WELCOME TO CAMBRIDGE
By David Kaiser, Massachusetts Institute of Technology

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.
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: isisch@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.
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.

NEWS AND INQUIRIES

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 BN 13 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.
In Memoriam

Frederic Lawrence (Larry) Holmes died on 27 March following an extended illness. A past president of the History of Science Society, Dr. Holmes was an outstanding scholar, who wrote landmark works in the history of chemistry. He received numerous prizes from the HSS, including the Sarton Medal, the Society’s highest honor. For 23 years, he served as the Chair of the Section of the History of Medicine at Yale University.

Harry Woolf, past editor of the History of Science Society, died earlier this year. Dr. Woolf, who published widely in the history of physics, received his degree in the history of science from Cornell in 1955. From 1967 to 1987, he served as the Director of the Institute for Advanced Study in Princeton, New Jersey.

Frank Edward Manuel, 92, died on 23 April in his Boston home. Known for his A Portrait of Isaac Newton, as well as many other works, Manuel has been labeled as an intellectual historian, a scholar of ideas. He wrote on Christianity, Karl Marx, utopian thought, and numerous other subjects.

Dorothy Nelkin died on May 28 after a brief battle with cancer. Described as a sociologist, she published extensively on the relationship between science and the public. She was a strong supporter of the HSS.

The Seven Pines Symposium

The seventh annual Seven Pines Symposium was held from May 7-11, 2003, on the subject, “The Concept of the Vacuum in Physics.”

The Seven Pines Symposium is dedicated to bringing leading historians, philosophers, and physicists together for several days in a collaborative effort to probe and clarify significant foundational issues in physics, as they have arisen in the past and continue to challenge our understanding today. Twenty-one prominent historians, philosophers, and physicists were invited to participate in this year’s symposium.

Each day the speakers set the stage for the discussions by addressing major historical, philosophical, and physical issues related to the concept of the vacuum in physics. After an introduction on the goals of the Seven Pines Symposium by Lee Gohlik, the founder of the Symposium, the morning and afternoon of Thursday, May 8, were devoted to the general topic of “Early Views on the Vacuum.” Speakers included Don Howard (Notre Dame) on “From the Pre-Socratics to Newton,” Anne J. Kox (Amsterdam) on “Lorentz and the Ether,” and Simon Saunders (Oxford) on “Dirac and the Negative Energy Sea.” May 9 was devoted to the general topic of “The Nature of the Vacuum State,” with Ian J.R. Aitchison (Oxford) speaking on “Properties of the Vacuum State in Quantum Field Theory,” Philip Stamp (British Columbia) speaking on “Structure of the Ground State in Condensed Matter Physics,” William G. Unruh (British Columbia) speaking on “What is a Particle?” and Robert M. Wald (Chicago) speaking on “The Non-Uniqueness of the Vacuum.” On May 10, this topic continued with Vijay Balasubramanian (Pennsylvania) speaking on “The Nature of the Vacuum in String Theory.” The general topic then became “Dark Energy and the Cosmological Constant,” with Sean Carroll (Chicago) speaking on “The Energy of the Vacuum State” and, in the afternoon, John Earman (Pittsburgh) speaking on the “History of the Cosmological Constant” and P. James E. Peebles (Princeton) speaking on “The Dark Energy Problem.” The closing discussion on Sunday morning, May 11, was chaired by Roger H. Stuewer (Minnesota).

Lee Gohlik has had a life-long interest in the history and philosophy of physics, which he has furthered through graduate studies at the Universities of Minnesota and Chicago. To plan the annual symposia, he established an advisory board consisting of Roger H. Stuewer (Minnesota), Chair, Jed Z. Buchwald (Caltech), John Earman (Pittsburgh), Geoffrey Hellman (Minnesota), Don Howard (Notre Dame), Alan E. Shapiro (Minnesota), and Robert M. Wald (Chicago). Also participating in the seventh annual Seven Pines Symposium were Babak Ashrafi (MIT), Laurie M. Brown (Northwestern), Michel Janssen (Minnesota), Jürgen Renn (Berlin), Serge Rudaz (Minnesota), Laura M. Ruetsche (Pittsburgh), and Henrik Zinkernagel (Granada).

The eighth annual Seven Pines Symposium will be held from May 5-9, 2004, on the subject, “Quantum Mechanics, Quantum Information, and Quantum Computation.”
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

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/CSHLib/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.
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 Burnly 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 reappointment 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 Burnly 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.”


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

Dibner News

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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 Institution into the online resource managed at Imperial College by the Newton Project.


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 Kaluzcz, 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.”


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, continued on p. 8


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.”


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.”


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.”


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.”


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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 Luscko 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.”


Grace V. 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.”
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.”


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 (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.

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 news 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?

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):

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- **Chicken**
- **Vegetarian**

**Reception** (Thursday evening):

Harvard Museum of Natural History:

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

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**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

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Card Verification Value (3 or 4 digit number, usually on the back of the card, appearing in the signature panel): __________________________

Exp. Date: ____ Signature: ____________________

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This information is subject to change. For the most up-to-date program, please visit our Web site at http://www.hssonline.org.

Sessions starting on Thursday

The 2003 meeting in Cambridge will offer at least one departure from past meetings: sessions will begin on Thursday afternoon at 4:00 and two co-plenary sessions will be offered during the Sunday morning meeting time. Please plan to arrive early and stay late for what promises to be a fabulous conference.

Thursday, 20 November 2003
4:00 p.m. - 6:00 p.m.

Local and Global Perspectives in Meteorology

James R. Fleming, Colby College, “Localism Meets Globalism: Reductionist and Determinist Themes in the History of Global Climate Studies”

Katharine Anderson, York University, “Weather Writ Large: The Imperial Scale of British Meteorology”

Edward Jones-Inhotep, University of Guelph, “Global Metrology/Local Meteorology: Reading the ‘Arctic’ Ionogram”

*Deborah R. Coen, Harvard University, “Scaling Down: Mapping the ‘Austrian’ Climate Between Empire and Republic”

Chair: TBD

Virtue and Vice

Marga Vicedo-Castello, Harvard University, “Primate Love: Mothers, Machines, and Morals”

Nadine M. Weidman, Harvard University, “The Aggression Instinct: Masculinity and Pop Ethology in 1960s America”

*Abigail Lustig, Dibner Institute for the History of Science and Technology, “Why Be Nice?”

Chair and Commentator: Lorraine Daston, Max Planck Institute for the History of Science

The Places of Science and Science’s Place in Antebellum America


Julie R. Newell, Southern Polytechnic State University, “Cabinet, Lab, and Field: Where is ‘Real’ Geology to be Done in Antebellum America?”

*Benjamin R. Cohen, Virginia Tech, “Books and Farms, So Happy Together (Or, Practicing Chemistry in the Fields of the Early American Republic)”

David I. Spanagel, Harvard University, “Mapping, Scientific Knowledge, and Borderline Politics”

Chair: Mary Jo Nye, Oregon State University

Revisiting the Experiments in the Principia


George E. Smith, Dibner Institute, “Newton’s Misleading Initial Pendulum Experiment”

*Mary Domski, Indiana University, “The Cataract and the Fudge Factor: Newton’s Strategies for Fitting Theory to Experiment”

Chair and Commentator: Alan Shapiro, University of Minnesota

Mathematics, Improvement of the Mind, and Mastery of Nature in Descartes and Leibniz

*Dennis Des Chene, Emory and Washington University, “How the World Became Mathematical”

Anne Davenport, Boston College, “From ‘Cogito’ to ‘Excogito’ in Meditation V”

Matthew L. Jones, Columbia University, “Mathematical Formalism, Simplicity and Peace of Mind in Descartes and Leibniz”

Commentator: Jean-Luc Marion, Boston College, Univ. of Paris

Chair: TBD

Subjectivity in Crisis:

European Psychiatry and Patient Experience (1880-1920)

Anne Christina Rose, Johns Hopkins University, “Moral Orthopedics’ and the Debate over Suggestibility in Fin-de-Siecle Psychiatry”

*Susan Lanzoni, Boston University, “The Prominence of Subjective Experience in Phenomenological Psychiatry, 1912-1922”

David K. Robinson, Truman State University, “Vladimir Bekhterev and the Psychiatric Subject: Early Work in Hypnosis”

Commentator: Emily Cahan, Wheelock College

Chair: William Woodward, University of New Hampshire

Friday, 21 November 2003
9:00 a.m. - 11:45 a.m.

Saints, Miracles and Sciences

Katharine Park, Harvard University, “Anatomizing Sanctity: Miraculous Autopsies in Renaissance Italy”

Wolfgang Schaeffner, Humboldt University Berlin, “Giotto’s Geometry of Miracle”

Peter Harrison, Bond University, “Laws of Nature, Miracles, and Early Modern Religion”

*Fernando Vidal, Max Planck Institute for the History of Science, “Imagination and Canonization: Prospero Lambertini’s Discussion of Miracle Cures”

Chair and Commentator: Gianna Pomata, University of Bologna
Friday, 21 November 2003
9:00 a.m.-11:45 a.m.
continued

CELESTIAL DIVINATION AND ASTRAL MAGIC:
Practice and Acceptance in the West
*Francesca Rochberg, University of California, Riverside, “The Roots of Western Astrology: Ancient Mesopotamian Celestial Ominae and Horoscopes”
James Evans, University of Puget Sound, “Astrology as Temple Practice”
Laura Ackerman Smoller, University of Arkansas at Little Rock, “Astrology and the End of the World: The Bleeding Edge of Late Medieval Prognostication”
Robert David Goulding, University of Notre Dame, “Astrology and Magic in the Philosophy of Everard Digby”
Chair: Bruce Eastwood, University of Kentucky

CRAFTING COMMUNITIES: ALTERNATE UNDERSTANDINGS OF MODERN SCIENTIFIC COLLECTIVES
Suman Seth, Princeton University, “Instituting an Empire of Theory: Max Planck and the Theoretical Physics Community in Germany”
Peder Roberts, University of New South Wales, “Proving Our Worth to the Empire: The 1911 Australasian Antarctic Expedition and the Australasian Scientific Community”
Amy Slaton, Drexel University, “Race, Geography, and the Definition of Engineering Communities: The University of Maryland 1940-1960”
Alistair Sponsel, Princeton University, “School of Empire: The Voyaging Naturalists of Joseph Banks’ Network”
Chair: TBD

“MASTERING THE PAST”: THE HISTORY OF THE KAISER WILHELM SOCIETY UNDER NATIONAL SOCIALISM
Richard H. Beyler, Portland State University, “‘Free’ Science and Purged Scientists: The Kaiser Wilhelm/Max Planck Society 1933 and 1945”
Susanne Heim, Max Planck Gesellschaft, “Ostforschung (‘Eastern’ Research)”
Helmut Maier, Max Planck Gesellschaft, “Armanns Research”
Sheila Weiss, Clarkson University, “Bio-Medical Research”
Commentator: *Mark Walker, Union College
Chair: Carola Sachse, Max Planck Gesellschaft

THE MEDIA OF FUNCTIONS: MODERNIST ARCHITECTURE AND MODERN SCIENCE
*Jimena Canales and Andrew Herscher, Harvard University, “Ornament and Crime: Modern Architecture, Criminal Anthropology, and Evolutionary Theory”
Peder Anker, University of Oslo, “The Bauhaus of Nature”

Commentator: Antoine Picon, Harvard University
Chair: Eve Blau, Harvard University

ART AND ARTEFACT:
VISUAL REPRESENTATIONS IN THE HISTORY OF ASTRONOMY
*Jennifer Downes, University of Cambridge, “Cosmography and Chorography: The Geographical Tradition and the Telescope”
Janet A. Vertesi, Independent Scholar, “Picturing the Moon: Hevelius’ and Riccioli’s Visual Debate”
Vera Keller, Princeton, “Emblematic Knowledge and the Celestial Sphere”
John Tresch, Northwestern University, “The Place of the Daguerreotype in the Moral Economy of Instruments: Francois Arago at the Observatoire de Paris”
Elizabeth Kessler, University of Chicago, “Resolving Nebulae: The Aesthetics of Representing Deep Space”
Chair: John Tresch, Northwestern University

NATURES OF HEALING
Michael A. Osborne, University of California, Santa Barbara, “Medicine and the Places of Natural History in an Age of Empire: The Paris Faculty of Medicine and the Chair of Medical Natural History”
*Helen Tilley, Princeton University, “Tropical Africa and Environments of Disease: Imperial and International Research Priorities, 1880-1940”
*Gregg A. Mitman, University of Wisconsin-Madison, “Natural History and the Clinic: The Regional Ecology of Allergy in America”
Chair and Commentator: Warwick Anderson, University of California-San Francisco

THE DOUBLE HELIX AT 50:
HISTORY, MEMORY, AND MORAL GENEALOGY
*William C. Summers, Yale University, “Physics, Phage and DNA”
Lynne Osman Elkin, California State University at Hayward, “Rosalind Franklin and the Double Helix at 50: A Daring Proposal Since Little Has Changed”
Soraya de Chadarevian, University of Cambridge, UK, “How the Double Helix Became the Most Important Discovery of the Twentieth Century”
Commentator: *Pnina Abir-Am, Rockefeller University
Chair: Clark Elliott, Harvard University

SCIENCE SHAPING SERVICE, SERVICE SHAPING SCIENCE
Jane Louise Carey, University of Melbourne, “Sex, Race and Kindergartens: Australian Women in the Pursuit of Scientific Social Reform, 1900—1940”
*Rima D. Apple, University of Wisconsin-Madison, “Service and Research: The Medical Career of Dr. Dorothy Reed Mendenhall”
*Pamela E. Mack, Clemson University, “Progressive Reform and Women Engineers”
Commentator: Nancy Tomes, SUNY Stony Brook
Chair: Michael Sokal, Worcester Polytechnic

ARTISANS AND MATERIAL CULTURE IN EARLY MODERN NATURAL PHILOSOPHY
Deborah Harkness, University of California Davis, “Interview with an Alchemist: Hugh Plat’s Pursuit of Natural Knowledge in Early Modern London”
Eric Ash, Wayne State University, “Serving the ‘Prince of Purpooles’: Francis Bacon and the Expertise of Natural Philosophy”
Anna Maerker, Cornell University, “Visible Technicians, Embodied Scientists: Artisanal Practice, Administrative Control, and the Production of Anatomical Models for the Tuscan State”
Jean Francois Gauvin, Harvard University, “Volontaires and Artisans in Descartes’s Early Natural Philosophy”
Chair and Commentator: *Ann Blair, Harvard University

Friday, 21 November 2003
12:00 p.m. - 12:30 p.m.

FORUM FOR THE HISTORY OF SCIENCE IN AMERICA BUSINESS MEETING

Friday, 21 November 2003
12:30 p.m. - 1:15 p.m.

FORUM FOR THE HISTORY OF SCIENCE IN AMERICA: DISTINGUISHED HISTORIAN LECTURE

Friday, 21 November 2003
1:30 p.m. - 3:10 p.m.

PERSPECTIVES ON 20TH CENTURY PHYSICAL SCIENCES
Larry Owens, University of Massachusetts, “Silo Memories”
Ruben Martinez, University of Texas, Austin, “Plum Pudding and the Folklore of Physics”
Kevin Francis, Mt. Angel Seminary, “Rethinking the Radiocarbon Revolution”
Chair: TBD

TECHNOLOGIES AND THEORIES OF MODERN BIOLOGY
Kristin Renee Johnson, Oregon State University, “Karl Jordan: Systematics and the History of Science”
Joe November, Princeton University, “Impossible to Accomplish Otherwise: Early Advocacy for the Use of Computers in Biology”
Nancy Anderson, Max Planck Institute for the History of Science, “Transitive Light and Digital Pictures: Fluorophores and Electronic Imaging in Cell Biology During the 1980s”
Chair: TBD

SPACE AND PLACE IN EARLY MODERN EUROPE
Gabriela Ilitchi, Eastman School of Music/University of Rochester, “Rational Irrationality: Nicole Oresme’s Mathematics of Planetary Motion and Celestial Harmony”
Fokko Jan Dijksterhuis, University of Twente, “Golden Sections: Cultures of Mathematics in the Dutch Republic in the Middle of the 17th Century”
Angelo Cattaneo, European University Institute, “Johannes Regiomontanus, Nicolaus Germanus, and Albrecht Dürer as Readers of Ptolemy’s Geography: Towards an Analysis of the Links between Map Projections and Perspective in the Renaissance”
Christine M. Petto, Southern Connecticut State University, “Selling Science: The Promotion and Patronage of Geographical Works in Early Modern Europe”
Chair: TBD

SCIENCE AND ITS PUBLICS
Petra van der Heijden, Leiden Observatory, “Educating the General Public: Frederik Kaiser (1808-1872) and the Popularization of Astronomy and the Natural Sciences in the Netherlands”
Craig Sean McConnell, California State University, Fullerton, “Mother Earth and Daughter Moon: George Darwin’s Lunar Genesis Theory and the Dynamics of Popularization”
Aileen Fyne, National University of Ireland, Galway, “Media Technology: Steam-Printing and the First of the Mass Media”
Elizabeth Hayes, University of Notre Dame, “Science, Politics, and Satire: Reconsidering the American Philosophical Society in its Political Contexts, 1775 - 1800”
Chair: TBD

MIND AND MATTER IN THE 19TH CENTURY
Bernardo Jefferson Oliveira, Universidade Federal de Minas Gerais, Brazil, “Nineteenth-Century Utopias and the Social Imagery of Science”
Courtenay Jane Raia, UCLA, “Ether Theories and Ether Theology: Oliver Lodge and the Physics of Immortality”
Tara Abraham, Max Planck Institute for the History of Science, “Digital or Analog? On the Nature of Neural Activity, 1943-1960”
Chair: Joan L. Richards, Brown University

INSTRUMENTS AND EXPERIMENTS IN 19TH CENTURY EUROPE
Jutta Schickore, University of Cambridge, “’Some Half-Taught Booby Bragging of the Goodness of a Microscope’: The Introduction of Test Objects into Microscopy, 1820-1835”
David Alexander Pantalony, Dartmouth College/Dibner Institute after Sept. 1, 03, “The Combination-Tone Controversy and the Quest for Pure, Precise Tuning Forks”
Dana Simmons, University of Chicago, “Excrement and Consumption in the 19th-Century Chemistry Labs of Dumas and Boussingault”
Chair: TBD
Friday, 21 November 2003
1:30 p.m. - 3:10 p.m.
continued

POLITICS AND SCIENCE IN THE MODERN WORLD
Dong-Won Kim, Korea Advanced Institute of Science and Technology, “How Did a Wrong Ideology Destroy a Healthy Physics Community?: Physics in North Korea between 1953 and 1980”
Gennady Gorelik, Center for Philosophy and History of Science, Boston University, “The Best Defense, or the Worst One? Physics and Politics in the History of Russian ABM program”
Darrin Durant, University of Toronto, “Big Science and Public Participation: A Basic Tension?”
Chair: TBD

ASTRONOMICAL THINKING FROM COPERNICUS TO GALILEO
William R. Shea, University of Padua, “Galileo’s Roman Agenda”
Cindy Lammens, Ghent University, “Gemma Frisius’ Critical Reading of Copernicus’ De revolutionibus: Argumentation and Truth Enhanced by Observations and Demonstrations”
Keith Hutchison and Neil Thomason, University of Melbourne, “Did Tycho Brahe Suffer from a Cognitive Illusion?”
Chair: Robert Westman, University of California, San Diego

Friday, 21 November 2003
3:30 p.m. - 5:30 p.m.

PICTURING MACHINES IN THE EARLY MODERN ERA
Michael S. Mahoney, Princeton University, “Drawing Mechanics: Christian Huygens and His Clocks”
Chair and Commentator: Anthony Grafton, Princeton University

SCIENCE AS NEWS: THE PRESS AND THE CIRCULATION OF KNOWLEDGE FROM THE 17TH THROUGH THE 19TH CENTURIES
Thomas Broman, University of Wisconsin-Madison, “All the Nouvelles that is Fit to Print: Pierre Bayle and the Retailing of Scholarly News in the Late 17th Century”
Mi Gyung Kim, North Carolina State University, “News in the Air: Balloons in the Public Sphere”
James A. Secord, University of Cambridge, “Scientific Discovery as Illustrated News, 1840-1870”
Chair and Commentator: Adrian Johns, University of Chicago

PRELIMINARY MEETING PROGRAM

NOBLES AND NATURAL PHILOSOPHERS IN EARLY MODERN ENGLAND
Stephen Clucas, Birkbeck College, University of London, “‘Full Satisfaction for your Ease’: Natural Philosophy, Patronage and the Service Ethos in the Northumberland Circle”
Lisa T. Sarasohn, Oregon State University, “The Newcastle Circle and the Rejection of the Experimental Program of the Royal Society”
Chair and Commentator: Bruce Moran, University of Nevada

WHAT’S IN A NAME? BRINGING THE ESTRANGED MEMBERS OF THE “MECHANICS” FAMILY TOGETHER AGAIN
Steven Walton, Penn State University, “Daniel Santbeck’s Aristotelian Ballistics, or, ‘What Was He Thinking?!?”’
W. R. Laird, Carleton University, “Francesco Maurolico’s Problematika Mechanica and Renaissance Mechanics”
Peter Dear, Cornell University, “Vortex and Visual ‘Evidence’: Huygens and the Natural Philosophy of Authoritative Demonstration”
Chair: TBD

THE EUGENIC PERSUASION?: THE STERILIZATION MOVEMENT IN THE UNITED STATES
Steven Selden, University of Maryland, “Popularizing Eugenical Sterilization through Texts and Contest in the 1920s: Albert Edward Wiggam and the New Decalogue of Science”
Christine Manganaro, University of Minnesota, “Eugenicist as Patient Advocate: Therapeutic Sterilization in Washington State”
Mark Largent, University of Puget Sound, “The Fix: Sterilization as the Solution for Oregon’s Woes”
Chair and Commentator: Garland Allen, Washington University

SPARKING LIFE: RADIATIONS AND THE VITAL QUEST
Iwan Rhys Morus, Queen’s University Belfast, “And Galvanism Has Set Some Corpses Grinning”
Theresa Levitt, University of Mississippi, “Polarization and the Mystery of Life”
Chair: Mary Terrall, UCLA

SCIENTIFIC SOLUTIONS FOR AGRICULTURE: CONTRADICTIONS BETWEEN IDEALS AND PRACTICE IN LATIN AMERICAN DEVELOPMENT PROJECTS
Karin E. Matchett, Yale University, “Scientific Agriculture, Well-Fed Citizens, or National Pride: The Competing Environmental and Political Imperatives of Corn Improvement in Mexico”
Stuart McCook, University of Guelph, “The Search For a Usable Science: Harvard’s Atkins Garden and Botanical Research in Cuba, 1900-1960”
Chair and Commentator: Philip Pauly, Rutgers University
PRELIMINARY MEETING PROGRAM

NEW PLANTS AND BOTANY BEFORE LINNAEUS
Siam Bhayro, Yale University, “Syriac Botanical Terminology: The Work of Sergius of Ra’s al-‘Ayn”
Vittoria Feola, Cambridge University, “‘New’ Plants for Fame, ‘Old’ Plants for Religious Controversy: The Exceptional Case of Elias Ashmole’s Uses of Botany”
Chair and Commentator: *Karen Reeds, National Coalition of Independent Scholars

JUST OFF THE BEATEN PATH: INTEGRATING EVOLUTION AND DEVELOPMENT FROM 1930 TO 1970
Alan Love, Indiana University and University of Pittsburgh, “N. J. Berrill and the Evolutionary Developmental Biology of Ascidians”
Nathaniel Comfort, George Washington University, “Barbara McClintock’s Evolutionary Developmental Genetics”
Commentator: Richard Burian, Virginia Tech
Chair: Jason Robert, Dalhousie University

EXCESS BAGGAGE: PROFESSIONALIZATION ACROSS BORDERS
Michael D. Gordin, Princeton University, “Running in Circles: Towards a Cultural History of the Professionalization of Russian Chemistry”
Emily Brock, Princeton University, “Industry, Government, and Academia in the Formation of American Professional Forestry”
Chair and Commentator: Kathryn Olesko, Georgetown University

Friday, 21 November 2003
7:30 p.m. - 9:00 p.m.
Research and Teaching: Teaching Research on the Web
HSS Committee on Education Workshop

Saturday, 22 November 2003
9:00 a.m. - 11:45 a.m.

SCIENCE AND RELIGION IN EARLY MODERN EUROPE
Peter Barker, University of Oklahoma, “Astronomy, Providence and the Lutheran Contribution to Science”
*Margaret J. Osler, University of Calgary, “When Did Gassendi Become a Libertine?”
David Sepkoski, Oberlin College, “Walter Charleton, Physico-Theology, and 17th Century English Natural Philosophy”
Jeffrey R. Wigelsworth, University of Saskatchewan, “English Deists as Heretical Newtonians”
Chair and Commentator: Jole Shackelford, University of Minnesota

NEW TRENDS IN THE STUDY OF SCIENCE AND TECHNOLOGY IN THE EUROPEAN PERIPHERIES (STEP)
*Ana Simões, Maria Paula Diogo and Ana Carneiro, University of Lisbon, “Scientific Travels: A Step towards a Geography of Science in Europe”
Antonio García Belmar and José-Ramón Bertomeu-Sánchez, University of Alicante, “Scientific and Technological Textbooks in the European Periphery”
Fernando Reis, New University of Lisbon, “The Popularity of Science in Periodicals of Portuguese Liberal Emigrés, 1808-1822”
Manolis Patiniotis, University of Athens, “From Physiks to Cosmos: A Step Towards the Geography of Nature”
Commentator: Kostas Gavroglu, University of Athens
Chair: Ana Simões, University of Lisbon

THE HISTORICAL SIDE OF WORKING SCIENCE: RECONSTRUCTING PAST INSTRUMENTS, EXPERIMENTS, AND ANALYSES
Peter Heering, Institute of Physics, Carl-von-Ossietzky Universität Oldenburg, “Regular Twists: Redoing Coulomb’s Experiments on the Torsion of Metal Wires”
*Elizabeth Mary Cavicchi, Dibner Institute, “Finding the Body in the Circuit: Historical and Reconstructive Experiments with a Spiraled Conductor”
Ryan D. Tweney, Bowling Green State University, “Reconstructing Research Programs: Faraday and the Colors of Gold”
Chair and Commentator: Lawrence Principe, Johns Hopkins University
**Preliminary Meeting Program**

*Daniela Bleichmar, Princeton University, “Viewing as Possessing: The Visual Culture of Natural History and the Locality of Colonial Science, 1750-1800”*

**Chair and Commentator:** James E. McClellan, III, Stevens Institute of Technology

**Experiment and Authority: Laboratory Practices and the Social Place of Alchemy in Seventeenth and Eighteenth-Century Europe**

Craig Martin, University of Oklahoma, “Alchemy and the Legitimization of Aristotelian Science in Early Modern Italy”

*Margaret D. Garber, California State University, Fullerton, “Experimental Truths and Social Consequences in Late Seventeenth-Century Alchemy”*

**Kevin Chang, Academia Sinica, “Legitimacy and Social Order: Johann Franz Buddeus’ Dissertation on Toleration and Alchemy”**

Andrew W. Sparling, Duke University, “Putrefaction in the Laboratory: How an Eighteenth-Century Experimentalist Refashioned Herself as an Homme des Lettres”

**Chair and Commentator:** John Powers, New School University

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**Saturday, 22 November 2003**

1:30 p.m. - 3:10 p.m.

**Theory and Experiment in 20th Century Physics**


Chen-Pang Yeang, MIT, “A Natural Phenomenon or an Instrumental Artifact? The Case of Quasi-Elastic Force”

**Daniela Monaldi, University of Toronto, “The Fate of the Mesotron”**

Jeremiah James, Harvard University, “Theories of X-ray Crystallography”

**Chair:** TBD

**Models and Metaphors in Modern Biology**

Ottiel E. Dror, The Hebrew University of Jerusalem, “Voodoo Death”: Fantasy, Excitement, and the Unenable Boundaries of Science

Ian Nyberg, University of Texas at Austin, “The History of Xenopus laevis as a Model Organism: Pragmatics vs. Representation”

Andrew Stuart Reynolds, University College of Cape Breton, “The Metaphor of the Cell State in Late Nineteenth and Early Twentieth Century British Biology”

**Gregory J. Morgan, Johns Hopkins University, “How to Build a Virus: The Beginnings of Structural Virology”**

**Chair:** TBD

**Perspectives on Early Modern Science**

Katherine Tredwell, University of Oklahoma, “Astronomy Translations in Tudor England”

Darin Hayton, University of Notre Dame, “Astrolabes and Power in Renaissance Germany: Andreas Stiborius’ ‘Clipes Austrie’”

Hanna Rose Shell, Harvard University, “Casting Life: Bernard Palissy’s Renaissance Occupation between Maker and Nature”

**Noga Arikha, Columbia University, “Humours and Passions in Early Modern Europe”**

**Chair:** TBD

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**Saturday, 22 November 2003**

9:00 a.m. - 11:45 a.m.

**Continued**

**Science Across Divides: Helmholtz, Haeckel, Pearson, and James Confront the Modern Self and World**

*David Cahan, University of Nebraska, “Science above Politics?: Helmholtz on the French and the French on Helmholtz”*

**Robert J. Richards, University of Chicago, “The Battle over Evolution in Germany: Ernst Haeckel’s Struggles with the Religious Right and the Political Left”**

Theodore M. Porter, UCLA, “Karl Pearson Defends Individuality in Science”

Francesca Bordogna, Northwestern University, “Disciplinarity and Its Values: William James’s 1906 Address on ‘The Energies of Men’”

**Chair and Commentator:** Lynn Nyhart

**Experiment and Authority: Laboratory Practices and the Social Place of Alchemy in Seventeenth and Eighteenth-Century Europe**

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**Chair and Commentator:** John Powers, New School University

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**Drug Traffic: Pharmaceuticals and the Moral Economy of Scientific Medicine**

Nicolas Rasmussen, University of New South Wales, “The Moral Economy of the Commercial Drug Trial in Interwar America”

**Arthur Daemmrich, Chemical Heritage Foundation, “Cross-Cultural Technology Transfer: From the Laboratory to Mass Production in the Early Antibiotic Era”**

*Jeremy A. Greene, Harvard University, “Behind the Miracle Drugs: Marketing and the Postwar Pharmaceutical”*

**Abena Osseo-Asare, Harvard University, “No Time to Dance’: Herbal Research in Post-Colonial Ghana”**

**Commentator:** Harry Marks, Johns Hopkins University

**Chair:** Elizabeth Watkins, Carnegie-Mellon University

**Focused in the Field:**

**Redefining the Field Sciences in the Early 20th Century**


**Alex Checkovich, University of Pennsylvania, “Mapping as a Land Use: Geographical Knowledge and the Development of the United States, 1900-1933”**

Georgina Mary Hoptroff, University of Minnesota, “The Best of Both Worlds: Clarence Ray Carpenter and the Introduction of Control and Repetition into Field Primatology”

*Juan Ilerbaig, Independent Scholar, “A Time for Place, a Place for Time: Continuity and Change in American Field Zoology c. 1900”*

**Chair and Commentator:** Jane Camerini, University of Wisconsin

**What’s Colonial about Colonial Science? Comparative Perspectives and Local Specificity, 1770-1850**

Michele Thompson, Southern Connecticut State University, “Jean Marie Despiau: French Physician in the Royal Medical Service of the Nguyen Dynasty”

*Jane H. Murphy, Princeton University, “Despite the All Too Real Disasters’: The Practice of Science in French-Occupied Egypt, 1798-1801”*

Elizabeth Green Musselman, Southwestern University, “Worlds Away: European and African Ideas about Celestial Objects in the Cape Colony”

**Chair:** TBD
Preliminary Meeting Program

Women and Children in the World of Science
Eric D. Kuperberg, MIT and Harvard University, “Alice C. Evans and the Link Between Contagious Abortion and Undulant Fever: An Inversion of Bacteriological Discovery”
Catherine Nishbett, Princeton University, “Thanks for the Check: Women, Money and Labor at the Harvard College Observatory”
Jody A. Roberts and Maria Rentetz, Virginia Tech, “Selling Science, Constructing Gender: The Role of Chemical Instrument Advertisements in the Construction of Gender in the Laboratory”
Cornelia Campbell Lambert, University of South Carolina — Aiken, “Bee is for Benevolence: Natural Theology in Nineteenth Century British Insect Science Texts for Children”
Chair: TBD

Statistical Practice in the Modern World
Nancy S. Hall, University of Delaware, “R. A. Fisher and Randomized Experimental Design”
Chair: TBD

Geography and Geology in the 19th Century
Charles Withers, University of Edinburgh, “Mapping the Niger, 1798-1832: Travel, Trust and Testimony in Late Enlightenment Geographical Enquiry”
A. Bowdoin Van Riper, Southern Polytechnic State University, “The Last Catastrophist: Joseph Prestwich and the Submergence of Western Europe, 1890-1895”
Brian C. Shipley, Dalhousie University, “From Field to Fact: Surveyors’ Experience, Geological Mapping, and the Production of Environmental Knowledge in the Victorian British Empire”
William Joseph Turkel, MIT, “A Property Rights Approach to the Practice of Geological Surveying in British Columbia”
Chair: TBD

Science and Local Cultures
Frans van Lunteren, Utrecht University and Vrije Universiteit Amsterdam, “Dutch Physicists and Causality before, during, and after World War I”
Elisabeth van Meer, University of Minnesota, “From Individualism to Socialism via Technocracy: The Americanization Debate in Czechoslovakia (1918-1948)”
Ab Flipse, Vrije Universiteit Amsterdam, “The Founding of a Science Department at a Calvinistic University”
Darwin H. Stapleton and Donna Stapleton, Rockefeller Archive Center and City Schools of New Rochelle, “Little Science? The Paradoxes of Research and Education in the Sciences at Swarthmore College, 1935-1965”
Chair: TBD

Science and Its Human Subjects
Sarah Whitney Tracy, University of Oklahoma, “Days of Recurring Desires: Inebriety and Alcoholism in Patient Narratives, 1890-1920”

History of Science Society Newsletter July 2003

Soren Bak-Jensen, University of Copenhagen, “The Patient as Scientist: Chiropractors and the Production of Medical Knowledge in Interwar Denmark”
Hans Pols, University of Sydney, “Normal Minds in the Colonies: Psychiatrists as Cultural Commentators in the Former Dutch East Indies”
Abha Sur, MIT, “Ever Since Orientalism: Implications of Graded Hierarchies of Race for Postcolonial Histories of Science”
Chair: TBD

Saturday, 22 November 2003
3:30 p.m. - 5:30 p.m.

To the Letter: Epistolary Codes and Transformative Spaces of Nineteenth-Century Scientific Correspondence
*Paul White, University of Cambridge, “Letters and the Scientific Life in the Age of Professionalization”
Anne Secord, University of Cambridge, “‘Tears of Affection’: Scientific Correspondence and Female-Male Friendship in the Romantic Period”
*Susan D. Bernstein, University of Wisconsin-Madison, “The Mystery of Their Alteration in Form’: Lydia Becker’s Letters to Darwin”
Chair and Commentator: Rebecca Stott, Anglia Polytechnic University

Jews, Jewishness and the History of 20th Century Psychology
Nicole B. Barenbaum, University of the South, “An Identity of Difference: A. A. Roback’s Jewish Hereditarianism”
Ian Nicholson, St. Thomas University, “A Characterological War’: Abraham Maslow, Self-Actualization & Anti-Semitism”
Commentator: Andrew Heinzte, University of San Francisco
Chair: *Ben Harris, University of New Hampshire

The Organic Metaphor and the Human Sciences
Michael C. Carhart, University of Nevada, “Culture and the Rejection of the Organic Metaphor in the 1780s”
Naomi Beck, Université de Paris I and University of Chicago, “The Appeal of the Organic Metaphor in Spencerism”
*Daniela Barberis, University of Chicago, “In Search of an Object: Organicism Sociology and the Reality of Society in Fin-de-Siècle France”
Chair and Commentator: Bruce Mazlish, MIT

Cultures of Knowledge in the Atlantic World: Iberian, French and British Perspectives
Antonio Barrera, Colgate University, “Knowledge and Nature in the Spanish Atlantic World”
Nick Dew, Cambridge University, “The Geography of Precision in the French Atlantic World”
*James Delbourgo, McGill University, “Creole and Colonial Knowledges in the British Atlantic World”
Chair and Commentator: Joyce Chaplin, Harvard University

VII
Saturday, 22 November 2003
3:30 p.m. - 5:30 p.m.
continued

SCIENTIFIC MANAGEMENT OF PRODUCTIVITY: FORMALIZATION, STANDARDIZATION, AND EFFICIENCY IN THE LABORATORY, IN THE WOODS, AND IN THE FACTORY

Andreas Mayer, Max Planck Institute for the History of Science, "'Rational Shoes': The Study of Human Locomotion in the Laboratory, the Clinic, and the Military"

Herbert Mehrtens, Technische Universität Braunschweig, "Engineering Efficiency"

*Sarah Jansen, Harvard University, "Optimum Sustainable Yield': Concept and Practices of Productivity in German Forestry Science during the Late 18th Century"

Commentator: Robert Brain, Harvard University
Chair: TBD

RACE AND MEDICINE IN LATE-TWENTIETH CENTURY AMERICA

*Ellen Dwyer, Indiana University, "Race, Neuropsychiatry, and World War II"


Kirby Randolph, IHHCPAR, Rutgers University, "Racism: Mental Illness?"

Naomi Rogers, Yale University, "Science, Medicine and the Ghetto: Anti-Colonialism and American Health Activism in the 1960s"

Chair: TBD

RES ET VERBA: THINGS AND WORDS IN THE HISTORY OF SCIENCE

Catherine Eagleton, University of Cambridge, "'Chaucer's Own Astrolabe' and the Relationship Between Text, Image and Object"

*Adam Mosley, University of Cambridge, "Object-Lessons: Instrument-Books and Their Uses in the Sixteenth Century"

Koen Vermeir, Leuven University, "Visualizing the Invisible: Instruments/Illustrations/Texts"

Adelheid Voskuhi, Cornell University, "Bodily Motions Betraying Emotional Involvement': 'Technical and Textual Production of Music-Making Automata in Late 18th Century Germany and Switzerland"

Chair: Adam Mosley, University of Cambridge

VISUAL LANGUAGES OF GENDER IN SCIENCE

*Ann B. Shteir, York University, "Iconographies of Flora: The Goddess of Flowers in the Cultural History of Botany"

Joan Steigerwald, York University, "Figuring Nature, Figuring the (Fe)Male: The Frontispiece to Humboldt's 'Ideas Towards a Geography of Plants'"

Sally Gregory Kohlstedt, University of Minnesota, "Nature by Design: Masculinity on Display in Nineteenth-Century Natural History Museums"

Jennifer Tucker, Wesleyan University, "Gender and Genre in Scientific Photography, 1850-1900"

Chair: Bernard Lightman, York University

LIVING MUSEUMS/DEAD COLLECTIONS

Simon Keith Naylor, University of Bristol, "Regional Science: Nineteenth Century Cornwall as Natural Museum"

*Sam Alberti, University of Manchester, "Collecting the Dead: Anatomy Museums in Nineteenth-century Britain"

Paul A. Elliott, Nottingham University, "Public Arboreta: The 'Living Museums' of Victorian Britain"

Chair and Commentator: John Pickstone, University of Manchester

RETHINKING IMAGES: USING PHOTOGRAPHS AS EVIDENCE TO WRITE THE HISTORY OF RECENT SCIENCE

*Pamela M. Henson and *Ronald E. Doel, Smithsonian Institution, Oregon State University, "(Re)viewing Recent Science: Using Photographs as Visual Evidence in History of Science Research"

Rick Dingus, Texas Tech University, "The Problematic View: Reconsidering Nineteenth Century Photographs as Evidence"

Peter Bacon Hales, University of Illinois at Chicago, "Reconsidering the Evidentiary in Photographs: Lessons from Three Historical Moments in the History of Science"

Commentator: Urban Wrakberg, Royal Swedish Academy of Sciences

Chair: Karen Rader, Sarah Lawrence College

Sunday, 23 November 2003
9:00 a.m. - 11:45 a.m.

SELVES, SUBJECTS, AND IDENTITIES IN THE TWENTIETH-CENTURY HUMAN SCIENCES

(co-plenary session)

Alison Winter, University of Chicago, "Chemistry of Truth and Sciences of Identity on Film 1930-1950"

Sarah E. Ligo, University of Pennsylvania, "Statistics, Selves, and Other Subjects: Kinsey-Era Americans"

Greg Eghigian, Penn State University, "Socialism and the Sciences of the Deviant Self: The East German Psyche Observed"

*Elizabeth Lunbeck, Princeton University, "Paradoxes of Plenty: The American as Exemplary Narcissist"

Chair and Commentator: *John Carson, University of Michigan

2nd co-plenary, TBA

SPECIAL SESSIONS

Thursday, 20 November, 1:00 p.m. to 5:00 p.m.
HSS COUNCIL

Friday, 21 November, 7:30 a.m. to 9:00 a.m.
ISIS EDITORIAL BOARD

Friday, 21 November, 7:30 a.m. to 9:00 a.m.
WOMEN'S CAUCUS

Saturday, 22 November, 8:00 a.m. to 8:45 a.m.
OSIRIS EDITORIAL BOARD

Sunday, 23 November, 8:00 a.m. to 9:00 a.m.
HSS BUSINESS MEETING

Please check the HSS Web site for committee meetings and noon-time sessions.
**HOTEL RESERVATION FORM**

*The Hyatt Regency Cambridge is pleased to welcome the HISTORY OF SCIENCE SOCIETY*

20-23 November 2003

**Schedule of Rates:**

<table>
<thead>
<tr>
<th>Room Type</th>
<th>Rate</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single</td>
<td>$135.00</td>
<td>Room rates are subject to taxes, currently 12.45%.</td>
</tr>
<tr>
<td>Double</td>
<td>$135.00</td>
<td>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.</td>
</tr>
<tr>
<td>Triple</td>
<td>$160.00</td>
<td>Cancellation notice for refunds is required 24 hours prior to scheduled arrival.</td>
</tr>
<tr>
<td>Quadruple</td>
<td>$185.00</td>
<td>Special requests honored on a space-available basis.</td>
</tr>
</tbody>
</table>

**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.

**Electronic registration is strongly encouraged:** [http://hssonline.org/meeting/index.html](http://hssonline.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
- [ ] Roll-away bed requested (n/a in double rooms)
- [ ] Double (2 persons/2 beds)
- [ ] Double (2 persons/1 bed)
- [ ] 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.

**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.
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 “Snare 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 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, 2352, 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 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: mzela@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...
GRANTS, FELLOWSHIPS, AND PRIZES

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, Y026 4XJ, UK. Inquiries may be made by email to cdll@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@acls.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](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](http://www.harvard.edu). 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. Evelynn 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/EEO. The University welcomes applications from minority and women candidates.

Acquisitions Editor – Sciences, [University of Chicago Press](http://press.uchicago.edu). 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](http://www.yale.edu) 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**

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[Erasmus Darwin House](http://www.erasmusdarwin.org) 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](http://www.erasmusdarwin.org).


A symposium to commemorate Herbert Spencer 1820-1903, founding father of modern sociology will be held at the [Linnean Society](http://www.linnean.org), 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 1PE, United Kingdom; email: Betty.Nixon@talk21.com.

The [1st Annual Joint Atlantic Seminar for the History of Medicine](http://www.jointatlantic.org) 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](http://www.jointatlantic.org) or send inquiries to the graduate student coordinator: “S. Ryan Gregory” (scgregor@sas.upenn.edu).
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 inquiries 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. Keesling, Ph.D., RN, Chair, 2004 Program Committee, SAHMS, McLeod Hall, The University of Virginia School of Nursing, Charlottesville, VA 22908; email: awk2z@virginia.edu.


FUTURE 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 PCST 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 hopos2004@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 Serneri Dipartimento di Scienze storiche, giuridiche, politiche e sociali – University of Siena; mail address: via P.A. Mattioli, 10–I-53100 Siena (Italy); email: neriserneri@unisi.it; tel.: ++39-0577-235294/306; fax: ++39-0577-235292; email: neriserneri@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@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 schechner@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 cause 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).

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 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.

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 your calendars for Cambridge and Austin, and we will see you in late November in 2003 and 2004.

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After July 31, mail orders to The HSS, University of Florida, P.O. Box 117360, Gainesville, FL 32611.