:00 a.m.
Osiris Editorial Board Meeting
8:00 a.m. to 9:00 a.m.
Forum for the History of Science in America Coordinating Committee
12:00 p.m. to 1:30 p.m.
Committee on Meetings and Programs
12:00 p.m. to 3:00 p.m.
Committee on Publications
12:00 p.m. to 1:30 p.m.
Committee on Research and the Profession
12:00 p.m. to 1:30 p.m.
Nominating Committee
Sunday, 11 November, 2001
8:00 a.m. to 9:00 a.m.
Business Meeting
FUTURE MEETINGS

We invite you to peruse our Web site for listings of history-of-science-related meeting announcements and calls for papers. The following announcements have been edited for space. For a full description consult the HSS Web site at http://washington.edu/hssrc. Electronic listings of meetings are updated daily. For those who wish to publish a future meeting announcement or call for papers please send an electronic version of the posting to us via email at hssrc@washington.edu. The Society does not assume responsibility for the accuracy of any items, and interested persons should verify all details, especially deadlines, with the appropriate contact person.

Rachel Carson and the Conservation Movement: Past, Present and Future. Symposium at NCTC 10-12 August 2001. To celebrate the 60th anniversary of Rachel Carson’s first published book, Under the Sea Wind, and in anticipation of the 40th anniversary next year of Silent Spring, the National Conservation Training Center will hold a symposium on Rachel Carson and the Conservation Movement: Past, Present, and Future. The symposium will blend history, science, and the arts. The symposium will include readings, a Carson play, artwork from Carson’s books, experiential workshops in the Center’s labs and surrounding woods, and plenary sessions by distinguished scientists, writers, and conservationists. A tentative speaker list includes: Linda Lear, Barry Lopez, Theo Colborn, Sylvia Earle, Pat Hynes, Roland C. Clement, Chandler Robbins, David Pimental, Tom Butler, Mary Haney, Jim Kurth, Ward Feust and Diana Post. The event will be held in Shepherdstown, West Virginia, 70 miles west of Washington, D.C. The National Conservation Training Center is the home of the U.S. Fish and Wildlife Service and an educational facility for all conservationists. To learn more about the symposium and to register please visit the Carson Web site at www.nctc.fws.gov/history/carson2001.html.

Athena Research Conference. New Research on Women, Science and Higher Education, 25 September 2001. Royal Institution, 21 Albemarle Street, London W1S 4BS. 10 a.m. - 5 p.m. The conference aims to bring together the wealth of new research findings, to discuss how they can be used to improve the situation of women scientists in higher education, and to indicate where future research efforts should be directed. Of interest to scientists working in higher education, higher education policy makers and funding bodies, social scientists researching women’s employment, researchers and research managers and women’s organizations. Speakers will include national and international researchers and policy makers. Places are limited and early booking is advised. Please print out and complete the booking form and send it with a check for £65 (inclusive of VAT) payable to Universities UK, to: The Athena Project Universities UK, Weburn House 20 Tarvistock Square London WC1H 9HQ. Confirmation of booking details will be sent by the end of July. Dr. Diane Bebbington, Research Officer, the Athena Project http://www.athena.ic.ac.uk.

International Conference

ARTE E SCienza DELLE ACQUE NEI RNASCIMENTO
(Bologna, 4-6 October 2001)

The aim of the conference ARTE E SCienza DELLE ACQUE NEI RNASCIMENTO is to discuss four main themes, which are strictly interwoven. Firstly, the synergies between water technologies, economic development and political control (associated with land reclamation in the age of absolutism) that multiplied hydraulic activities and the needs of landscape and water management; secondly, the diffusion of new practices and new kinds of knowledge in the field of hydraulic technology (irrigation and land reclamation, new machines and treatises, techniques of river management); thirdly, the evolution of the professions of hydraulic architect, engineer and ‘perito’ (including new emerging professional figures such as cartographers and mathematicians, who were more and more involved in the water industry); fourthly, the multi-faceted area of the study of the motion of waters, which began to achieve the status of a science in the modern sense of the term just during the Renaissance age. The conference is organized by the University of Bologna – CIS (International Centre for the History of Universities and Science, Department of Philosophy) with the collaboration of the Department of Mathematics of the University of Ferrara, and will be held in Bologna in the recently restored Oratorio di S. Filippo Neri, via Manzoni 5, which will be put at our disposal by the Fondazione del Monte di Bologna e Ravenna. For further information, contact: Anna Guagnini, CIS/Dipart. di Filosofia dell’Università di Bologna, Via Zamboni 38, 40126 Bologna, Italy, tel. (+39)-0512098353, fax. (+39)-0512098331, e-mail: guagnini@afm.ubnbo.it.

I-3 November 2001. Universitat Pompeu Fabra, Barcelona. INTERNATIONAL WORKSHOP: Science and Power during the Cold War in the European Periphery. This workshop will analyze the ways in which social and political contexts shaped the life of science in Europe during the Cold War. It will pay particular attention to countries in the European periphery and to the consequences of Cold War alignments. Countries with non-democratic regimes, such as the former German DDR or Franquist Spain, are of interest, both for studying the interaction of science and non-democratic power and for comparing the life of science under capitalist and socialist dictatorships.

The language of the workshop is English. Proposals for papers (to be presented in 25-minute sessions) addressing any of the topics of the workshop are welcome. Please address a 1-page curriculum vitae and a 600-word abstract in English to: Albert Pressas i Poig, albert.pressas@humà.upf.es, Universitat Pompeu Fabra, Dept. d’Humanitats, c. Ramon trias Fargas 25, 08005 Barcelona; fax: 3493 542 1620. Deadline for proposals: 1 August 2001. Electronic submission encouraged.

Registration deadline: 15 September 2001.

Inquiries and Registration: huma@humà.upf.es.

Information: www.upf.es/huma/hciencia/activitats/workshop.htm
Sponsors: Universitat Pompeu Fabra; Departament d'Universitats, Generalitat de Catalunya; Spanish Ministerio de Ciencia y Tecnologia.

45 Annual Meeting. Fashioning the Future: Science, Technology, and Visions of Progress, 1-4 November 2001, Royal Sonesta Hotel, Cambridge, Massachusetts, USA. Broad theme areas include: Technology Studies; Science, Technology & Environment; Information Technologies; Ethics and Law; Medicine and Genetics; Science, Technology and War; Science Policy and Politics; Innovation Studies; Theory and Philosophy of Science; Race, Gender, and Class; Public Understanding of Science. For more detailed information, visit the conference Web site at web.mit.edu/sts/www/4a. For inquiries contact: Hugh Gusterson, STS Program, MIT, E51-296F, 77 Massachusetts Avenue, Cambridge, MA 02139; tel.: 617-253-7270; fax: 617-253-3363; e-mail: mailto:Gust@mit.edu Gust@mit.edu.

20-23 December 2001. The First International Conference of the New Millennium on History of Mathematical Sciences, Ramjas College, University of Delhi, Delhi 110007, India.

ORGANISERS: The Indian Society for History of Mathematics, Ramjas College, University of Delhi and other national institutions.

FOCUS: The conference will cover all aspects of the history of mathematical sciences including: mathematics, statistics, Operations Research and computer science and applications thereof to societal needs. In particular the conference will focus on mathematics from antiquity to the 20th Century and other areas.

The academic sessions will consist of invited plenary talks and contributed paper presentations. Papers covering topics pertaining to the above areas are invited for the conference. The authors are requested to submit the full version of their papers in the publishable form latest by 1 October 2001 along with the abstract. The Proceedings of the conference will be published.

The Registration fee of US $200 for foreign participants and Rs. 500 for participants from India is payable latest by 30 September 2001. All payments should be made either by a local Check or a Demand Draft drawn in favor of ICHM2001, Delhi and payable at New Delhi. All communications, including papers and payments, should be addressed to: Professor Y. P. Subbarwal, Organizing Secretary, ICHM2001, Department of Mathematics & Statistics, Ramjas College, University of Delhi, Delhi 100007, INDIA; e-mail: ichm2001rcj@yahoo.com, indiansmen@yahoo.com

The British Society for Eighteenth Century Studies (BSECS) will hold its next annual conference at Queens College, Cambridge, from 4 to 6 January, 2002. The conference has in recent years been largely devoted to the arts, but there have been some contributions on the history of science, and the society would like to expand the coverage of this area. Proposals for papers or panels would be most welcome.

The BSECS invites proposals for 25-minute papers on any aspect of literature, history, art, politics and society of the Long Eighteenth Century (1660-1800). We also welcome proposals for panels. Those proposing a panel should submit a 200-word abstract or a brief description of the proposed panel, including the names of the speakers and summaries of their papers, via the BSECS Web site at www.bsecs.org.uk. The deadline for submission of abstracts and panel proposals is 15 September 2001. All inquiries regarding the academic program of the conference should be addressed to the Program Coordinator Paulina Kawa (ppk@aber.ac.uk). You will be notified whether your proposal has been accepted by 30 September. The deadline for registration will be 15 November 2001. To attend the conference without giving a paper, request an application form direct from the Venue Organizer Mary Waldron (msaldron@brontenet.com; msaldron@uas.ac.uk). You can also download the registration form from the BSECS Web site.

Five bursaries of £100 each will be available for graduate students whose abstract has been accepted for presentation at the conference and who are registered for a higher degree at a UK institution of higher education.

The Southern Association for the History of Medicine and Science (SAHIMS) will hold its Fourth Annual Meeting at the Ochsner Institute in New Orleans on 22-23 February 2002. We invite paper proposals on the history of medicine, science, and technology broadly construed to include historical, literary, anthropological, philosophical, and sociological approaches. Please submit a brief abstract and one-page curriculum vitae (with phone, fax and e-mail addresses) to Michael Flannery, Reynolds Historical Library, Lister Hill Library of the Health Sciences, Birmingham, AL 35294-0013. The deadline is 1 September 2001.

Interdisciplinary Nineteenth-Century Studies (INCS) and George Mason University present: Nineteenth-Century Knowledges, INCS 17th Annual Conference. 11-14 April 2002. George Mason University, Fairfax, Virginia. Keynote Speaker: George Levine, Kenneth Burke Professor of English, Rutgers University. Paper or panel proposals are invited on any aspect of the politics of nineteenth century knowledge, including information, education, taste, disciplinarity, and science. Possible proposal topics might include but are not limited to: the politics of scientific knowledge and pedagogies in/on the nineteenth century; canons and canon formation; professionalizing information; and museums, exhibits, and exhibitions.

Send 200-400-word abstracts by 14 October 2001 to incs@gmu.edu. Notification of acceptance will be mailed electronically in December. Presenters must be members of INCS, an international group of scholars dedicated to interdisciplinary discussion and research. Sessions at the conference are devoted to discussion following 5-7 minute presentations. Complete papers are available in advance at the conference's password-protected Web site: www.can.gmu.edu/incs.

We invite academic papers of fifteen minutes duration on all aspects of Erasmus Darwin's life and work. If you do wish to give a paper, please send your provisional title before 31 July 2001 to: R.G. Armstrong, R.G. Armstrong, @bbam.ac.uk. Abstracts will be invited with the Second Circular. We intend to publish the best papers in the conference proceedings.

I-6 September 2002. The next Congress of the International Society for the History of Medicine will be held in Istanbul, Turkey. Its main topics will be, among others, "Medieval medicine, "Medicine in the Near East through history," and "The relation between Turkish medicine and the medicine of Eastern and Western Worlds." Deadlines: abstract submission: 15 November 2001; early registration: 1 May 2002. For further information on the Congress: President: Professor Dr. Nil SAR, e-mail: nilsari@tart.com OR nilsari@istanbul.edu.tr. Secretary: Dr. Yevsin ISIL ULMAK; e-mail: yesimsis@.yahoo.com OR yesimsis@superhostline.com; Organizer: Cnidas Congress & Tourism Agency: e-mail: sibel@codies-tr.com OR cndies@cndies-tr.com.

Re-assessing Caesalpium: Pathological measurement in science, technology, and medicine. Workshop at the 34th Annual Meeting of the German Society for the History of Medicine, Science and Technology, 28 September to 1 October 2001, in Hamburg, Germany. Abstracts (max. 400 words) of presentations within the suggested framework should be sent by 18 May 2001, to one of the organizers: Cornelius Borch, Center for Humanities and Health Sciences, Institute for the History of Medicine, Klinkenstrasse 119, D-12203 Berlin, Germany, cornelius.borch@medizin.huberlin.de. Volker Hues, Max Planck Institute for the History of Science, Wilhelmstrasse 44, D-10117 Berlin, Germany, schmidig@mpiwg-berlin.mpg.de.

Conference on the history of lightning rods to be held 4-6 November 2002 at The Bakken Library and Museum in Minneapolis, Minnesota (USA). (The conference is timed to precede the History of Science Society conference in Milwaukee, Wisconsin, 7-10 November 2002, for the convenience of scholars traveling from outside the USA.) The focus of the conference is not simply to commemorate the anniversary of a major technological achievement, but also to fill one of the desiderata in the history of science and technology. Organizers intend to approach the subject matter from a wide variety of perspectives: namely history of science and technology, mentality and literature. What were the symbolic and metaphorical uses of the lightning rod, e.g., in enlightened politics? The commodification of the lightning rod, related economic aspects, its appearance in fire insurance policies as well as its use by the military are also relevant. The organizers ask scholars from all fields interested in the topic to mail a brief description of their intended talk to oliver.hochadel@univie.ac.at and peter.heering@uni-oldenburg.de. The description should be sent by 31 July 2001.

Please note: Airpot information for the 2001 HSS meeting in Denver will be posted on the HSS Web site and will appear in the October Newsletter.

AMERICAN MATHEMATICAL SOCIETY

Eess in the History of Lie Groups and Algebraic Groups

Armand Borel, Institute for Advanced Study, Princeton, NJ

Lie groups and algebraic groups are important in many major areas of mathematics and mathematical physics. We find them in diverse roles, notably as groups of automorphisms of geometric structures, as symmetries of difference systems, or as basic tools in the theory of automorphic forms. The author looks at their development, highlighting the evolution from the almost purely local theory at the start to the global theory that we know today. Starting from Lie's theory of local analytic transformation groups and early work on Lie algebras, he follows the process of globalization in its two main frameworks: differential geometry and topology on one hand, algebraic geometry on the other. Chapters II to IV are devoted to the former, Chapters V to VIII, to the latter. The essays in the first part of the book survey various proofs of the full reducibility of linear representations of SL_c, the contributions of H. Weyl to representations and invariant theory for semisimple Lie groups, and conclude with a chapter on E. Cartan's theory of symmetric spaces and Lie groups in the large. The second part of the book first outlines various contributions to linear algebraic groups in the 19th century, due mainly to E. Study, E. Picard, and above all, L. Maurer. After being abandoned for nearly fifty years, the theory was revived by C. Chevalley and E. Kolchin, and then further developed by many others. This is the focus of Chapter VI. The book concludes with two chapters on the work of Chevalley on Lie groups and Lie algebras and of Kolchin on algebraic groups and the Galois theory of differential fields, which put their contributions to algebraic groups in a broader context.

Professor Borel brings a unique perspective to this study. As an important developer of some of the modern elements of both the differential geometric and the algebraic geometric sides of the theory, he has a particularly deep understanding of the underlying mathematics. His lifelong involvement and his historical research in the subject area give him a special appreciation of the story of its development.

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Suutala, Maria. Zur Geschichte der Naturerfahrung: Frau und Tier in der

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(Editor’s Note: The following review appeared in the online journal, Tech Directions. We gratefully acknowledge the journal’s editor, Tom Bowden, and the author, Tom Hull, for permission to reprint a portion of this review. The full review can be found at www.tecdirections.com/html/m_isis.html. Tom Hull teaches classes in metals, mechanics, and applied communications at South Umpqua High School, Myrtle Creek, Oregon.)

Isis, “an international review devoted to the history of science and its cultural influences” is the journal of the History of Science Society, an organization founded in 1924. The journal provides an excellent source of information for serious students of science history (about 5,000 people according to recent circulation figures).

Readers of Tech Directions are more inclined to be technologists than scientists, but we are in the same family and should keep in touch with our scientific cousins. Granted, the two families have not historically chummed around, especially in academic circles. At family reunions, the technologists come dressed in blue jeans and pull out their tools when the gas barbecue goes wrong, while the scientists come dressed in shirt and tie and discuss the BTU values of different fuels for the barbecue.

For all that, we have more in common than not, especially when it comes to the history of science and the history of technology; and the barriers to full communication are more artificial than real. This fact comes out when looking at the book review section of Isis. Many of the titles would be of great interest to history of technology students: “The History of Counting”; “The Development of the Arctic Submarine”; “From Steam to Diesel: The American Locomotive Industry.”

Questioned about the book reviews in Isis, Crocodile Dundee would say, “Now this is a book review section,” and throw back the covers to display over 90 book reviews in one issue. To assist the reader in selecting reviews of interest, the editors have kindly categorized the reviews by era (antiquity, middle ages, 17th century, 18th century, 19th century, and 20th century) and by subject (sociology and philosophy of science, reference tools, collections).

In addition to the mother of all book review sections, Isis also offers a trio of scholarly articles in every issue. With topics ranging from the obscure ("Severo Ochoa and the Biomedical Sciences in Spain under Franco") to those of a more general nature (such as the founding of ecology in the United States), the reader will find something of interest. Most people, for example, queried about works signifying the emergence of ecology as a field of study would cite Rachel Carson’s Silent Spring (1962) or other post-WWII books. They would be surprised to know that Stephen Forbes’ 1887 publication The Lake as a Microcosm was an important and widely read document about the synergistic effects of nature’s cycles and the effects humanity has on them. Finally, Isis shows us that those who study the history of science aren’t all stuffed shirts. They are as passionate and argumentative about the subject as any technologist arguing about the true importance of Pelton wheels.

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