

NEWSLETTER



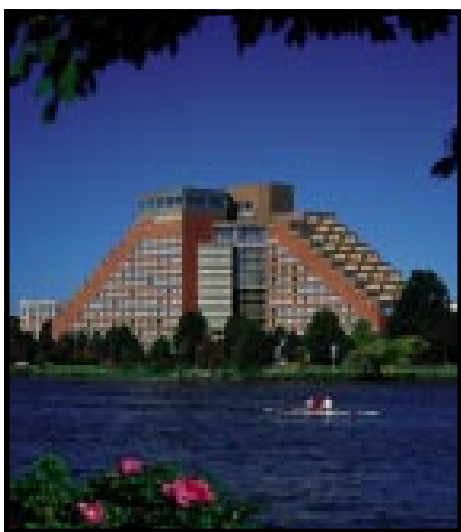
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July 2003

HISTORY OF SCIENCE SOCIETY

WELCOME TO CAMBRIDGE

By David Kaiser, *Massachusetts Institute of Technology*



HYATT REGENCY HOTEL,
CAMBRIDGE, MASSACHUSETTS

This year's annual meeting of the History of Science Society will be held on 20-23 November in Cambridge, Massachusetts. The meeting will take place at the Hyatt Regency hotel – near the Massachusetts Institute of Technology – which features beautiful views of the Charles River.

Those people who are flying in for the meeting might choose Logan International Airport in Boston, which is just five miles from the conference hotel. Travelers coming in from Logan Airport will benefit from one of the first actual products of the ever-fabled “big dig” construction project: a new tunnel connecting the airport to various highways. (If you haven't been to Boston in a while, you'll be amazed by the new access to and from the airport!) Both the Providence, Rhode Island and Manchester, New Hampshire airports are also relatively close; from either one you will need to take a bus for about one

hour to arrive in town. People who prefer the train can travel to Boston's South Station, and then pick up either the subway or a taxi to get to the conference hotel.

The Hyatt Regency is approximately one mile from the Kendall Square subway station, offering easy access to Cambridge and Boston. You can stroll through MIT's campus en route to the subway and take in the new buildings – some of them still under construction – including a Frank Gehry design that is guaranteed to bring knowing grins or frightened shrieks from all passersby. In an interesting non-Euclidean twist, you can even save some time on your way to the subway station by walking through MIT's famous “infinite corridor” (don't worry, it only seems infinite).

Harvard Square is just two subway stops away (or an inexpensive taxi ride), and features restaurants in nearly every style and price range. Two further stops on the subway bring you to Davis Square in northern Cambridge, which has blossomed during the past several years and now features quite a number of interesting restaurants. Both Harvard and Davis Squares feature terrific new and used bookstores, so you might want to browse the shelves before taking in a meal. Or you might want to sample the Italian restaurants in Boston's famous North End, right next to the Quincy Market and Faneuil Hall, also easily accessible from the subway.

The subway can carry you to many interesting sites around town. The Boston Aquarium, Museum of Science, Museum of Fine Arts, and the Isabella Stewart Gardner art museum are all close to subway stops. Or you can take in some shopping (or at least fancy window-shopping) on Boston's fashionable Newbury Street. If the weather

is nice, you might want to walk along the three-mile “Freedom Trail” that snakes through downtown Boston and Charlestown, featuring dozens of historic sites from the Revolutionary War era.

Cambridge and Boston are both great walking cities, so bring a comfortable pair of shoes. Cambridge in late November is likely to be a bit chilly, perhaps even with some snow, so come prepared with a warm jacket.

PLEASE JOIN HSS
IN CAMBRIDGE
FOR OUR 2003 MEETING

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Categories in the History of Science: Initiating a Discussion

Stephen P. Weldon, *Isis* Bibliographer

Most HSS members will now have had a chance to look over the 2002 *Current Bibliography*. Apart from some stylistic changes and the addition of a small subject index, the most significant difference between this *CB* and its predecessors is the new category schema. The changes here were driven by my belief that our discipline had changed so substantially over the last fifty years that the old category system did not adequately fit the needs of current scholars.

The changes that I introduced in the schema were the result of years of personal use of the *CB* and a several-month-long process of trial and questioning of colleagues in various subfields in the history of science. I passed draft copies to many people before I arrived at a form that seemed to most adequately capture a compromise between the old system and new needs. I then continued to make final adjustments as I struggled with the placement of actual citations.

As much as the final result seems to me to be a significant improvement on the old system, the true test of its success or failure is in its use. The bibliography is a tool for scholars throughout our discipline, and I invite all who are interested in the problem of categories to participate in a discussion about them.

To that end, I will be holding a forum at the next HSS meeting where I can meet members face to face and talk through some of the complex aspects of developing a category schema as well as think about the need for further changes. The discussion will take off from a couple of basic questions: what is working and what is not? and where would people like to see further changes? Essentially, I want to know from members and other interested parties how they think the *CB* can best serve them today.

Before the forum in November, however, I wish to invite people to write to me about the categories as they pick up and use the *CB*. The more I understand how the *Bibliography* is working for people and how it is not, the more I can focus our discussion at the meeting. Finally, if it turns out that a consensus begins to emerge urging more significant changes, I will try to form a working group of interested members to think through the matter and develop some concrete proposals.

The subject that I wish to focus on most specifically concerns the categories as they appear in the annual print version of the *CB*. Other related questions about the cumulative bibliography and the RLG database will be set aside, at least for the purposes of the November meeting.

As you think about the category problem, I would like you to consider how the categories can best be made to match actual usage and how much the bibliography should maintain continuity with past practice. In addition, consider how you as a user work with the print version of the *CB* and how that differs from your use of the online RLG database.

I look forward to hearing from you. Please write to me at the following address: Dr. Stephen P. Weldon, History of Science Society Bibliographer, Department of History of Science, 601 Elm St., Room 622, The University of Oklahoma, Norman, OK 73019; email: isiscb@ou.edu; tel.: 405-255-5187; fax: 405-325-2363. You may also submit comments via the internet using the form at the following URL: http://www.ou.edu/cas/hsci/isis/general_comments.html.

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HSS Newsletter

Editorial Policies, Advertising, and Submissions

The *History of Science Society Newsletter* is published in January, April, July, and October, and sent to all individual members of the Society; those who reside outside of North America pay an additional \$5 annually to cover a portion of airmail charges. The Newsletter is available to nonmembers and institutions for \$25 a year.

The *Newsletter* is edited and desktop published in the Executive Office on an Apple Power Macintosh system using Microsoft Word and Adobe PageMaker. The format and editorial policies are determined by the Executive Director in consultation with the Committee on Publications. All advertising copy must be submitted camera-ready. Advertisements are accepted on a space-available basis only, and the Society reserves the right not to accept a submission. The rates are as follows: Full page (9 x 7.5"), \$400; Horizontal or Vertical Half page (4.5 x 7.5"), \$220; Quarter page (3 x 5"), \$110. The deadline for insertion orders and camera-ready copy is **six weeks prior to the month of publication** (e. g., 20 November for the January *Newsletter*) and should be sent to the attention of the HSS Executive Office at the above address. HSS recommends that all camera-ready ads be sent via overnight or 2-day mail to the **physical** address above.

The deadline for news, announcements, and job/fellowship/prize listings is firm: **The first of the month prior to the month of publication**. Long items (feature stories) should be submitted six weeks prior to the month of publication as email file attachments or on a 3.5" disk (along with a hard copy). Please send all material to the attention of **Gail Alexander** at the HSS address above (email or disk appreciated).

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NEWS AND INQUIRIES

Science on the Stage

The New York City area recently hosted two science-related, one-act plays: Robert Marc Friedman's "Remembering Miss Meitner" and Lauren Gunderson's "Background." The performances were co-sponsored by CUNY's Science Center and the Martin E. Segal Theatre Center.

Gunderson's play focused on Ralph Alpher and the development of the Big Bang Theory through his work on cosmic background radiation.

Friedman's play was an effort to dramatize recent historical scholarship. The play examines the ways and means of remembering Lise Meitner's role in the discovery of nuclear fission. In the Swedish performances, Lise Meitner waves Ruth Sime's *Lise Meitner: A Life in Physics*, winner of the 1998 Watson Davis and Helen Miles Davis Prize, and Friedman's own *The Politics of Excellence: Behind the Nobel Prize in Physics* at Otto Hahn and Manne Siegbahn when confronting them with the fact that "we are no longer who we once were.... others are revealing that which we could never speak.... The time has come to set the record straight." Although largely silent while she lived, Meitner now uses the work of historians of science to confront Hahn and Siegbahn (representing the Nobel committees) over their inability to acknowledge her contributions.



Historical Geography, an annual journal, invites manuscripts for its 2004 issue. Each year, the journal has a special topic section, as well as research articles on any topic related to historical geography. All manuscripts are peer reviewed before acceptance. A guest editor is compiling manuscripts on the special topic section and we encourage the submission of manuscripts on any topic.

Manuscripts reviewed and revised by mid-autumn likely will be included in the spring 2004 issue. Information for authors can be found at: <http://www.ga.lsu.edu/hginfo.html>. Subscription information can be found at: <http://www.ga.lsu.edu/hgorder.html>. If you have questions, contact the co-editors: Craig Colten, ccolten@lsu.edu and Dydia DeLyser, dydia@lsu.edu.

The **Association of Learned and Professional Society Publishers (ALPSP)** has just made available, at <http://www.alpsp.org/socjourn1.pdf>, its guidelines for good practice when a journal is transferred from one publisher to another, as happens from time to time with society journals published under contract.

The guidelines were prepared in consultation with many ALPSP members, with particular input from Blackwell Publishing, Oxford University Press and the Royal Society of Chemistry. For more information, contact: Sally Morris, Secretary-General, South House, The Street, Clapham, Worthing, West Sussex BN13 3UU, UK; tel.: 01903 871686; fax: 01903 871457; email: sec-gen@alpsp.org. ALPSP Web site: <http://www.alpsp.org>.



Free Software for Historians

Exploring and Collecting History Online (ECHO) announces a new suite of free, user-friendly software suitable for historians interested in developing interactive Web sites. George Mason University's Center for History and New Media (<http://chnm.gmu.edu>) sponsors ECHO, a project dedicated to Internet-based collection and preservation of the history of science and technology (<http://echo.gmu.edu>). ECHO is funded by a grant from the Alfred P. Sloan foundation.

ECHO Managing Director Dan Cohen developed the software to address the needs of public and social historians interested in incorporating new media into their work. The three applications – Web Scrapbook, Survey Builder, and Poll Builder – help users organize Internet-based history projects and develop on-line surveys and polls.

To use these three applications, users must first sign up for a free CHNM tools account at <http://chnm.gmu.edu/tools/newaccount.php/>. Users with accounts may access the software at <http://chnm.gmu.edu/tools>. Both Web Scrapbook and Survey Builder include user manuals.

Support and help using the software is also available through ECHO. A preliminary version of ECHO's "Practical Guide" to collecting history through the Internet is available at <http://echo.gmu.edu/guide>. A fuller version will come out in 2004.



History of Science in Latin America Web Site

A new Web site is dedicated to the history of science in Latin America. It is designed as a bulletin-board where scholars and graduate students can post news, articles, and links to their own pages. It is sponsored by the Instituto de la Ciencia y la Tecnologia en America Latina (ICTA). The web address is: <http://www.ictal.org>.

HSS Executive Office is Moving to Florida

The Executive Office will make its transition to the University of Florida during the summer of 2003. After 31 July, all correspondence should be sent to History of Science Society, University of Florida, PO Box 117360, Gainesville, Florida 32611-7360. The email address, info@hssonline.org, will remain the same, as will our Web site address (hssonline.org). Up to the end of July, the contact information for the office, which appears on page 2 of the Newsletter, will be valid. Updates on the move will be posted on the HSS Web site.

HSS Editor's Office Moving to Toronto

On 1 January 2004, Bernard Lightman will become the ninth editor of the History of Science Society. The new editorial offices will be located at Bethune College at York University in Toronto, Canada. Further information about the transition, including notes on where to send manuscripts, will be printed in the October Newsletter.

Pilgrimage to Bolton's Grave

Henry Carrington Bolton died on November 19, 1903. Members of the **Bolton Society** plan to visit his grave in Tarrytown, NY, on November 19, 2003. To participate, contact: J. J. Bohning, Editor, *Boltonia*, Department of Chemistry, Lehigh University, 6 East Packer Avenue, Bethlehem, PA; tel.: 610-758-3582; email: jjba@lehigh.edu.



Call for Papers for *Boltonia*, Newsletter of the Bolton Society

2003 marks the centennial of the death of Henry Carrington Bolton, after whom the Bolton Society is named. As part of the commemoration of this event, issue Number 6 of *Boltonia*, to be published in December 2003, will be devoted to articles on Bolton. The Bolton Society is an organization of chemical bibliophiles operated through the Chemical Heritage Foundation in Philadelphia.

Please contact the editor if you would like to submit an article on Bolton, or if you would like to write an article but need suggestions for a topic: J. J. Bohning, Editor, *Boltonia*, Department of Chemistry, Lehigh University; tel.: 610-758-3582; email: jjba@lehigh.edu. For more information about the Bolton Society: <http://www.chemheritage.org/OthmerLibrary/boltonSociety.htm>.



Documenting the Working Life of a Physicist: Nobel Laureate Walter Kohn Gives Papers to UC Santa Barbara (Reprint from UCSB, Santa Barbara, Calif.)

The papers of **Walter Kohn**, winner of the 1998 Nobel Prize in Chemistry, will be preserved at the University of California, Santa Barbara for use by students and scholars nationwide.

Kohn, a condensed matter theorist, donated his extensive collection of notes, articles, manuscripts, research documents, and correspondence to Special Collections in Davidson Library. Biographers and historians of science will be drawn to the collection, which documents the working life of a physicist and includes materials related to Kohn's opposition to UC's peacetime nuclear weapons research and development and his work with organizations dedicated to international peace and the advancement of human rights.

Kohn has made seminal contributions to the understanding of the electronic structure of materials. He shared the Nobel Prize for his development of density-functional theory, which has revolutionized scientists' approach to the electronic structure of atoms, molecules, and solid materials in physics, chemistry, and materials science. With the advent of supercomputers, density functional theory has become an essential tool for electronic materials science.

Among his many accolades are the 1988 National Medal of Science from the United States and the 1998 Niels Bohr gold medal from the United Nations. The UCSB Libraries' Special Collections Department plans to publish an on-line guide to the Kohn Papers.

NEH Landmarks of American History Workshops

The Division of Education Programs of the National Endowment for the Humanities has announced a new funding opportunity. They have posted on the NEH Web site a Request for Proposals (RFP) for Landmarks of American History: Workshops for Teachers, housed in the Division of Education Programs. This is part of the "We the People" initiative, which encourages teaching, studying, and understanding of American history and culture. In the Landmarks of American History workshops, NEH envisions a series of intensive, one-week, residence-based workshops for groups of 50 or more school teachers that would take place at or near significant American historical sites. Eligible applicants include museums, libraries, cultural and learned societies, state humanities councils, colleges and universities, schools and school districts. Collaborative programs are encouraged. For details about the program, some sample projects, and application guidelines, go to <http://www.neh.gov/grants/guidelines/landmarks.html>. The deadline is *15 August 2003*.



Rockefeller Archive Center – Member News

Member Darwin H. Stapleton has served on the Advisory Committee and member Elizabeth Hanson has written the text for "Seeking the Secret of Life: The DNA Story in New York," an exhibit honoring the 50th anniversary of Watson and Crick's Nobel prize-winning discovery of the structure of DNA. The exhibit opened on February 25, 2003 at the Science, Industry and Business Library of the New York Public Library (188 Madison Avenue at East 34th Street in Manhattan) and will be on view Tuesdays through Saturdays until mid-August. A web-based version of the exhibit is at <http://nucleus.cshl.org/CSHLlib/DNAinNY/index.htm>. The exhibit features photographs and documents from the archives of Cold Spring Harbor Laboratory, the Rockefeller Foundation and the Rockefeller University, the latter two held at the Rockefeller Archive Center (Sleepy Hollow, New York; <http://www.rockefeller.edu/archive/ctr>), of which Stapleton is executive director.



Limited Edition Copy of Erasmus Darwin's *Temple of Nature* or *The Origin of Society*

The Erasmus Darwin Foundation has announced the release of a limited edition copy of the *Temple of Nature* or *The Origin of Society* written by Erasmus Darwin and originally published 200 years ago in April 1803.

Erasmus Darwin originally expressed his evolutionary ideas many years before but they were vilified by the Church; it was only after his death in 1802 that *The Temple of Nature* aka *The Origin of Society* was finally published, 56 years ahead of his famous grandson, Charles' version entitled *Origin of the Species*. Each book will be numbered and will be available from Erasmus Darwin House, Beacon Street, Lichfield WS13 7AD, on line from erasmus.d@virgin.net and by telephone 01543-306260 for £25.00 +pp.

For further information, please contact Christina Strang on 01666-510110.



DIBNER INSTITUTE FOR THE HISTORY OF SCIENCE AND TECHNOLOGY

DIBNER INSTITUTE FELLOWS PROGRAMS 2004-2005

The Dibner Institute for the History of Science and Technology invites applications to its two fellowship programs for the academic year 2004-2005: 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 Burndy 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; 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. Several considerations enter into the evaluation of applications. 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. The most important consideration, however, is the difference the proposed project promises to make within the field of the history of science and technology.

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 although, other things being equal, preference is given to candidates who have not previously been in residence as Fellows for a full year.

Scholars may apply to the Senior Fellows program for the Fall (Term 1), the Spring (Term 2) or both. Term 1 extends from August 1 through December 31, with full activities beginning on September 1; Term 2 extends from January

1 through May 31, with full activities beginning 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 that Senior Fellows apply for a two-term, full-year residency, if possible.

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 September 1 through August 15, and may be extended for a second and final year at the discretion of the Dibner Institute. A second year is not guaranteed, but reappointments will be considered in conjunction with the other applicants for that year.

Terms and Conditions

All Dibner Institute 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 work once during their fellowship appointments.

Fellowships provide office space, support facilities and full privileges at the Burndy Library and at the libraries of consortium universities.

Information about living expenses and the annual Dibner stipend is provided with the application forms. The deadline for receipt of applications for 2004-2005 is December 31, 2003. Fellowship recipients will be announced in March, 2004. 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
 Telephone: 617.253.6989
 Facsimile: 617.253.9858
 E-mail: dibner@mit.edu
 Web site: <http://dibinst.mit.edu>

Dibner Institute Names Senior Fellows, Postdoctoral Fellows, and Graduate Student Fellows for 2003-2004

The Dibner Institute for the History of Science and Technology is pleased to announce the appointments of the Dibner Institute Fellows for 2003-2004. The Institute will welcome fourteen Senior Fellows, seven Postdoctoral Fellows, five re-appointed Postdoctoral Fellows, and eight Graduate Student Fellows.

Dibner Institute Senior Fellows

Rachel Ankeny is Director/Senior Lecturer, Unit for History and Philosophy of Science, University of Sydney, Australia. She is the editor with Lisa S. Parker of *Mutating Concepts, Evolving Disciplines: Genetics, Medicine, and Society*, 2002 and the author of several articles on the history of model organisms as well as articles in bioethics. The project she will be working on while at the Dibner Institute is titled "Modelling Nervous Systems, 1880-1930: Debates over Choice of Materials and Techniques in the Correlation of Form and Function."

John P. Britton is President of Gryphon Research, Inc. He is the author of the articles "On Corrections for Solar Anomaly in Babylonian Lunar Theories," to appear in the volume of *Centaurus* (in press), "Remarks on a System A Text for Venus: ACT 1050," *Archive for History of Exact Sciences* 2001 (55), and, with Alexander Jones, "A New Babylonian Planetary Model in a Greek Source," *Archive for History of Exact Sciences*, 2000 (54). At the Dibner Institute he will be working on a comprehensive book about Babylonian lunar theory that includes consideration of all the more recently discovered cuneiform sources along with the previously available sources.

Gail Cooper, Associate Professor, Lehigh University, is the author of *Air-conditioning America: Engineers and the Controlled Environment*, 1998 and the articles "Love, War, and Chocolate: Gender and the American Candy Industry, 1890-1930," in *His and Hers: Gender, Consumption and Technology*, 1998 and "Custom Design, Engineering Guarantees, and Unpatentable Data: The Air Conditioning Industry, 1902-1935," *Technology and Culture*, 1994 (35). Her project while she is at the Dibner Institute is titled "A History of Statistical Quality Control, 1923-1980."

Ofer Gal is Head, Division of the History and Philosophy of Science, Ben Gurion University, Israel. He is the author of the book, *Meanest Foundations and Nobler Superstructures: Hooke, Newton and the Compounding of the Celestial Motions of the Planets*, 2002, the forthcoming article, "Constructivism for Philosophers," *Perspectives* and the entry, "Robert Hooke," in *Dictionary of Seventeenth Century British Philosophers*, 2000. His research proposal while at the Dibner Institute is titled "The Imperfect Universe," a continuation of his previous studies of Robert Hooke and his influence on Newton.

Robert Iliffe, Reader in History, Imperial College, U.K., is the Editorial Director of the Newton Manuscript Project. With Peter Spargo and John Young, he edited *A Catalogue of Isaac Newton's non-Scientific Papers*, 2001 and has contributed the following chapters to forthcoming works: "Persecution Complexes: the Historiography of Newton's Science and Religion," in *New*

Directions in the History of the Relationship between Science and Religion, 2003, edited by J. Brooke and "An Electronic Newton" in *Recent Newtonian Research*, 2003, edited by J. Force and S. Hutton. He plans to work on two projects while at the Dibner: first, complete his book on Newton's theological writings between 1670 and 1700; and second, integrate the Newton manuscripts presently at the Dibner and the Smithsonian Institute into the online resource managed at Imperial College by the Newton Project.

Myles Jackson, Associate Professor, Willamette University, is the author of the book, *Spectrum of Belief: Joseph von Fraunhofer and the Craft of Precision Optics*, 2000 and the forthcoming articles, "Harmonious Investigators of Nature: Music and the Persona of the German Naturforscher in the 19th Century," *Science in Context*, 2003 and "Can Artisans be Scientific Authors?" in *Scientific Authorship*, 2002. His research project at the Dibner Institute will explore the role of physicists and scientific instrument-makers in the standardization of musical pitch in 19th century Germany.

Elzbieta Jung-Palczewska is a Visiting Scholar in the Theology Department, Boston College and was a recipient of a Fulbright Foundation Fellowship, 2002-2003. She is the author of "Walter Burley, Tractatus secundus de intensione et remissione formarum accidentalium," forthcoming in *The British Academy* and "Richard Kilvington on Local Motion," in *Essays in Honor of Zenon Kaluza*, 2002. Her work at the Dibner Institute will be a study titled "Walter Charleton: Concept of the Science of Mechanics. A Transmission of Ideas from Galileo to Newton."

Irina O. Luther is a Senior Research Associate, Institute for the History of Science and Technology, Russian Academy of Sciences, Moscow. She is the author of "Metaphysics of Aristotle and kinematical-geometrical Investigations of al-Tusi and al-Shirazi," *Arabic Science and Philosophy* (in press), "Incommensurability of the Circumference and Diameter of a Circle in the Context of Aristotle's Doctrine: the Works of al-Tusi and al-Shirazi," *Istoriko-Matematicheskie Issledovaniya*, 2002 (7/42) (in Russian). At the Dibner Institute she will prepare a critical edition with complete English translation of the treatise, *On the Motion of Rolling and the Relation between the Plane and the Curve*, by the Iranian astronomer, mathematician and philosopher, al-Shirazi.

Rhonda Martens, Associate Professor, University of Manitoba, Canada, is the author of *Kepler's Philosophy and the New Astronomy*, 2000 and the articles "A Commentary on Genesis: Plato's 'Timaeus' and Kepler's Astronomy" in *Plato's Timaeus as Cultural Icon*, edited by Gretchen Reydam-Schils, 2001 and "Kepler's Solution to the Problem of a Realist Celestial Mechanics," *Studies in History and Philosophy of Science*, 1999 (30/3). The title of her project while at the Dibner Institute is "The Best of All Possible Worlds: Kepler's Influence on Leibniz."

David Mindell, Associate Professor, Program in Science, Technology, and Society, MIT, is the author of *Between Human and Machine: Feedback, Control, and Computing before Cybernetics*, 2002, *War, Technology and Experience Aboard the USS Monitor*,

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2000 and the editor of the forthcoming "Technology, Archaeology, and the Deep Sea." During his year at the Dibner Institute he plans to write a book on the history of computing and control systems on the Apollo Project in the 1960s.

Nicolas Rasmussen is Senior Lecturer, History and Philosophy of Science, University of New South Wales, Australia. He is the author of the book, *Picture Control: The Electron Microscope and the Transformation of Biology in America, 1940-1960*, 1997 and the articles "Of 'Small Men', Big Science, and Bigger Business: The Second World War and Biomedical Research in America," *Minerva*, 2002 (40-2) and "Steroids in Arms: Science, Government, Industry, and the Hormones of the Adrenal Cortex in the United States, 1930-1950," *Medical History*, 2002(46). He plans to work on the history of the development and use of the artificial pharmaceutical amphetamine and its derivatives from 1930 to 1965 while at the Dibner Institute.

Bruce Sinclair, retired from the faculty at Georgia Institute of Technology, is the author of the book, "Technology and the African-American Experience: Needs and Opportunities for Study" (in press), *New Perspectives on Technology and American Culture*, 1986, *A Centennial History of the American Society of Mechanical Engineers*, 1980 and the Dexter Prize-winning book, *Philadelphia's Philosopher Mechanics: A History of the Franklin Institute, 1824-1865*, 1974. While he is at the Dibner Institute he plans to work on a book titled "Engineering Hetchy Hetchy: Technics and Politics in the Progressive Era."

Edith Sylla, Professor of History at North Carolina State University, Raleigh, is the author of the forthcoming chapters: "Creation and Nature," in "Cambridge Companion to Medieval Philosophy," "Business Ethics, Commercial Mathematics, and the Origins of Mathematical Probability, to be published in "Oeconomies in the Age of Newton," and, with Alfonso Maierù, "Daughter of her Time: Anneliese Maier (1905-71) and the Study of 14th Century Philosophy," in *Women Medievalists in the Academy*. Her project at the Dibner Institute is titled "Mathematics and the Scientific Revolution: Leibniz and the Bernoullis."

Dibner Institute Postdoctoral Fellows

Babak Ashrafi received the Ph.D. in Physics at the Institute for Theoretical Physics, SUNY, Stonybrook. His dissertation for MIT's Program in Science, Technology, and Society is titled "Interrogatory Structures in the Production of Quantum Field Theory." He has been Co-Principal Investigator and Project Manager for the Sloan/Dibner History of Recent Science and Technology Project since May 2000. For his project as a Fellow, he proposes to build on his thesis, exploring alternative attempts to reconcile relativity and quantum mechanics in the context of renormalization theory.

Peter Bokulich successfully defended his dissertation, "Horizons of Description: Black Holes and Complementarity" in December, 2002 at the University of Notre Dame. He is currently Assistant Director for the Center for Philosophy and History of Science at Boston University. At the Dibner Institute he will be working on a project titled, "The Debate Over the Consistency of (Un-)Quantized Fields, 1929-1963."

Dane Daniel is a doctoral candidate at Indiana University, Department of History and Philosophy of Science, where he is working on his dissertation titled "Paracelsus' *Astronomia Magna* (1537-1538): Religion and the Scientific Revolution." He is the author of the forthcoming article, "Paracelsus on Baptism and the Acquiring of the Eternal Body," in *Paracelsian Moments*, edited by Williams and Gunnoe and "Paracelsus on the Lord's Supper: *Coena Dominij Nostri Jhesu Christi Declaratio*," A Transcription of the Leiden Codex Voss. Chym. Fol, *Nova Acta Paracelsica Neue Folge*, 2000 (16). At the Dibner Institute he plans to prepare his dissertation for publication, continue his work on unedited manuscripts of Paracelsus, and work on an English translation of *Astronomia Magna*.

Matthew Eddy will receive his Ph.D. from the University of Durham, U.K. in July 2003. He is the author of the following two articles in press: "The University of Edinburgh Natural History Class Lists, 1782-1800," *Archives of Natural History*, 2003 (30); "The Science and Rhetoric of Paley's Natural Theology, 'Literature and Theology,'" and "Scottish Chemistry, Classification and the Early Mineralogical Career of the 'Ingenious' Rev. Dr. John Walker (1749-1779)," *British Journal for the History of Science*, 2002 (35). His project while he is at the Dibner Institute is titled, "The Scottish Crucible: Medicine, Mineralogy, and the Nascent Earth Sciences in Enlightenment Edinburgh."

Gerard Fitzgerald is a Ph.D. candidate at Carnegie Mellon University. He is the author of the forthcoming entry, "Biological Warfare," *Encyclopedia of 20th-Century Technology*; and reviews of *War and Nature: Fighting Humans and Insects with Chemicals from World War I to Silent Spring*, *Chemical Heritage*, 2002 (33) and *Dust, A History of the Small and the Invisible*, *Environmental History*, 2002 (7-2). For his work at the Dibner he plans to complete articles from his dissertation research on the scientific and technological origins of the United States biological weapons programs.

Kristin Johnson is a graduate student in the History Department at Oregon State University, where she will receive her Ph.D. in spring 2003. Her dissertation is on Karl Jordan and the development of systematics before the evolutionary synthesis of the 1940s. At the Dibner Institute she will work on a study titled, "Karl Jordan and International Organization in Entomology (1910-1955): Ordering Natural and Disciplinary Diversity," a project for which she has already done extensive archival research at the Natural History Museum, London, the Smithsonian Institution, and the National Academy of Science.

David Pantalony, who received his Ph.D. from the Institute for the History and Philosophy of Science and Technology, University of Toronto, is the Visiting Curator of Historical Scientific Instruments at Dartmouth College. He is the author of the following articles in press: "Americans in Europe: the Purchasing Trip of Ira and Charles Young in 1853," *Bulletin of the Scientific Instrument Society* and "Do Collections Matter to the History of Science?" *Bulletin of the Scientific Instrument Society* and is working on an article on the history of the standard tuning fork. At the Dibner Institute he will continue writing a book titled, "The Instruments and Workshop of the 19th-Century Parisian Instrument Maker, Rudolph Koenig (1832-1901)."

Dibner Institute Postdoctoral Fellows Appointed to a Second Year

Nimrod Bar-Am received the Ph.D. with distinction from Tel Aviv University in 2000. He is currently completing a monograph titled "The Revolution in Logic: Formalization Translation Induction." Among his forthcoming papers are "A Framework for a Critical History of Logic" to be published in Sudhoff's Archive, and "Demarcation Problems in Linguistics" to be published in *Conceptus*.

Alain Bernard is currently a Teacher of Mathematics in the secondary school at Lycée Apollinaire and an Instructor of the History of Mathematics at Versailles-Saint Quentin University, France. He is the author of "Sophistic Aspects of Pappus' Collection" published in *Archive for the History of Exact Sciences* 57/2 (2003) and of "Ancient Rhetoric and Greek Mathematics: A Response to a Modern Historiographical Dilemma," forthcoming in *Science in Context* (2003/4). His research proposal while he is at the Dibner Institute is titled "Rhetoric and Mathematical Practice in Late Antiquity."

François Charette wrote the book, *Mathematical Instrumentation in Fourteenth-Century Egypt and Syria. The Illustrated Treatise of Najm al-Din al-Misri*, 2003. A work on the descriptions of the Islamic astrolabes in the National Maritime Museum (Greenwich, U.K.) will be printed by Oxford University Press, 2004. His project while at the Dibner Institute is titled "The Visual Language of Science in Islam."

Guido Giglioni has focused his studies on the notion of living matter in the early modern period. His main interests are Francis Glisson's theory of irritability, Francis Bacon's notion of appetitive matter, and Girolamo Cardano's natural philosophy. His research proposal while he is at the Dibner Institute is titled "Helmontianism and Late 17th-Century Anatomy: The Case of Francis Glisson."

H. Darrel Rutkin, received the Ph.D. at Indiana University (2002). He is the author of the article, "Celestial Offerings: Astrological Motifs in the Dedicatory Letters of Galileo's Sidereus Nuncius and Kepler's Astronomia Nova," in *Secrets of Nature: Astrology and Alchemy in Early Modern Europe*, eds. Newman and Grafton (2001). At the Dibner Institute he proposes to develop a book on the place of astrology in premodern western science, c.1250-1750.

Graduate Student Fellows

Bret J. Doyle received the B.A. in Philosophy and Theology from Boston College and the B.S. in Nursing from Northeastern University. Currently enrolled as a doctoral student, Center for Philosophy and History of Science, Boston University, he is writing his thesis about a major work of Descartes, *Rules for the Direction of the Mind*, to be titled "The Legitimate Fruits of Descartes' Rules."

Shane Hamilton, enrolled in MIT's Program in Science, Technology, and Society, received the B.A. in History from the University of Wisconsin-Madison. He is the author of "Long-Haul Trucking and Technopolitics of Industrial Agriculture, 1945-1970" in *The Technological Fix*, forthcoming and the article "The Economies and Conveniences of Modern-Day Living: The Mass Marketing of Frozen Foods, 1945-1965," *Business History Review*, forthcoming.

His doctoral thesis is titled "Trucking Country: Food, Farms, and Freight in America's Rural Industrial Landscape, 1945-1975."

Federica La Nava is a doctoral candidate in the History of Science Department, Harvard University. She received the M.A., History, at Tufts University and the Dottore in Lettere at University "La Sapienza" di Roma. She is the author, with Bruce Mazur, of "Reading Bombelli," *Mathematical Intelligencer*, 2002 (24:1) and "Speaking of Words, Speaking with Words: Abélard and the Study of Language and Logic." *Proceeding of Conference Abélard*, 2001. Her thesis focuses on the concept of belief in the truth of a mathematical proposition during four different historical periods.

David Lucsko is a graduate of the Georgia Institute of Technology and is enrolled in MIT's Program in Science, Technology, and Society. His dissertation is a study of the industry that caters to the wants and needs of those who choose to modify their automobiles for enhanced performance, the so-called "high-performance aftermarket" or "hot rod industry." It is titled "Performance Tuning and the Evolution of the American High-Performance Automotive Aftermarket, 1915-1985."

Eden Miller graduated from Princeton University, where she majored in Electrical Engineering, concentrating on signal and image processing, and Women's Studies. She is the author of the book review, "Decrypting Mathematics," *Technology and Society*, 2002 (Spring). Her dissertation, "The State Machine: Politics, Ideology, and Computation in Chile" examines how computer technology contributed to state ideological projects of modernization, progress, and socialism in Chile during the 1960s and 1970s.

Grace Y. Shen plans to receive the Ph.D., spring, 2004 from Harvard University's Department of the History of Science. She received the A.B. magna cum laude from Harvard-Radcliffe Colleges 1995. Her most recent professional activities have been as reviewer of *Seeking Modernity in China's Name: Chinese Students in the United States, 1900-1927*, *China Information*, 2002 (16.2) and as a session organizer, History of Science Society, "Crossing Borders, Claiming Spaces: Modern Geoscientific Exploration and the Construction of Place." Her thesis is titled "Unearthing the Nation: Modern Geology and National Identity in Republican China, 1911-1949."

Marga Vicedo-Castello, formerly Associate Professor of Philosophy, Arizona State University, received the Ph.D. in Philosophy of Science, University of Valencia, Spain, and is now a doctoral candidate at Harvard University's Department of the History of Science. She is the author of "Experimentation, Realism, and the Historical Character of Science" in *Biology and Epistemology*, 1999 and "the Laws of Heredity and the rules of Morality: Early Geneticists on Evolution and Ethics" in *Biology and the Foundations of Ethics*, 1999." Her thesis is titled "Human Nature and Mother Love: A History of the Maternal Instinct."

Chen Pang Yeang received the B.S. from National Taiwan University and the Sc.D. in Electrical Engineering from MIT, and is now enrolled in MIT's Program in Science, Technology, and Society. He is the author of the article, "The Study of Long-Distance Radio-Wave Propagation: 1900-1919" to be published in *Historical Studies of Physical and Biological Sciences*. The title of his thesis is "Characterizing Radio Channels: the Science and Engineering of Propagation and Interference, 1900-1935."

AWARDS, HONORS, AND APPOINTMENTS

David Cahan has been named Charles Bessey Professor of History at the University of Nebraska.

André Goddu, a specialist on medieval and early modern science and professor of history and philosophy of science, is Stonehill College's Distinguished Faculty Scholar for 2003.

The Stannard Memorial Award administered by the Department of History at the University of Kansas is pleased to announce that **Dr. Cheryl Lans**, University of Victoria, British Columbia, Canada, as the recipient of the Stannard Award 2003. Dr. Lans was selected for her work: "Recapturing European and Amerindian Plant Knowledge."

The American Philosophical Society is pleased to announce the appointment of **Martin L. Levitt** as the Society's Librarian. The Society was founded by Benjamin Franklin in 1743 "for promoting useful knowledge." Its internationally known Special Collections Library shares in this mission by serving scholars, particularly those interested in early American history, the history of science, and Native American languages and culture.

Michael North has been named the Head of the Book Collections ("Head of Books") by The History of Medicine Division, National Library of Medicine. His appointment to Head of Books, History of Medicine Division, was effective June 1, 2003.

Sara N. Shostak, a Ph.D. candidate in Sociology at the University of California, San Francisco, has been selected as the next DeWitt Stetten, Jr., Memorial Fellow in the History of Biomedical Sciences and Technology at the NIH. Ms. Shostak's project during her fellowship year will be "Modeling Carcinogenesis: Transgenic Research at the National Institute of Environmental Health Sciences, 1990-2000."

Conevery Bolton Valencius, assistant professor of history at Washington University in St. Louis, received the 2003 George Perkins Marsh Prize for the best book in environmental history from the American Society for Environmental History. Valencius received the award for her book, *The Health of the Country: How American Settlers Understood Themselves and Their Land* (New York: Basic Books, 2002).

George E. Webb was recently presented the Gaspar Perez de Villagra Award of the Historical Society of New Mexico for his latest book, *Science in the American Southwest: A Topical History* (University of Arizona Press, 2002).

Philip K. Wilson (Penn State College of Medicine) has been selected to participate in the John Templeton Oxford Seminars on Science and Christianity at Oxford University in England. The seminars at Wycliffe College will span three consecutive summers, enabling thirty-five scholars from around the world to engage in scholarly research in science and religion and to have dialogue with each other about their scholarship. Wilson's research project is "Glaciers, God, and Geography: Neuchatel's Arnold Guyot (1807-1884) at Princeton."

The Chemical Heritage Foundation has selected two recipients for the 2003 Othmer Gold Medal: **John D. Baldeschwieler** and **George S. Hammond**. The award ceremony and the annual Othmer Gold Medal Luncheon headlined the Heritage Day festivities at CHF in Philadelphia, Pennsylvania, on Thursday, 12 June 2003.

The Chemical Heritage Foundation (CHF) established the Othmer Gold Medal in 1997 to honor outstanding individuals who, like Donald Othmer (1904-1995), have made multifaceted contributions to our chemical and scientific heritage through outstanding activity in such areas as innovation, entrepreneurship, research, education, public understanding, legislation, or philanthropy.

The following HSS members were awarded Guggenheim Fellowships for 2003:

Paul N. Edwards, Associate Professor of History and Politics of Technology and Director, Science, Technology & Society Program, University of Michigan: The technopolitics of information infrastructure in South Africa.

Monica H. Green, Professor of History, Arizona State University: Medicine and culture in 12th-century Salerno.

Robert N. Proctor, Walter L. and Helen Ferree Professor of the History of Science and Co-Director, Science, Medicine and Technology in Culture Initiative, Pennsylvania State University: Acheulean handaxes and human origins.

Guggenheim Fellows are appointed on the bases of distinguished achievement in the past and exceptional promise for future accomplishment. The year 2003 Fellowship winners include 184 artists, scholars, and scientists selected from over 3200 applicants for awards totaling \$6,750,000.

CALIFORNIA INSTITUTE OF TECHNOLOGY GRANTS-IN-AID

The Victor and Joy Wouk Grant-in-Aid Program – new in 2003 – offers research assistance up to \$2000 for work in the Papers of Victor Wouk in the Caltech Archives. The Maurice A. Biot Archives Fund and other designated funds offer research assistance up to \$1500 to use the collections of the Caltech Archives. For all funds, applications will be accepted from students working towards a graduate degree or from established scholars. Graduate students must have completed one year of study prior to receiving a grant-in-aid. For the Biot award, preference will be given to those working in the history of technology, especially in the fields of aeronautics, applied mechanics and geophysics

For further information on holdings and online resources, please consult the Archives' Web page: <http://archives.caltech.edu>. Application forms may be downloaded from the web site (through the link "Grants-in-Aid") or may be obtained by email or by writing to the Archivist at Mail Code 015A-74, Pasadena, California 91125; tel: 626-395-2704 – Fax (626) 793-8756. Applications will be reviewed quarterly, on January 1, April 1, July 1 and October 1.

History of Science Grad Students have Best Showing with NSF in Six Years

This past April, the US National Science Foundation announced the recipients of its 2003 Graduate Research Fellowships. Of the 900 recipients, five will be studying the history of science. Not since 1998 have that many history of science students won Research Fellowships. Thirty-four history of science students applied this year, “a large increase over recent competitions.”

The fellowship offers three years of funding. Recipients are paid an annual

stipend, currently \$27,500, while their institutions receive a \$10,500 annual “cost-of-education allowance” in lieu of tuition. Fellows also have access to \$1,000 in travel funds, if they plan to spend at least three consecutive months abroad.

Applications are due in early November of each year. Incoming graduate students or current first-year students are eligible to apply. A key part of the application

is the student’s plan of research, which is intended to demonstrate the applicant’s ability to formulate a research question and a strategy for pursuing that inquiry; fellowship recipients are not required to pursue any particular line of research while on tenure.

In the following interviews, two 2003 Fellows discuss the experiences that led them to graduate school and the NSF.



Mara Mills, beginning her second year at Harvard

You earned a bachelor’s and a master’s degree from UC-Santa Cruz, and then taught high-school biology before taking up further graduate study. What prompted you to go back to school?

I can attach my decision to pursue a doctorate—and to interrogate the epistemology of the life sciences—to one precise moment: In December of 1999, I was invited by the Santa Cruz New Teacher Project to be part of a panel at the Annual Meeting of the Board of Directors of the AAAS. As fortune would have it, I found myself seated next to Stephen Jay Gould at the dinner table afterwards, and he encouraged me to apply to Harvard’s History of Science Department, after learning of my background in English and Biology.

What changes did you experience moving from California to Harvard?

Nearly two years later, I think I’m still experiencing “productive shock!” Both the ambient and more consequential aspects of my life/work have changed immensely: Pacific Ocean sounds are replaced by those of traffic; my days are spent in archives rather than catching newts or setting up lab stations; I’ve removed my lip piercing and purchased a winter wardrobe; my training in constructivist education and experimental biology is rapidly—and favorably—being supplemented by an appreciation for genealogical history and empirical philosophy.

What prompted you to apply for the NSF Fellowship?

I have two school-aged children, and, quite frankly, financial need was the greatest motivator for my application.

What topics do you plan to explore while a fellow?

I’m interested in the history of “biological time” in the 19th and 20th centuries. My plan of research centers on changing notions of death and the life cycle, and the traffic of these discourses between philosophy and the natural sciences. My questions range from the pragmatic to the epistemic: Who were the early biologists examining cell death and what were the material practices of their laboratories? How have molecular innovations altered previous renditions of human mortality? How does biological time differ from or cross with historical time? How does the “miniaturizing” emphasis on the cell, in most biological theories of death, translate into social statements and practices?



Sameer Shah, incoming graduate student at UCLA

While an undergraduate at MIT, you worked as a teaching assistant at a public high school in Cambridge. Have your STS classes changed the way you deal with students?

To be honest, not a terrible amount.

However, now in my students’ precalculus class, they hear a bit of history once in a while. I don’t want my students to think that math or science is done in an ivory tower. It makes it less approachable, I think, when students don’t realize science comes from real people. I had that misconception for much too long myself.

Your research proposal discusses the relationship between uncertainty and risk in the production of the atomic bomb. What do you hope to learn?

I’m not sure I’m going to pursue this line of research. The most important thing I would want to uncover in this study, if I do delve into it, is how the perception of risk informs action. Because more important than “actual danger” itself, I would hope to claim, is the “perception of danger” (or lack of danger).

In your application, you wrote that you first became interested in the practices of science when you read *Surely You’re Joking, Mr Feynman!* Your senior thesis dealt with apocalyptic concerns about accidentally creating black holes at Brookhaven National Labs. What do you say to people who think science is boring?

It doesn’t solve any problems to show people a video of an atomic bomb explosion or some beautiful fractal and say “How can you look at this and still say science is boring?” I think it is when people gain an understanding of science that they start seeing science as an exciting pursuit. For that you need motivated teachers. I have this problem every time I enter my classroom at the high school that I teach at. I have a large portion of students who think that mathematics is boring—but I think if it is taught as a venture of discovery rather than a set of ad hoc rules, the students appreciate it. I’m pretty sure the same applies in many of the sciences.

For further information on the NSF Graduate Research Fellowships, please visit <http://www.nsf.gov/grfp>.

CONFERENCE REGISTRATION FORM

electronic registration is strongly encouraged
<http://hssonline.org>

Meeting dates are **20-23 November 2003** (Cambridge, MA, USA)

Please note: Conference registration does **not** include hotel reservations. To reserve a room at the conference hotel, please see p. 13.

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:** _____

	EARLY REGISTRATION	REGULAR REGISTRATION (received after 20 October)	Number	Subtotal
HSS Member:	\$80.00	\$100.00	_____	_____
HSS Student Member:	\$45.00	\$55.00	_____	_____
Non-member:	\$105.00	\$125.00	_____	_____
Student non-member:	\$55.00	\$65.00	_____	_____
Low-income or retired:	\$60.00	\$70.00	_____	_____
Banquet:	\$45.00	\$45.00	_____	_____

Please circle meal choice:

Beef *Chicken* *Vegetarian*

Reception (Thursday evening):

Harvard Museum of Natural History:

\$5.00 each, cash bar (no more than four (4) tickets per order)

TOTAL OF ALL CHARGES: _____

Payment Information

Conference Registration Form and payment by check, money order, or credit card must be **received** by **20 October 2003** 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, Email Address: info@hssonline.org. (After 31 July, return to HSS, University of Florida, P. O. Box 117360, Gainesville, FL 32611-7360, USA.) All Rates Listed are in U.S. Dollars. Full refund if requested by **20 October 2003**.

Check (U.S. dollars) payable to the: **History of Science Society**.

Credit Card: VS MC AX Discover

Credit Card #: _____

Exp. Date: _____ Signature: _____

HOTEL RESERVATION FORM

The Hyatt Regency Cambridge is pleased to welcome the

HISTORY OF SCIENCE SOCIETY

20-23 November 2003

Schedule of Rates:

Single.....\$135.00
 Double.....\$135.00
 Triple.....\$160.00
 Quadruple.....\$185.00

Graduate Students:

A limited number of rooms have been reserved for you at the flat rates of \$65.00 and \$135.00. Please see p. 19 of the *Newsletter* for more information.

Terms:

- Room rates are subject to taxes, currently 12.45%.
- Check-in time is 4:00 p.m. and check-out is 12:00 p.m. Early check-in and late check-out subject to availability
- Cancellation notice for refunds is required 24 hours prior to scheduled arrival
- Special requests honored on a space-available basis
- Maximum four persons per room
- Business Level accommodations are an additional charge of \$20.00 per room subject to availability. Free internet and local calls.
- An early departure fee will be charged in the event a guest departs earlier than scheduled unless the reservation is changed before you check in.
- Guest parking at the hotel is \$20.00 per day.

Electronic registration is strongly encouraged: <http://hsonline.org/meeting/index.html>

Name: _____

Roommate(s) (if applicable): _____

Address: _____

City: _____ State/Province: _____ Zip/Postal Code: _____

Country: _____ Telephone: _____ Fax: _____

I will arrive on _____ I will depart on _____

- Single
 Double (2 persons/2 beds)
 Double (2 persons/1 bed)
- Roll-away bed requested (n/a in double rooms)
 Non-smoking room requested
 Accessible room requested
- Guarantee my room for late arrival. I have enclosed one night's room and tax deposit.
- Guarantee my room for late arrival. Please charge my credit card one night's room and tax: (please circle one)

Please make reservations no later than **20 October 2003**.

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:

Hyatt Regency Cambridge

575 Memorial Drive

Cambridge, MA 02139 USA

Or, to make reservations by phone call toll free **1-800-233-1234**.

Fax: **1-617-491-6906**.

Identify yourself as attending the History of Science Society to receive the group rate.

Reservations must be received by **20 October 2003** to receive the special rate.

Credit Card: AX VS MC DC Discover

Credit Card #: _____

Exp. Date: _____ Signature: _____

GRANTS, FELLOWSHIPS, AND PRIZES

The following announcements have been edited for space. For full descriptions and for the latest announcements, please visit our Web site (<http://www.hssonline.org>). 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. Those who wish to publish a grant, fellowship or prize announcement should send an electronic version of the posting to newsletter@hssonline.org.

American Philosophical Society, Research Programs. Information and forms for the Society's programs can be downloaded from <http://www.amphilsoc.org>. Click on "Grants" on the homepage. Applicants may be residents of the United States, or American citizens resident abroad. Foreign nationals whose research can only be carried out in the United States are eligible. Grants are made to individuals. Institutions are not eligible to apply. There are specific requirements for each program.

The **ASME History and Heritage Committee** recognizes outstanding published work by an engineer dealing with the history of mechanical engineering through its Engineer-Historian Award. The award with its honorarium and certificate has been presented annually since 1990, to recipients such as C. Lyle Cummins, Jr. (*Internal Fire: The Internal Combustion Engine 1672-1900*), John H. Lienhard (published historical works, including "Snares of Pool Boiling Research: Putting Our History to Use"), and Walter G. Vincenti (*What Engineers Know and How They Know It*). For a complete roster of recipients, visit www.asme.org/history/engaward.html.

Criteria include subject matter, depth of treatment, the technical level of the material, and the historical significance of the subject matter. Preference is given to those publications dealing with the art and science of mechanical engineering. Candidates must be or have been active in the practice of the art and science of engineering, including managers, teachers, and museum professionals directly concerned with mechanical engineering or with historical artifacts (provided they have been trained as and practiced as engineers).

Deadline for submission no later than *1 April 2004*. Submit a letter of recommendation, a short biography or resume, and a single copy of the nominated work (if a book) or five photocopies (if an article) to the History and Heritage Committee, c/o ASME Public Information, Three Park Avenue, 23S2, New York, NY 10016-5990. English translations must accompany submissions in other languages. Referred and self-nominations are accepted.

The **German Chemical Society** (Gesellschaft Deutscher Chemiker) extends an international invitation for applications for the Paul Bunge Prize 2004 of the Hans R. Jenemann Foundation, which is administered by the German Chemical Society and The German Bunsen Society for Physical Chemistry (Deutsche Bunsen-Gesellschaft für Physikalische Chemie). The 2004 award consists of 7,500 Euros – and should honor outstanding publications in German, English, or French in all fields of the history of scientific instruments. Besides the scientific work, applications should also include a curriculum vitae and – if available – a list of publications of the applicant. The deadline for applications is *30 September 2003*.

Applications for one's own work as well as proposals for honoring other persons' work can be submitted. The Advisory Board of the Hans R. Jenemann Foundation will decide on the prize-winner. The award will be presented on the occasion of the Bunsentagung in May 2004.

Please send nominations to: Gesellschaft Deutscher Chemiker, Jutta Bröll, P.O. Box 90 04 40, D-60444 Frankfurt/Main OR Gesellschaft Deutscher Chemiker, Jutta Bröll, Varrentrappstr. 40-42, D-60444 Frankfurt/Main; tel.: +49 69/7917-323; fax: +49 69/7917-307; email: j.broell@gdch.de; Web site: <http://www.gdch.de>.

The **Institute for Advanced Study** announces Memberships in the School of Historical Studies for the Academic Year 2004-2005. The Institute for Advanced Study was founded in 1930 as a community of scholars in which intellectual inquiry can be carried out in the most favorable circumstances. The School of Historical Studies supports scholarship in all fields of historical research, but is concerned principally with the history of western, near eastern and far eastern civilizations, with particular emphasis upon Greek and Roman civilization, the history of Europe (medieval, early modern, and modern), the Islamic world, East Asian studies, the history of art, and modern international relations. Qualified candidates of any nationality are invited to apply for memberships. Residence in Princeton during term time is required. The only other 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. 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, www.hs.ias.edu, or they can be obtained from the Administrative Officer, School of Historical Studies, Institute for Advanced Study, Einstein Drive, Princeton, New Jersey 08540; email: mzelazny@ias.edu. Completed applications must be returned to the Administrative Officer by *15 November 2003*.

The **International Union of the History and Philosophy of Science, Division of History of Science (IUHPS/DHS)** invites submissions for the first DHS Prize for Young Scholars to be presented in 2005. The DHS Prize is awarded by IUHPS/DHS every four years to four young historians of science for their successful doctoral dissertations, completed after July 2001, which represent significant contributions to the History of Science. It is distributed as one prize in each of the following fields of focus: Western civilization; Islamic civilization; Far Eastern civilization; South Asian civilization; Ancient civilizations (not included in the above categories). Each prize consists of a certificate and coverage of travel and accommodation expenditures for participation in the IUHPS/DHS Congress. The prizes will be presented to their winners during the IUHPS/DHS Congress to be held in July 2005. Submission deadline: *31 August 2004*; Prize Committee meeting: January 2005; Award Ceremony: during the 2005 Congress. Eligibility. Applicants must have a doctorate degree on the subject of history of science, awarded in or after July 2001. Language. For theses that are in any language other than English; a detailed summary in English, not longer than

20 pages, should be submitted. Application Procedure. Applications must be made in English and submitted to the Office of the DHS President at the address below by mail. For complementary information, applications and submissions, please write to: IUHPS/DHS President's Office (Professor E. Ihsanolu), P.O. Box 24, Beikta, 80692 Istanbul, Turkey; tel.: 90-212-260 07 17/; fax: 90-212-258 43 65/; email: ircica@superonline.com.

The John Scholes Prize, of up to GBP250, is awarded annually by the *Journal of Transport History* to the writer of an unpublished essay based on original research into any aspect of the history of transport, traffic and mobility. The prize is intended for younger scholars or recent entrants to the profession and may be awarded to the writer of one outstanding article or divided between two or more entrants. Publication in the *Journal of Transport History* will be at the discretion of the Editor. General Rules. To be eligible for the prize the candidate must not yet: (a) be in a permanent academic position, (b) have published an academic monograph or have a publication in a major academic journal. Essays must not exceed 8000 words (including footnotes), must be fully documented, typewritten with double-line spacing, and submitted in English. Entries (three copies, stating the number of words) should be sent in hard-copy only to arrive no later than *31 July 2003* for the current competition. Essays should not bear any reference to the author, either by name or department; candidates should send a covering letter with documentation of their status. The judges will not enter into correspondence. Entries for the prize should be sent to Professor Colin Divall, Institute of Railway Studies & Transport History, National Railway Museum, Leeman Road, York, YO26 4XJ, UK. Inquiries may be made by email to cd11@york.ac.uk.

The National Humanities Center Fellowships 2004-2005 offers 40 residential fellowships for advanced study. Applicants must hold a 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 other than 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: most of the Center's fellowships are unrestricted.

ACLS Burkhardt Fellowships for Recently Tenured Scholars: The National Humanities Center is a participating institution in the Frederick Burkhardt Fellowship Program of the American Council of Learned Societies. Nine Burkhardt Fellowships are offered annually to faculty in the humanities and related social sciences who have begun tenured contracts at U.S. or Canadian institutions during the five years preceding their proposed fellowships. Application must be made directly to the ACLS by *1 October 2003*. Further information and applications are available from the ACLS Fellowship Office, 228 East 45th Street, New York, NY 10017-3398; email: grants@acl.org. Please state clearly that you wish to apply for the ACLS Burkhardt Fellowships. Stipends: Fellowships up to \$50,000 are individually determined.

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 obtain the form and instructions from the Center's Web site. Applications and letters of recommendation must be postmarked by *15 October 2003*. Materials may also be requested via e-mail at 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.

The Radcliffe Institute for Advanced Study at Harvard University awards approximately 30 fully funded fellowships each year. Radcliffe Institute fellowships are designed to support scholars and scientists, as well as artists and writers of exceptional promise and demonstrated accomplishment, who wish to pursue work in academic and professional fields and in the creative arts. Applicants must have received their doctorate or appropriate terminal degree by December 2002 in the area of the proposed project. Radcliffe welcomes proposals from small groups of scholars who have research interests or projects in common. Please check the Web site for more information. The stipend amount is \$50,000. Fellows receive office space and access to libraries and other resources of Harvard University. During the fellowship year, which extends from 13 September 2004 through 30 June 2005, residence in the Boston area is required as is participation in the Institute community. For more information, visit <http://www.radcliffe.edu>. Write, call, or email for an application: Radcliffe Application Office, 34 Concord Avenue, Cambridge, MA 02138; tel.: 617-496-1324; fax: 617-495-8136; email: fellowships@radcliffe.edu. Applications must be postmarked by *1 October 2003*.

The Department of History at the University of Kansas announces the 2004 competition for the annual Stannard Memorial Award in honor of the late Professor Jerry Stannard. The award encourages research by young scholars in the pre-1700 fields that Professor Stannard made his own: the history of *materia medica*, medicinal botany, pharmacy, folklore of drug therapy, and the bibliography of these areas.

The competition is open to graduate students and to recent recipients of a doctoral degree (the Ph.D. degree or an equivalent), conferred not more than five years before the competition deadline.

Manuscripts must be in English, French, or German. Only one paper by any author may be submitted in any given year. Each entry should be typewritten, double-spaced, and no longer than 50 pages, including notes, bibliography, and appendices. Entrants should keep copies of their manuscript, since manuscripts submitted will not be returned. Each manuscript must be accompanied by: (a) a one-page abstract of the paper in English; (b) a current curriculum vitae of the author; and (c) a letter of recommendation from an established scholar in the field. Entrants who reside in the United States are also requested to indicate their home address and social security number.

Entries must be received no later than *15 February 2004*. The award will be announced on or about 15 May 2004. All manuscripts and correspondence should be addressed to: The Stannard Award Committee, ATTN: Professor Victor Bailey, Department of History – University of Kansas, Wescoe Hall, 1445 Jayhawk Blvd., Room 3001, Lawrence, KS 66045-7590, USA.

JOBS

The following announcements have been edited for space. For full descriptions and for the latest announcements, please visit <http://www.hssonline.org>. The Society does not assume responsibility for the accuracy of any item, and interested persons should verify all details. Those who wish to publish a job announcement should send an electronic version of the posting to newsletter@hssonline.org.

Assistant or Associate Professor (untenured). History of modern science, medicine, and technology, 1750 to the present, **Harvard University**. Specific fields of interest include: the physical sciences; non-European and non-US medicine; environmental and other sciences; technology and bio-technology; and medieval/pre-modern science. We are looking to fill two positions. We will consider approaches to the material that may be principally historical or that may join the history of science with anthropological, sociological, philosophical, or literary approaches. Applicants will be expected to teach courses at both the graduate and undergraduate levels. The appointment will begin July 1, 2004 and completion of the Ph.D. prior to the appointment should be expected. Candidates are asked to submit a curriculum vitae and three letters of reference, and include with the dossier a writing sample. Materials should be sent to Prof. Evelyn M. Hammonds, Chair, Search Committee, Department of the History of Science, Science Center 235, Harvard University, Cambridge, MA 02138. Deadline for the application is *15 October 2003*. Harvard is an AA/EOE. The University welcomes applications from minority and women candidates.

Acquisitions Editor – Sciences, **University of Chicago Press, Books Division**. Reports to: Editorial Director for Humanities and Sciences. See the job listings on the HSS Web site for more details.

The Department of History at **Yale University** intends to appoint an Assistant or Associate Professor in the history of the physical sciences and/or related technologies beginning 1 July 2004. Duties will include teaching in the History Department and in the University's Graduate Program in the History of Science and Medicine. Field, region, and period are open, but preference will be given to applicants knowledgeable about the history of these subjects in the European tradition since 1800. The search committee will begin considering applications on *15 September 2003*. 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, a statement about their work and professional plans, and a sample of their scholarly writing such as a dissertation or book chapter or article to Professor Daniel Kevles, Chair, History of Science Search Committee, Department of History, Yale University, P.O. Box 208324, New Haven, CT 06520-8324.

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FUTURE MEETINGS

The following announcements have been edited for space. For full descriptions and for the latest announcements, please visit our Web site (<http://www.hssonline.org>). Electronic listings of meetings are updated every Friday morning. The Society does not assume responsibility for the accuracy of any item, and interested persons should verify all details. Those who wish to publish a future meeting announcement or call for papers should send an electronic version of the posting to newsletter@hssonline.org.

Erasmus Darwin House lecture program 2003: Wednesday 16th July – Helen Ruthven – Georgian Fashions & Fripperies; Wednesday 13th August – Charles Darwin & the Wedgwoods – Near and Dear Friends (Please note – this lecture will be held at Lichfield Cathedral Visitor Centre); September (Date TBC) – Desmond King-Hele – Erasmus Darwin his Life & Letters. All lectures take place at Erasmus Darwin House and begin at 7 p.m. unless otherwise stated. Tickets are available at a cost of £4 (including refreshments). Address; Erasmus Darwin House, Beacon Street, Lichfield, WS13 7AD, 01543 306260; email: erasmus.d@virgin.net; Web site: <http://www.erasmusdarwin.org>.

VII International Congress on the History of Oceanography, 8-14 September 2003. Congress Theme: International Collaboration in the Research of the World Ocean. Special symposium: Bicentenary of the First Russian Round-the-World Expedition (1803-1806). The official languages of the congress are Russian and English. The congress organizational committee is willing to offer help in obtaining Russian visas for the period of the congress. For registration information contact us at: Museum of the World Ocean, Russian Federation, 236006, Kaliningrad, Naberezhnaya Petra Velikogo, 1; tel.: (+7) 0112 - 436 302; fax: (+7) 0112 - 340 211; email: postmaster@vitiaz.koenig.su. Visit <http://www.vitiaz.ru> for more information.

A symposium to commemorate Herbert Spencer 1820-1903, founding father of modern sociology will be held at the **Linnean Society**, London on 18 September 2003. Speakers include J. D. Y. Peel on Spencer in the twentieth century, Robert J. Richards on Spencer and Darwin, John Laurent on Spencer and Economics, Thomas Dixon on Spencer and Altruism, Naomi Beck on Spencer in Italy and France, and Greta Jones on Spencer and his Circle. Admission is free but by ticket only. Applications to: The General Secretary, The Galton Institute, 19 Northfields Prospect, London SW18 IPE, United Kingdom; email: Betty.Nixon@talk21.com.

The **1st Annual Joint Atlantic Seminar for the History of Medicine** will be held the weekend of 3-5 October 2003 at the Institute of the History of Medicine at The Johns Hopkins University, Baltimore, Maryland. The seminar is organized and coordinated by graduate students working in fields related to the history of medicine to foster a sense of community and provide a forum for sharing and critiquing graduate research by peers from a variety of institutions and backgrounds. For more information, see <http://www.jointatlantic.org> or send inquires to the graduate student coordinator: "S. Ryan Gregory" (scgregor@sas.upenn.edu).

Society for the Social Studies of Science (4S). Program Chair: Roland Bal. Conference Web page for Online Registration and Information, 2003 Annual Meeting, Jointly with the Society for History of Technology, 16-19 October 2003 in Atlanta, Georgia, USA. Visit <http://www.lsu.edu/ssss/meetings.htm> or <http://www.4sconference.org/> for more information. For further inquiries, contact: Roland Bal, Department of Health Policy and Management, Erasmus MC, P.O. Box 1738, 3000 DR, Rotterdam, The Netherlands; tel.: +31 10 408 2506; fax: +31 10 408 9094; email: r.bal@bmg.eur.nl.

Digital Scholarship: 'Doing History' with Technology. American Association for History and Computing Conference (AAHC), Washington DC, 8-11 January 2004. To celebrate the association's eleventh year of activity, the 2004 conference will be held in conjunction with the Annual Meeting of the American Historical Association at the Marriott Wardman Park and Omni Shoreham hotels in Washington, DC. For this year's theme, the AAHC solicited presentations that employ new technologies to represent the past in new ways, or that offer new narratives, interpretations and arguments, such as through GIS mapping, VRML, virtual reality, etc. Information about the conference can be found on the association's Web site. Please direct all correspondence and inquires to: Dennis Trinkle, Executive Director, AAHC, DePauw University, 603 South College, Julian Center, Room A106, Greencastle, IN 46135-1669; tel.: 765-658-4592; fax: 877-828-2464; email: dtrinkle@depauw.edu. Visit the Web site at <http://www.theaahc.org>.

The **AMS Presidential History Symposium**, sponsored by the American Meteorological Society (AMS) and organized by the AMS History Committee, will be held 13 January 2004, as part of the 84th Annual Meeting in Seattle, Washington. Preliminary programs, registration, hotel, and general information will be posted on the AMS Web site (<http://www.ametsoc.org/AMS>) in mid-September 2003. The 84th Annual Meeting is being organized around the broad theme of "prediction." Papers that broadly address historical issues of "prediction" in the development of scientific theory and applications in the geophysical sciences are solicited. Possible themes might include the role of patronage in determining what gets predicted, how disciplinary communities determine the predictability of an event or phenomena, how the public has viewed scientific prediction, scientific controversies surrounding predictions, and how predictions have affected the development of governmental policy. Historians of science and scientists engaged in historical research are strongly encouraged to submit a proposal. Abstracts are due no later than 1 August 2003. Please contact History Committee Chairperson Dr. Kristine Harper, 946 NW Circle Blvd., #306, Corvallis, OR 97330-1410; email: kharper@proaxis.com.

The **Southern Association for the History of Medicine and Science (SAHMS)** announces a call for papers for its sixth annual meeting to be held 27-28 February 2004 in Augusta, Georgia. The SAHMS meeting will be co-hosted by the Medical College of Georgia School of Medicine, Augusta State University and the Center for the Study of Georgia History. The meeting will be held at Augusta State University, within walking distance of the Partridge Inn (conference hotel) located in the Summerville Historic District. The conference fee will include a dinner on Friday evening in a private home in the historic district, a tour of the Morris Museum of

Southern Art, continental breakfasts and lunches. The SAHMS welcomes papers on the history of medicine and science, broadly defined to include historical, literary, anthropological, philosophical, and sociological approaches to the history of health care and science. The SAHMS meeting does not focus solely on southern history of medicine and science topics but is international in scope. The society's name relates only to the location of its annual meeting. Papers from scholars from all areas of the country are welcome, as are international guests. Participants may propose individual papers or symposiums of several papers devoted to a particular topic or theme. Ph.D. students are invited to submit works in progress and should indicate their Ph.D. student status. Please submit a one-page (approximately 250 words) abstract of each paper. Also include a one-page c.v. with phone/fax and email addresses. Papers should be submitted no later than *15 September 2003*. Prospective participants should not submit papers already published, already presented or scheduled for presentation at another meeting. Electronic submissions are preferred. The program will be announced by early November, 2003. All presenters will be responsible for their own travel and registration costs. Send proposals to: Arlene W. Keeling, Ph.D., RN, Chair, 2004 Program Committee, SAHMS, McLeod Hall, The University of Virginia School of Nursing, Charlottesville, VA 22908; email: awk2z@virginia.edu.

Titan: From Discovery to Encounter (Christiaan Huygens). International Conference on the occasion of the 375th birthday of Christiaan Huygens, (born 14 April 1629). 13-17 April 2004. ESTEC, Noordwijk, The Netherlands. The conference will bring together historians and space scientists to discuss: 1) Christiaan Huygens, the person, the scientist and his relationship with other scientists in the 17th century, such as Cassini, Descartes, Newton; 2) Observations of Saturn and its moons since the 17th century; 3) The Cassini-Huygens missions and the latest observations on the way to the encounter. Program: The program will consist of invited papers, contributed papers, and posters. The intention is to publish the proceedings in the ESA "SP" series. Deadline for paper submission: September 2003. Final Program: December 2003. ESA Huygens Web site: <http://sci.esa.int/huygens/>; JPL Cassini Web site: <http://saturn.jpl.nasa.gov/index.cfm>. If you wish to participate please register at: <http://www.congrex.nl/04a01rep>.

FUTURE HSS MEETINGS

Cambridge, MA

20-23 November 2003

Austin, TX

(joint meeting with PSA)

18-21 November 2004

Minneapolis, MN

(co-located meeting with SHOT)

3-6 November 2005

Vancouver, BC

(joint meeting with PSA)

2-5 November 2006

Scientific Knowledge & Cultural Diversity. PCST-8 Conference. 3-6 June 2004 Barcelona, Spain. The 8th PCST Conference opens up a field to debate on the global discourse of science in a range of local culture and knowledge environments. This theme will be examined from cross approaches, such as ethics (science and science communication ethics) and innovation in the PCST frame. Furthermore, a special review will be devoted to new generations (future scientists and communicators) and women. The PSCT Network's scientific committee (<http://www.pcstnetwork.org/>) is responsible for the conference content. Conference Topics (<http://www.pcst2004.org/>). Within the main conference theme of "Scientific Knowledge & Cultural Diversity" there are the following sub-themes or discussion topics: 1) Native knowledge & modern science; 2) History of science & popularization of science; 3) Science communication & social participation; 4) Fields & strategies of science communication. To submit an abstract, see <http://www.pcst2004.org/>. The conference will be held 3-6 June 2004 in the Forum Area of Barcelona 2004, a social program will be available from Monday 1st of June to Sunday 6th of June. Registration forms and on-line registration, as well as accommodation details and other information related to the event, will be available via the conference Web site <http://www.pcst2004.org/> from August 2003. Deadline for submission of abstracts: *21 November 2003*.

HOPOS 2004. Fifth Congress of HOPOS, the **International Society for the History of Philosophy of Science**. HOPOS, the International Society for the History of Philosophy of Science will hold its fifth international congress in San Francisco, California, 24-27 June 2004. The congress is being held at the University of San Francisco, in cooperation with Stanford University and the University of California, Berkeley. The conference is open to scholarly work on the history of philosophy of science from any disciplinary perspective. Submissions of abstracts of papers of approximately 30 minutes' reading length, and of symposia of three to four thematically related papers will be considered for the program. Abstracts of individual paper submissions should be between 250 and 500 words in length. Panel proposals should include one panel abstract, names and addresses of all participants, and abstracts of 250 words for each of three to four papers. All submissions should arrive by *1 January 2004*. Notification of acceptance of submissions will be provided by March 1, 2004. Preferred format for all submissions is plain ASCII text or RTF attachment submitted by electronic mail to hpos2004@umkc.edu with "HOPOS 2004 Submission" in the subject line of the email. Other submissions should include one paper copy and one copy in plain ASCII or RTF format on a 3.5 in. DOS diskette and be sent to: Menachem Fisch, Co-Chair, HOPOS 2004 Program Committee, The Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University, Ramat Aviv 61390, ISRAEL. For more information about HOPOS, please visit: <http://www.umkc.edu/scistud/hopos/>.

The Making of European Contemporary Cities: An Environmental History. The conference will be held from Thursday 24th to Sunday 27th June 2004 and will be hosted and promoted by the "Centro per la storia del cambiamento sociale" (Ciscam) of the University of Siena (Italy). The conference's overarching theme will be to develop an environmental perspective on the making of the European city over the last two centuries. Local Organizer: Simone

Neri Sernerri Dipartimento di Scienze storiche, giuridiche, politiche e sociali – University of Siena; mail address: via P.A. Mattioli, 10 – I-53100 Siena (Italy); email: neriserri@unisi.it; tel.: ++39-0577-235294/306; fax: ++39-0577-235292; email: neriserri@unisi.it; Web site: <http://www.digips.unisi.it/ciscam/making.htm>.

Scientific Instrument Collections in the University (SICU), an International Symposium at Dartmouth College, Hanover, NH. 24-27 June 2004. Although hundreds of universities and colleges have preserved historic scientific apparatus, many of these collections remain less than fully accessible and may even be virtually unknown outside of (and within) their home institutions. The purpose of SICU is to stimulate creative thinking about potential futures for these collections and to provide a forum to discuss practical problems related to their management and use. In addition to several invited panels and a keynote address, SICU will feature contributed papers and posters. Some travel support may be available. Please submit proposals for papers or posters by *15 September 2003* to sicu@mac.dartmouth.edu. For additional information on SICU and this call for papers, see www.dartmouth.edu/~sicu or contact richard.kremer@dartmouth.edu, frank.manasek@dartmouth.edu, david.pantalony@dartmouth.edu, or schechn@fas.harvard.edu (Sara Schechner).

Fifth British-North American Joint Meeting of the BSHS, CSHPS and HSS. 5-7 August 2004, Halifax, Nova Scotia, Canada. Following successful meetings in Manchester (1988), Toronto (1992), Edinburgh (1996), and St. Louis (2000), the British Society for the History of Science, the Canadian Society for the History and Philosophy of Science, and the History of Science Society will be holding their fifth international joint meeting in Halifax, Nova Scotia, 5-7 August 2004. The program committee invites proposals for sessions on the theme of "Circulating Knowledge." The theme has been chosen to encourage contributions on the following topics:

- The circulation of scientific knowledge between North America and Europe, and between these regions and elsewhere in the world.
- The formation of scientific knowledge through geographical displacement in the course of exploration, migration, trade, and fieldwork.
- The circulation of knowledge among scientific disciplines and research fields, and between science and other cultural domains.
- The circulation of scientific knowledge between expert practitioners and public audiences.
- The formation of scientific knowledge by translation between different languages, media, and forms of publication.
- The part played in the creation of scientific knowledge by circulating texts, metaphors, images, objects, and artifacts.

This announcement constitutes a call for papers. The meeting will be organized into sessions of three or four papers, with a commentator if appropriate. Proposals for complete sessions are encouraged, but proposals for individual papers will also be considered. Proposals may be in either French or English. Session organizers are urged to include speakers from more than one country. Electronic submissions via the HSS Web site (address below) are preferred. Proposal forms are available through the Executive Office of the History of Science Society at <http://www.hssonline.org/>. Proposals, including abstracts of approximately

250 words for each paper, are due at the HSS Executive Office by 15 December 2003, with notification of acceptance by the end of February 2004. For further details contact the HSS Executive Office at info@hssonline.org or the members of the program committee: Geoff Bunn (bunng@hope.ac.uk), Lesley Cormack (lcormack@ualberta.ca), or Jan Golinski (jan.golinski@unh.edu).

1 April 2004. For more information, please visit <http://www.humboldtconference.org>. Mail address: c/o Bildner Center for Western Hemisphere Studies, The Graduate Center/CUNY, 365 Fifth Avenue, Suite 5209, New York, NY 10016-4309; fax: 212-817-1540; email: bildner@gc.cuny.edu.

Alexander von Humboldt: From the Americas to the Cosmos. City University of New York, United States. 14-16 October 2004. Deadline: *1 February 2004*. Celebrating the two-hundredth anniversary of Alexander von Humboldt's epochal journey of exploration of Central and South America, and his visit to the United States. The principal focus will be Humboldt's activity in, relationship to, and impact on the Americas, but all proposals will be considered. Areas of interest include Humboldt's scientific work and publications, political ideas and advocacy of human rights, paintings, travel writing, friendships, as well as his fame, image and influence in various parts of the Americas. Proposals for papers should consist of: 1) a concise (300 words or less) abstract with title, 2) a cover letter indicating the author's professional affiliation(s) and contact information. Proposals may be sent to the Program Committee, Humboldt Conference by email, by post, or by fax. Deadline for receipt of proposals is *1 February 2004*. Decisions will be made by

Graduate Students in Cambridge

Graduate Students: The HSS has arranged for 25 rooms to be set aside for you at the rate of \$65.00 US. You must stay the nights of 11/20, 11/21, and 11/22 to be eligible. Also, a limited number of rooms at the flat rate of \$135.00 US single/double/triple/quad have been reserved for students. Go to the HSS Web site (<http://www.hssonline.org>) to reserve your rooms.

HSS Annual Meeting Dates

To secure less expensive hotel rates, The HSS will be meeting a little later in November, compared to prior years. Please mark you calendars for Cambridge and Austin, and we will see you in late November in 2003 and 2004.

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- _____ copy/copies of *An Introduction to the History of Science in Non-Western Traditions* (\$8 US./ Canada; \$10 other addresses).
- _____ copy/copies of *History of Science Syllabus Sampler* (\$18 US/Canada; \$23 other addresses).*
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- _____ copy/copies of *Topical Essays for Teachers* (\$8 US/Canada; \$10 other addresses).
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After July 31, mail orders to The HSS, University of Florida, P.O. Box 117360, Gainesville, FL 32611.

ISIS BOOKS RECEIVED

Prior to the publication of each *Newsletter*, the HSS Executive office receives from the *Isis* Editorial Office a list of books received by that office for potential review. This list appears here quarterly; it is not compiled from the annual *Current Bibliography*. You may also view this list and prior lists online at http://www.hsonline.org/society/isis/mf_isis.html.

Abele, Johannes. *Wachhund des Atomzeitalters: Geigerzähler in der Geschichte des Strahlenschutzes.* Abhandlung und Berichte, Neue Folge, Band 16. 40 pp. Illus., bibl., index. Deutsches Museum, 2002. \$24.83 (cloth). ISBN#: 3-924183-86-4.

Aloni, Nimrod. *Enhancing Humanity: The Philosophical Foundations of Humanistic Education.* Philosophy and Education, Vol. 9. xiii + 229 pp. Bibl. Dordrecht/Boston/London: Kluwer Academic Publishers, 2002. \$83.00 (cloth). ISBN#: 1-4020-0961-5.

Anderson, Warwick. *The Cultivation of Whiteness: Science, Health, and Racial Destiny in Australia.* 352 pp. Illus., bibl., index. New York: Basic Books, 2003. \$45.00 (cloth). ISBN#: 0-465-00305-2.

Armus, Diego (ed.). *Disease in the History of Modern Latin America: From Malaria to AIDS.* 330 pp. Index. Durham, North Carolina: Duke University Press, 2003. \$64.95 (cloth). ISBN#: 0-8223-3057-1.

Bakhouché, Béatrice; Fauquier, Frédéric; Pérez-Jean, Brigitte. *Picatrix: Un traité de magie médiévale.* Translation, introduction, and notes by Béatrice Bakhouché, Frédéric Fauquier, and Brigitte Pérez-Jean. 388 pp. Bibl. Turnhout, Belgium: Brepols Publishers, 2003. ISBN#: 2-503-51068-X.

Barr, Stephen M. *Modern Physics and Ancient Faith.* ix + 312 pp. Figs., index. Notre Dame, Indiana: University of Notre Dame Press, 2003. \$30.00 (cloth). ISBN#: 0-268-03471-0.

Barthélemy, Pascale. *La Sedacina, ou l'Œuvre au crible: L'alchimie de Guillaume Sedacér, carme catalan de la fin du XVI^e siècle (two volumes).* Preface by Guy Beaujouan. 388 and 484 pp. Illus., index. Paris/Milan: S.É.H.A./ARCHÉ, 2002. ISBN#: 88-7252-239-0.

Bartholomew, Robert E.; Radford, Benjamin. *Hoaxes, Myths, and Manias: Why We Need Critical Thinking.* 229 pp. Illus., index. Amherst, New York: Prometheus Books, 2003. \$20.00 (paper). ISBN#: 1-59102-048-4.

Bedini, Silvio A. *Jefferson and Science.* (Monticello Monograph Series). 136 pp. Illus. Preface by Donald Fleming. The University of North Carolina Press, 2003. \$14.95 (paper). ISBN#: 1-882886-19-4.

Belhoste, Bruno. *La Formation d'une technocratie: l'école polytechnique et ses élèves de la révolution au second empire.* Collection of Histoire de l'éducation. 507 pp. Illus., tables, bibl., index. Belin Éditeur depuis 1777, 2003. ISBN#: 2-7011-3523-0.

Benjamin, Ben E.; Sohnen-Moe, Cherie. *The Ethics of Touch: The Hands-on Practitioner's Guide to Creating a Professional, Safe and Enduring Practice.* xi + 304 pp. Tables, bibliographical endnotes, app., index. Tucson, AZ: SMA Inc., 2003. \$28.00 (paper). ISBN#: 1-882908-40-6.

Berg, Wieland; Gerstengarbe, Sybille; Kleinert, Andreas; Parthier, Benno (eds.). *Vorträge und Abhandlungen zur Wissenschaftsgeschichte 1999/2000.* (Acta Historica Leopoldina, 36). 432 pp. Illus., index. ISBN#: 3-8304-5097-4.

Bilstein, Roger E. *Testing Aircraft, Exploring Space: An Illustrated History of NACA and NASA.* xv + 218 pp. Index. Baltimore/London: The Johns Hopkins University Press, 2003. \$42.95 (cloth). ISBN#: 0-8018-7158-1.

Bindman, David. *Ape to Apollo: Aesthetics and the Idea of Race in the 18th Century.* 264 pp. Illus., bibl., index. Ithaca: Cornell University Press, 2002. \$35.00 (cloth). ISBN#: 0-8014-4085-8.

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