

# Newsletter



**VOLUME 35 NUMBER 4**  
**October 2006**

## Welcome to Vancouver

Welcome to Vancouver! Our fair city tops most lists as one of the best places to live in the world. Some of you may also know that Vancouver will host the Winter Olympics 2010, which has excited the entire populace. Less well known, but even more impressive is the fact that Vancouver will soon host the professional conferences of the History of Science Society, Philosophy of Science Association, and the Society for Social Studies of Science (4S). Combined, these three groups will represent the largest gathering of science-studies scholars ever! Thus, 2006 is actually the year most Vancouverites anticipate with pleasure, not 2010.

Vancouver is Canada's second largest city, after Toronto. It is also the country's largest port, its major city on the west coast and a thriving multi-cultural metropolis. A colleague who lives in the Westend (near Stanley Park) commented that nowhere in the world could one step out her front door and walk to beautiful sand beaches (English Bay), wander through a virgin coniferous forest (Stanley Park), amble through a neighborhood filled with a diverse array of cuisines, and stroll to a world-class opera or symphony. Not even New York City can boast of these amenities.

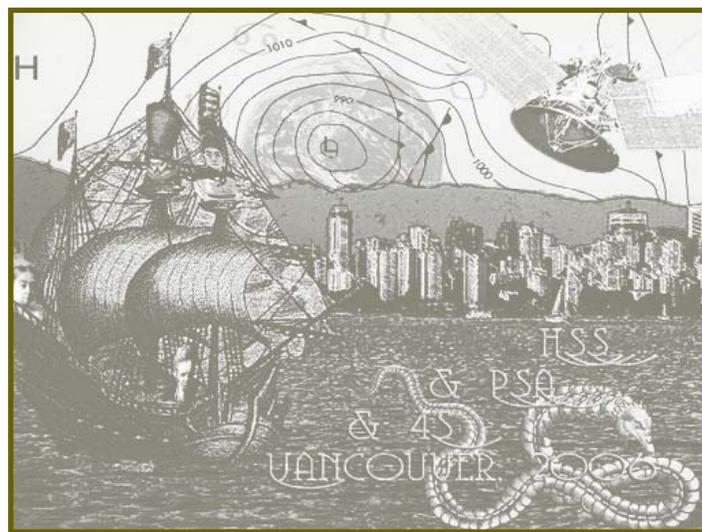
The physical setting is also unparalleled. Nestled between Burrard Inlet to the north and Fraser River (home to the largest salmon runs in North America) to the south, Vancouver is surrounded by the sea and mountains. The Straits of Georgia stretch between the city and Vancouver Island, Howe Sound extends northward to Squamish and on to Whistler (a beautiful drive), and the beginnings of the Coast Range mountains (Grouse Mountain and Lion's Gate) offer locals three ski areas within sight of downtown. It is truly a spectacular city, for urban dwellers and outdoors people alike.

Vancouver's climate is moderate and rainy at this time of year. Average monthly highs are 14C/58F for October and 9C/48F for November. But there is no need to pack a "brolly;" the Hyatt Regency, our conference hotel, provides umbrellas in each guest room.

Downtown Vancouver is a bustling center of new high rises and condominiums (especially in Yaletown), thus creating a thriving nightlife. There are really too many excellent restaurants to mention, featuring the nouvelle cuisine of this region, seafood, and a mind-boggling diversity of Asian foods. Adventuresome gastronomes are recommended to stroll through Chinatown to sample the various foods available there, but bring a dictionary, since English is a second language in this fascinating part of the city. The aforementioned Yaletown offers many restaurants, catering especially to the young professionals who live in this area. More established restaurants are scattered in the downtown core, especially around Robson Street and just east of the Hyatt Hotel.

Do not miss the chance to visit Stanley Park. This is a jogger's Mecca, with a seawall that will allow even the longest distance runner to become winded. Those

# HISTORY OF SCIENCE SOCIETY



who love to hike can take advantage of well-groomed trails snaking through the virgin forest. There are also formal gardens, an aquarium and zoo, restaurants, a rowing club, and many other activities to enjoy.

It is tempting to provide more alluring details, but part of the wonder of Vancouver is to discover the city on your own. Take the water taxi to Granville Island, wander along the paths lining English Bay, rent a bicycle to explore the University of British Columbia . . . whatever you do, it will be enjoyable! Again, "Welcome to Vancouver."

— By Keith Benson  
Principal, Green College  
University of British Columbia

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## POSITION ANNOUNCEMENT ENVIRONMENTAL HISTORY

Michigan State University invites applications for a full-time, tenure-track position as an Assistant Professor beginning fall 2007 in the Lyman Briggs School of Science (LBS) (75%) (<http://www.lymanbriggs.msu.edu>) and the Department of History (25%) ([www.history.msu.edu](http://www.history.msu.edu)).

LBS is a vibrant undergraduate, residential program in the College of Natural Science focusing on the study of science and its impact on society. Candidates should have a PhD in the history of science with a specialization in environmental history and ancillary interests in the life sciences. The ideal candidate will be enthusiastic about teaching and will be expected to maintain an active research program. The successful candidate will work closely with undergraduates, teaching four small (15-30 students) courses a year from an introductory freshman course to a Senior Seminar to a graduate course.

The joint appointment with the Department of History in the College of Social Science will add to MSU's growing cross-college collaboration and access to graduate students. The salary will be competitive and commensurate with experience.

Letters of application, accompanied by a curriculum vitae, writing sample, teaching philosophy and research program statements, and syllabi from previous courses taught should be sent to:

Environmental History Search Committee  
Lyman Briggs School  
28 East Holmes Hall  
Michigan State University  
East Lansing  
MI 48825-1107.

Three reference letters should be sent directly to the above address. All materials must be received by November 15, 2006. Questions should be directed to Prof. Kristie Macrakis, Chair of the Committee, at [macrakis@msu.edu](mailto:macrakis@msu.edu).

MSU is an affirmative action, equal opportunity institution. Applicants who are not U. S. citizens or permanent residents must provide a document of employment authorization for the U.S. Persons with disabilities have the right to request and receive reasonable accommodation. Women and minorities are strongly encouraged to apply.

## History of Science Society Executive Office

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Or write University of Chicago Press, Subscription  
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60637-7363.

## Moving?

Please notify both the HSS Executive Office and the University of Chicago Press at the above addresses.

## HSS Newsletter

### Editorial Policies, Advertising, and Submissions

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

The *Newsletter* is edited and desktop published in the Executive Office on an Apple system using Microsoft Word and InDesign. The format and editorial policies are determined by the Executive Director in consultation with the Committee on Publications and the Society Editor. All advertising copy must be submitted in electronic form. Advertisements are accepted on a space-available basis only, and the Society reserves the right not to print a submission. The rates are as follows: Full page (9 x 7.5"), \$400; Horizontal or Vertical Half page (4.5 x 7.5"), \$220; Quarter page (3 x 5"), \$110. The deadline for insertion orders and camera-ready copy is six weeks prior to the month of publication (e.g., 20 November for the January Newsletter) and should be sent to the attention of the HSS Executive Office at the above address. The deadline for news, announcements, and job/fellowship/prize listings is firm: The first of the month prior to the month of publication. Long items (feature stories) should be submitted six weeks prior to the month of publication as e-mail file attachments or on a 3.5" disk (along with a hard copy). Please send all material to the attention of Michal Meyer at the HSS address above (e-mail or disk appreciated).

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# News and Inquiries

## New York Hall of Science to Study How Children Learn Evolution

The New York Hall of Science and five other institutions are beginning a project to research how children acquire the concepts of biological evolution and look at new ways to engage children in exploring the topic. The NSF has awarded a \$2.5 million grant for a four-year research project entitled "Life Changes," which will be conducted by the Hall, the Center for Human Growth and Development, University of Michigan, North Museum of Natural History and Science, Miami Science Museum & Planetarium, and the Association of Science and Technology Centers. The research will culminate in an exhibition designed to engage both children and their parents. The 1,000-square-foot "Life Changes" exhibition will be displayed at the Hall before traveling to other informal science institutions throughout the country. For more information contact the Hall's public relations office at 718.699.0005 ext. 342 or project director Martin Weiss, V.P., Science, mweiss@nyscience.org.

## Contributors Needed for Encyclopedia of World History

Contributors are needed to write six entries for an upcoming 21-volume *Encyclopedia of World History* (ABC-CLIO). The coverage should be as global as possible, under the broad heading of "Science and Technology."

Agricultural and Animal Sciences Entries (all for the era 1900-1945): Introduction to Topic (600 words), Animal Breeding Worldwide (1,000 words), Advances in Agriculture: Fruits and Vegetables (600 words), Advances in Agriculture: Coffee and Tea (600 words), Advances in Veterinary Medicine (600 words), Commercial Animal Raising (e.g., South Africa, Argentina, New Zealand) (600 words). If interested, please contact micheel.tarver@atu.edu.

## Oral History Project Requires Interviewers

ANSYA Enterprise Solutions is conducting oral history related to fusion and is looking for individuals with PhDs in the History of Science. The project deals with interviewing individuals connected to Fusion programs. The interviews will be done in California and England. If you are interested, please contact Madhu Nair; tel: 585.582.5701 or e-mail: mnair@ansya.com.

## Science Education Requests

### Articles

In 2007 *Science Education* will publish a special issue and institute a new section of its journal focus-

ing on "Science Studies & Science Education." For the special issue and the subsequent establishment of the new section on science studies, the journal will solicit manuscripts that develop an understanding of how Science Studies applies to theory, methodology, policy and practice of science education. The deadline for paper submissions is March 31, 2007.

## Announcements

**The 2006-2007 Maryland Colloquium in the History of Technology monthly colloquium at the University of Maryland** will convene on the following dates:

*November 2*

Chihyung Jeon, Massachusetts Institute of Technology, "A Road to Modernization and Unification: the Construction of the Kyungbu Highway in South Korea."

*December 7*

Zachary Schrag, George Mason University, "Silent Gatlings and Blank Cartridges: Gilded Age Attempts at Non-Lethal Riot Control."

*February 8*

Guillaume de Syon, Albright College, "'Fly Me, I'm Safe': Airline Advertising and the Spread of Aircraft Public Knowledge."

*March 1*

Michael Neufeld, National Air and Space Museum, "Space Race Hero or Nazi Villain? Wernher von Braun as Icon in the United States and the Two Germanys since 1945."

*April 5*

Amy Slaton, Drexel University, "Two Steps Back: Engineering and Race at the University of Maryland in the Separate-But-Equal Era."

**Leibniz Sozietät announces 2007 International Meeting** planned on the International Geophysical Year, 50 years ago. Visit the Leibniz Sozietät homepage at <http://www.leibniz-sozietat.de>.

**The New York Academy of Medicine Section on the History of Medicine and Public Health announces their lecture season:**

*October 12*

David S. Barnes, "The Great Stink of Paris and the Nineteenth-Century Struggle against Filth and Germs."

*November 8*

John P. Swann, "100 Years and More of Misbranding, Adulteration, and Drug Regulation in America."

*December 6*

Barron H. Lerner, "When Illness Goes Public: Celebrity Patients and How We Look at Medicine."

*January 25*

Harriet Washington, "American Apartheid: The Dark History of Medical Experimentation on Black Americans."

*February 15*

Chris Feudtner, "Depicting Decisions: The History of Diabetes and the Daily Work of Care."

*March 21*

Walton Schalick "School Books, School Days: The Technology of Medical Books in Medieval Paris."

*April 26*

Susan Lederer, "Bombs, Blood, and Bio-Markers: Medical Preparedness in Cold War America."

*May 22*

Gerry Oppenheimer, "Shattered Dreams?" The Impact of AIDS on the New South Africa."

For more information: <http://www.nyam.org/initiatives/im-biste.shtml>, or write [history@nyam.org](mailto:history@nyam.org), or call Chris Warren at 212.822.7314.

## Graduate Programs

**The European School of Molecular Medicine (SEMM)** announces the official start of its Ph.D. program in 'Foundations of Life Sciences and Their Ethical Consequences.' The program will begin accepting applications soon. For further information, please visit the Web site, or contact Francesca Fiore, Education and Information Coordinator, at [francesca.fiore@semm.it](mailto:francesca.fiore@semm.it).

**The Unit for History and Philosophy of Science at the University of Sydney** encourages applications for graduate study via a new Australian Government initiative that will double scholarship opportunities in Australia and the Asia-Pacific region. For more details, please see <http://www.australianscholarships.gov.au/>. For more information on graduate study in HPS at Sydney, please see <http://www.usyd.edu.au/hps>.

**The University of Minnesota** announces a new graduate program in History of Science, Technology, and Medicine (see advertisement page 4). In addition to its strong offerings in the social and intellectual history of science, technology, and medicine the new program will allow students to study the history of topics that lie at the boundaries of these areas such as biomedical engineering, the biomedical sciences, and the use of computer technology in health care and the health sciences. Financial aid is available, and applications for graduate study are now being accepted for admission in fall 2007. For further information contact: The Program in History of Science, Technology, and Medicine, 148 Tate Laboratory of Physics, University of Minnesota, 116 Church St. SE, Minneapolis, MN 55455. E-mail: [hstm@physics.umn.edu](mailto:hstm@physics.umn.edu), or visit <http://hstm.umn.edu/>.

## THE 2006 STEPHEN M. STRAKER MEMORIAL LECTURE AT UBC

**Professor Simon J. Schaffer**  
 Department of History and Philosophy of Science  
 Cambridge University

### “Single Vision and Newton’s Sleep”

Wednesday, 1 November 2006  
 Buchanan A104, The University of British Columbia  
 4:00-5:30 p.m. Reception to follow.

Stephen M. Straker (1942-2004), the founder of and inspiration for Science and Technology Studies/ History and Philosophy of Science at UBC, was a member of the UBC History Department for more than thirty years. He was a legendary and inspirational teacher of history and philosophy of science as well as a distinguished scholar of early modern science.

Simon J. Schaffer is one of today’s leading historians of science. He was co-winner, with Steven Shapin, of the 2005 Erasmus Prize, which was awarded in the field “History of Science in relation to Culture and Society.” He is the author of scores of important essays and books in history of science and is the editor of *The British Journal for History of Science*.

We hope that those of you coming to Vancouver for the History of Science Society, Philosophy of Science Association, and Society for Social Studies of Science meetings might think of coming a day early to celebrate Stephen Straker’s legacy.

## Resources

The ACLS History E-Book Project (HEB) and Rutgers University Press have published two new electronic titles that bring sound and video into the electronic monograph. Through HEB the Press has issued e-versions of Fred Nadis’ “**Wonder Shows: Science, Religion, and Magic on the American Stage,**” which incorporates several short films that document the American fascination with the wonders of science and technology. For a list of HEB’s open-source XML tools and features see <http://www.historyebook.org/xml-features.html>. Subscribers to HEB may access these complete e-books along with 1,300 other titles currently in the collection.

The papers of **Dr. Henry Bahnson**, a Hopkins trained cardiovascular surgeon, long-time chairman of the department of surgery at the University of Pittsburgh School of Medicine, and a major innovator from the 1950’s to the 1970’s in cardiac surgery, are now available for use at the University Archives of the University of Pittsburgh. For further information contact: Ms. Marianne Kasica; (tel.) 412.244.7078 or e-mail [marianne@pitt.edu](mailto:marianne@pitt.edu).

## In Memoriam

Audrey B. Davis, wife of Miles Davis, died on 29 August 2006. A former officer of the History of Science Society, Audrey served as Secretary from 1982 to 1985. She and Miles were steadfast supporters of the HSS, establishing in 1985 the Watson Davis and Helen Miles Davis Prize, which was named for the former director of Science Service and his wife. Her support of the Society for these many years is deeply appreciated.

## Web sites

A new Web site on the history of **smallpox** may be found at <http://www.smallpoxhistory.ucl.ac.uk/>. For information on events, conferences and exhibitions in the **Berlin region on History of Science and Technology**, point your browser to: <http://www.mpiwg-berlin.mpg.de/en/aktuelles/berlinkalender.html>.

### Correction

*In the obituary notice for David L. Cowen (July 2006 Newsletter), two errors appeared. Professor Cowen died on 14 April 2006, not the sixteenth as originally stated. As well, his book Medicine and Health in New Jersey: A History was written for New Jersey’s tercentennial celebration, not its bicentennial.*

## New Graduate Program

**History of Science,  
 Technology, & Medicine  
 University of Minnesota**

The University of Minnesota is pleased to announce the formation of a new graduate program in History of Science, Technology, and Medicine resulting from the merger of the long-established graduate programs in History of Science and Technology and History of Medicine. In addition to its strong offerings in the social and intellectual history of science, technology, and medicine the new program will allow students to study the history of topics that lie at the boundaries of these areas, such as biomedical engineering, the biomedical sciences, and the use of computer technology in health care and the health sciences. Substantial financial aid is available in the form of fellowships and teaching and research assistantships, and applications for graduate study are now being accepted for admission in fall 2007.

### The new program has eleven faculty members:

Jennifer Alexander <i>(modern European technology)</i>	Sally Gregory Kohlstedt <i>(American science)</i>
Mark Borrello <i>(modern biology)</i>	Tom Misa <i>(modern technology and culture)</i>
John M. Eyler <i>(modern medicine and public health)</i>	Robert W. Seidel <i>(19th and 20th century science and science-based technologies)</i>
Jennifer Gunn <i>(modern medicine and social sciences)</i>	Jole Shackelford <i>(Renaissance medicine)</i>
Michel Janssen <i>(modern physics)</i>	Alan E. Shapiro <i>(early-modern physical sciences)</i>
Susan Jones <i>(modern biomedical and life sciences)</i>	

For further information contact: The Program in History of Science, Technology, and Medicine, 148 Tate Laboratory of Physics, 116 Church St. SE, University of Minnesota, Minneapolis, MN 55455, or at [hstm@physics.umn.edu](mailto:hstm@physics.umn.edu), or visit the Web page at <http://hstm.umn.edu/>.

# Gift of Major Library on History of Science to The Huntington

An unprecedented gift to The Huntington Library, Art Collections, and Botanical Gardens will substantially expand its holdings in the field of the history of science and technology, making it one of the most extensive collections in this field in the world.

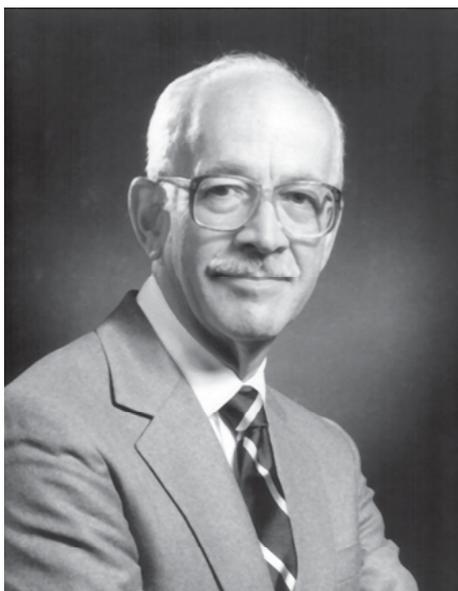
The gift is the entire Cambridge, Massachusetts-based Burndy Library, composed of some 67,000 rare books and reference volumes, as well as a collection of scientific instruments.

The Burndy Library, founded by Ukrainian-born and Connecticut-based inventor and industrialist Bern Dibner (1897-1988), is the largest library collection to come to The Huntington since Henry E. Huntington's founding gift to the institution in 1919. The Burndy Library consists of an extensive collection in the history of science and technology with a strong focus on the physical sciences. The Burndy material is slated to move to The Huntington in fall 2006.

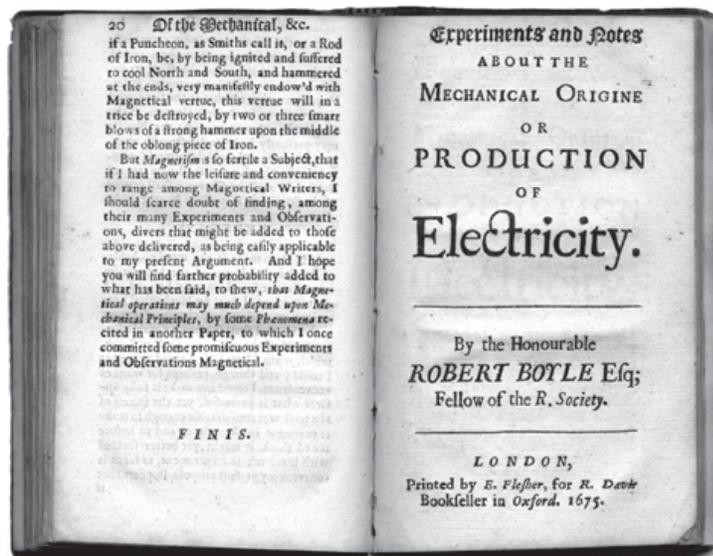
The Burndy Library comprises important materials from antiquity to the 20th century, with a particular emphasis on 18<sup>th</sup>-century physics, including collections by and about Isaac Newton, as well as major collections in 18<sup>th</sup> and 19<sup>th</sup>-century mathematics, the history of electricity, civil and structural engineering, optics and color theory, among others. The collection includes such rare treasures as a 1544 edition of Archimedes' *Philosophi ac Geometrae*, a first edition of Robert Boyle's *Experiments and Notes about the Mechanical Origin or Production of Electricity* (1675) and the scientific library of Louis Pasteur.

Bern Dibner designed and patented the first solderless electrical connector — a new way to join cable and wire — and founded the Burndy Engineering Company in 1924. He established the Burndy Library in 1941 to house his growing collection of rare books and manuscripts. Dibner, a scholar as well as businessman, was fascinated by Leonardo da Vinci and the history of science. He enrolled at the University of Zurich in 1936 to study the subject. It was during this period that he began his lifelong avocation in the history of science and technology as a book collector, patron of the embryonic field of scholarship, and as a prolific author.

Shortly before his death in 1988, Bern Dibner expressed his desire that an institute dedicated to the study of the history of science and technology be founded in the Cambridge area. In 1992 David Dibner, Bern's son and only child, and David's wife Frances set about to fulfill Bern's dream by establishing the Dibner Institute for the History of Science and Technology at the Massachusetts Institute of Technology. Anticipating the expiration of the hosting arrangement with MIT in 2007, the Dibners began looking at other possible locations and, after a national search, decided on The Huntington.



David Dibner



First edition of 17th-century British philosopher Robert Boyle's *Experiments and Notes about the Mechanical Origin or Production of Electricity*, 1675. Burndy Library. The Huntington Library, Art Collections, and Botanical Gardens.

During discussions between The Huntington and the Dibner family about the library's future, David Dibner, who spearheaded the effort to move the collection to The Huntington, passed away unexpectedly. An accomplished businessman, philanthropist, and civic leader, David Dibner was chairman of the Dibner Fund, a family philanthropy in Wilton, Conn., as well as president of the Burndy Library. His son Brent Dibner, who is chairman of the Dibner Institute and vice president of the Dibner Fund, succeeded him as president of the Burndy Library.

The Huntington has one of the most heavily used rare books libraries in the nation outside of the Library of Congress, delivering more than 350,000 rare items to some 1,700 visiting scholars each year. One of its strong collecting areas is the history of science and technology, documenting the growth of fundamental areas of scientific inquiry from the 12th century up to the dawn of the 21st.

*The Huntington Library, Art Collections, and Botanical Gardens is a collections-based research and educational institution serving scholars and the general public. More information can be found on the Web at [www.huntington.org](http://www.huntington.org).*

## Future HSS Meetings

### Washington, DC

(1-4 Nov. 2007)

### Pittsburgh, PA

(Joint Meeting with PSA, 6-9 Nov. 2008)

# John Perhonis retires as NSF Associate Program Director

NEWS AND INQUIRIES

*John Perhonis recently announced his retirement as NSF Associate Program Director. Since 1995 he has been Associate Program Director in both the Science and Technology Studies Program and the Societal Dimensions in Engineering, Science, Technology Program, where he manages the dissertation proposals. He also manages the funding of the ethics components for the NSF Research Experience for Undergraduate Program, and is Program Manager of the Social, Behavioral, and Economic Sciences Minority Post-Doctoral Fellowship Program. He gives a brief overview of his work.*

I joined the STS program at NSF under Ron Overmann in 1994. Since I came from another part of NSF with a free staff position as well, Ron was quite eager to have me. As Ron said at the time when making the case to the higher ups: If John handles even one or two of my proposals that will be a relief. In effect, within several years, and after Ed Hackett joined as program officer (with Ron's retirement), I was doing all the STS dissertations, among other related duties, some of which were in other programs. At that time, there were maybe 20 STS dissertation proposals each bi-yearly competition, mostly in history and philosophy of science. Twelve years later we have on the average of between 30-40 each competition, and as many as 50 in some competitions, half of which come from social studies of science, an expanding area over the 12 years. In the 12 years I have run the dissertation program, I have looked at and sent out for review approximately 700 STS dissertation proposals and have made almost 300 awards. We had at least a 33% success rate, and in the early years we sometimes were

able to fund half of the dissertations (there were less of them).

I have stories to tell, but generally my greatest satisfaction, besides making the awards, is having a student come up to me at a meeting and say that he/she couldn't have finished his/her dissertation without the NSF support. I have also been generally impressed by the caliber (and good graces) of all the students I have been in contact with mostly via e-mail, both awardees and declines, and I'm proud of the feedback I have offered them through the review process and proud of how many of them have used such feedback to come back again and finally get awarded after first getting declined. As a lonely government bureaucrat, I have felt gratified by any and all contact with students (except those that phone me five times a day, not having batched their questions), in any form, and I must say, the declines have accepted their declines with humility and the awardees have been appropriately ecstatic. I hoped I have helped in some way with the future of the academic fields, and also the future of some of the dissertation students. Many dissertations have resulted in books and our shelves proudly display them. I hope the program can continue to offer dedicated support from a program officer for the dissertations as a distinct group of proposals because they have their own needs, issues, and of course satisfactions. I'm leaving NSF because I am old enough to be concerned about framing my life differently for a while, and then see what new things emerge, and, after 12 years, it's time

to give someone else a shot at it.

*Editor's Note: If you see John at the meeting in Vancouver, please let him know how much you appreciate his work for our discipline.*



John Perhonis

Photo courtesy John Perhonis

## Awards, Honors, and Appointments

**Jim Endersby** has been appointed to a permanent lectureship in the History Department at the University of Sussex, where he will be teaching the history of science, focusing on Britain in the 19th Century.

**Sandra Herbert** (History, UMBC) will be Distinguished Visiting Scholar at Christ's College, Cambridge during the 2006-2007 academic year.

**Chuang Liu** of the Philosophy Department of the University of Florida has been awarded a National Science Foundation grant, his second. His project 'Quantum Measurement at the Limit' was funded within the NSF Science and Society Program. His goal is to "argue for a new solution to the measurement

problem (MP): a solution under the idealization of macroscopic limit... MP is one of the main problems, if not the problem, at the foundations of physics."

**Nancy J. Nersessian** (Georgia Institute of Technology) has been elected a Foreign Member of the Royal Netherlands Academy of Arts and Sciences.

**Eric Schuettelpelz** is the recipient of the 2006 Lawrence Memorial Award. For his dissertation research, Mr. Schuettelpelz has undertaken a study of understanding the origin and diversification of fern epiphytes.

**James Secord** (History and Philosophy of Science Department at the University of Cambridge) has

been appointed director of the Darwin Correspondence Project. His appointment, which follows the retirement of **Duncan Porter**, comes at a pivotal time for the project, which has just published the fifteenth volume of what will eventually be a thirty-volume edition of all known letters written both by and to Charles Darwin.

Clarkson University History Professor **Sheila Weiss** has been named a Daimler-Chrysler Fellow at the American Academy in Berlin. Weiss will spend the fall semester in Berlin working on a biography of the German human geneticist Otmar Freiherr von Verschuer (1896-1969), the dissertation advisor of the notorious Auschwitz doctor Josef Mengele.

## 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://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](mailto:newsletter@hssonline.org).*

### Lawrence Memorial Award

The annual Award (\$2,000) is given to support travel for doctoral dissertation research in systematic botany or horticulture, or the history of the plant sciences, including literature and exploration. Professors are urged to nominate students who have achieved official candidacy. Letters of nomination and supporting materials, including seconding letters, should be received by the Committee no later than 1 May 2007 and should be directed to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890 USA. Tel. 412-268-2434.

### The H. Richard Tyler Award

This award sponsored by the American Academy of Neurology (AAN) encourages historical research using the AAN Rare Books Collection at the Bernard Becker Medical Library at the Washington University School of Medicine in St. Louis, MO. The award provides up to \$1,200 for research expenses. Applications can be submitted online from the AAN Web site at: <http://www.aan.com/awards>. The AAN Rare Books Collection consists of more than 3,000 classic textbooks and monographs predating the founding of the AAN in 1948 and the contemporary period of medical publishing. For more information, visit the Archives and Rare Books section of the Becker Library Web site at <http://becker.wustl.edu/aan>.

### Lemelson Center Fellowships 2007

The Lemelson Center Fellows Program supports projects that present creative approaches to the study of invention and innovation in American society. The fellowship program provides access to the Smithsonian's vast collections. The Center offers fellowships to scholars and professionals who are pre- or postdoctoral candidates or who have completed advanced professional training. Fellowships are awarded for a maximum of ten weeks and carry a prorated stipend. Application deadline is 15 January 2007. Applications may be found at <http://invention.smithsonian.org/fellowships>.

### Akademie Schloss Solitude Residency Program

Three jurors will select the program's fellows for a residence fellowship of six to twelve months in duration from the following disciplines: economics, humanities, and engineering sciences. Each fellowship recipient is granted Euro 1000 per month, in addition to free lodging. Application deadline is 31 October 2006. For more information, e-mail: [mail@akademie-solitude.de](mailto:mail@akademie-solitude.de).

### Roy Porter Student Essay Prize Competition

The Society for the Social History of Medicine (SSHM) invites submissions to its 2006 Roy Porter Student Essay Prize Competition. The prize will be awarded to the best original, unpublished essay in the social history of medicine submitted to the competition as judged by the SSHM's assessment panel. The winner will be awarded £500, and his or her entry may also be published in the journal, *Social History of Medicine*. Deadline: 31 December 2006. For more information, contact Dr. Lutz Sauerteig at [competition@sshm.org](mailto:competition@sshm.org).

### Reynolds Fellowships for 2007 Available

The Historical Collections unit of the University of Alabama at Birmingham offers grants of up to \$1,000 for research on topics covered in one or more of its three departments: Alabama Museum of the Health Sciences, Reynolds Historical Library, and University Archives. Particular strengths include (but are not limited to) Southern medicine and surgery, Civil War medicine, early 19th century medicine and health care, and botanical medicine. All interested researchers are encouraged to apply by 31 December 2006. For more information: <http://www.uab.edu/reynolds/fellowship.htm>.

### The Bakken Library and Museum

The Bakken Library and Museum offers two kinds of assistance for the purpose of facilitating research in its collection of books, journals, manuscripts, prints, and instruments: Vis-

iting Research Fellowships and Research Travel Grants. Visiting Research Fellowships (up to \$1,500) are to be used to help to defray the direct costs of conducting research. Deadline: 16 February 2007. Research Travel Grants up to a maximum of \$500 (domestic) and \$750 (foreign) are to be used to help to defray the direct costs of conducting research. Contact: Elizabeth Ihrig, Librarian, The Bakken Library and Museum, 3537 Zenith Avenue So., Minneapolis, MN., 55416; tel. 612-926-3878 ext. 227, fax. (612) 927-7265, or e-mail [Ihrig@thebakken.org](mailto:Ihrig@thebakken.org).

### The Victor and Joy Wouk Grant-in-Aid Program

California Institute of Technology Grants-in-Aid offers research assistance of 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. Please visit: <http://archives.caltech.edu>. Applications are reviewed on January 1, April 1, July 1 and October 1 of each year.

### The University of Oklahoma Travel Fellowship Program

The Andrew W. Mellon Travel Fellowship Program helps visitors to make use of the University's History of Science Collections. Proposals from scholars at both predoctoral and postdoctoral levels are evaluated continuously upon receipt, and funds awarded shortly after the decision is made. E-mail: [kmagruder@ou.edu](mailto:kmagruder@ou.edu) or [mogilvie@ou.edu](mailto:mogilvie@ou.edu). Web site: <http://libraries.ou.edu/etc/histsci/mellon.asp>.

### Grants in Aid for History of Modern Physics

The Center for History of Physics of the American Institute of Physics has a program of grants-in-aid for research in the history of modern physics and allied sciences and their social interactions. Grants can be up to \$2,000 (for reimbursement of expenses for travel and subsistence to use the resources of the Center's Niels Bohr Library in College Park, Maryland, or expenses to tape-record oral history interviews or microfilm archival materials). Apply to: Spencer Weart, Center for History of Physics, American Institute of Physics, One Physics Ellipse, College Park, MD 20740. E-mail: [sweart@aip.org](mailto:sweart@aip.org). Phone: (301) 209-3174. Fax: (301) 209-0882. Deadlines: 15 April, 15 November. <http://www.aip.org/history/>.

### INA Grant-in-Aid Program

The International Neuropsychopharmacology Archives (INA) announces the availability of grants of up to \$1,500 to support research at the INA at the Vanderbilt University Medical Center Archives, Nashville, Tennessee, U.S. Grants will be given four times a year. Deadlines are: 1 March, 1 June, 1 September, 1 December. Completed applications should be sent by the deadline to: INA Grant-in-Aid Program, c/o CINP Central. Office, 1608 17th Avenue South, Nashville, TN, 37212, U.S.

### Residencies at the Institute for Advanced Study

The School of Social Science at the Institute for Advanced Study in Princeton, NJ, welcomes applications in economics, political science, law, psychology, sociology and anthropology. For 2007-2008 the focus will be The Rule of Law Under Pressure. Deadline is 15 November, 2006. For more information: <http://www.sss.ias.edu/applications>.

### The BSHS Singer Prize 2006

The Singer Prize, of up to £300, is awarded by the BSHS every two years to the writer of an unpublished essay based in original research into any aspect of the history of science, technology or medicine. The Prize is intended for younger scholars or recent entrants into the profession. Essays on offer or in press will not be eligible. Deadline: 15 December 2006. Enquiries: [secretary@bshs.org.U.K](mailto:secretary@bshs.org.U.K). Visit: <http://www.bshs.org.U.K>.

### 2007 Jerry Stannard Memorial Award

The \$1,000 award is given by the University of Kansas for an outstanding published or unpublished scholarly study in the pre-1700 fields 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. Manuscripts must be in English, French or German, and should include a one-page abstract in English, a current c.v., and a letter of recommendation from an established scholar in the field. Deadline: 15 February 2007. Address manuscripts and correspondence to: The Stannard Award Committee, Attn: Prof. Victor Bailey, Dept. 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://hsonline.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@hsonline.org](mailto:newsletter@hsonline.org).

The Department of Classics at **Brown University** announces an open-rank search for a historian of the exact sciences in antiquity. Deadline: 10 November 2006. For more information, contact Mary Louise Gill: e-mail: [Mary\\_Louise\\_Gill@brown.edu](mailto:Mary_Louise_Gill@brown.edu). (See advertisement page 9.)

**The University of Minnesota** Program in History of Science and Technology, Twin Cities campus, invites applications for a one-year, temporary Assistant Professor position beginning September 2007. Deadline: 22 November 2006. For additional information, see: <http://employment.umn.edu/applicants/Central?quickFind=52992>.

**Michigan State University** invites applications for a full-time, tenure-track position as an Assistant Professor beginning fall 2007 in the Lyman Briggs School of Science and the Department of History. Deadline: 15 November 2006. For more information, contact Prof. Kristie Macrakis: e-mail: [macrakis@msu.edu](mailto:macrakis@msu.edu).

**Columbia College Chicago** invites applications for the position of Dean of the School of Liberal Arts and Sciences. Review of applications will begin in Fall 2006. For more information, contact Richard D. Sbarbaro: e-mail: [sbarbs@aol.com](mailto:sbarbs@aol.com).

The Department of Science, Technology, and Society in the School of Engineering and Applied Science at the **University of Virginia** seeks an Assistant Professor in science, technology and society studies and/or technology policy. Review of applications will begin 30 September 2006 and continue until the position is filled. Send c.v., three letters of reference, teaching evaluations, and samples of written work to: Professor W. Bernard Carlson, Department of STS, SEAS, University of Virginia, P.O. Box 400744, Charlottesville, VA 22904-4744.

The Women's Studies Program at the **University of Alberta** invites applications for a full-time tenure-track positions at the rank of Assistant Professor commencing 1 July 2007. Research focus: North American feminist activism; transnational and international feminist activism; gender and peace and conflict studies; feminism and science/technology. Deadline: 20 October 2006. <http://www.uofaweb.ualberta.ca/womensstudies/index.cfm>.

**The University of Vienna** seeks a professor in history and philosophy of science. Deadline: 20 October 2006. Written applications quoting reference number 2006/13 Fak including a c.v., list of publications, description of previous relevant activities, statement of previously conducted courses, and a teaching and research concept should be submitted to: Office for Human Resources and Advancement of Women at the University of Vienna, Dr.-Karl-Lueger-Ring 1, 1010 Vienna, Austria.

The Department of History at **Case Western Reserve University** invites applications for a tenured or tenure-track appointment, rank open, in the field of history of science, technology, environment, or medicine, beginning 1 July 2007. For more information, contact Marissa Ross: e-mail: [mar14@case.edu](mailto:mar14@case.edu).

**The University of California at Berkeley** offers a tenure-track, nine-month career position in the Department of Environmental Science, Policy, and Management, Division of Society and Environment, and the Agricultural Experiment Station, beginning 1 July 2007. Applications must be electronically dated or postmarked by 15 October 2006. Electronic submissions preferred; send pdf files to: [STESearch@nature.Berkeley.edu](mailto:STESearch@nature.Berkeley.edu).

**James Madison College of Michigan State University** seeks an assistant professor for a tenure-stream position in political theory and science and technology policy, beginning August 2007. Deadline: 15 October 2006. Send c.v., transcript, three confidential letters of recommendation, and a sample of scholarship to: Political Theory and Science/Technology Policy Search, James Madison College, Michigan State University, East Lansing, MI 48825-1205.

The Department of History at the **University of California, San Diego**, seeks an assistant professor (tenure-track) in the history of the life sciences and/or medicine, beginning 1 July 2007. Review of applications will begin 1 October 2006 and continue until the position is filled. Send a c.v., placement file, and/or three letters of reference to: Chair, History of Science Search Committee, Department of History, 0104 HS, University of California-San Diego, 9500 Gilman Drive, La Jolla, CA 92093-0104.

**The University of Oklahoma** seeks an assistant professor (tenure-track) in the Department of the History of Science. Starting date 16 August 2007. Scholarship should address the history of science, technology or medicine in any period from antiquity to 1800 in any national or regional context. Review will begin 16 October and continue until the position is filled. Send c.v., a writing sample, and the names of three individuals writing recommendation letters to: Steven J. Livesey, Search Committee Chair, Department of the History of Science, University of Oklahoma, 601 Elm, Room 625, Norman, OK 73019-3106. Tel.: 405-325-2213; Fax: 405-325-2363; email: [slivesey@ou.edu](mailto:slivesey@ou.edu); <http://www.ou.edu/cas/hsci/>.

**The University of Oklahoma** seeks an assistant professor (tenure-track) or associate professor (tenured) in the Department of the History of Science. Starting date is 16 August 2007. Scholarship should address the modern history of science, technology or medicine outside North America. Review will begin 16 October and continue until the position is filled. Send c.v., a writing sample, and the names of three individuals writing recommendation letters to Katherine Pandora, Search Committee Chair, Department of the History of Science, University of Oklahoma, 601 Elm, Room 625, Norman, OK 73019-3106. Tel. 405-325-3427; Fax: 405-325-2363; email: [kpandora@ou.edu](mailto:kpandora@ou.edu); <http://www.ou.edu/cas/hsci/>.

**The Bard Graduate Center** announces a post-doctoral fellowship for the academic



Polytechnic University invites nominations and applications for the position of the **Dibner Chair in History of Technology and Science**, with an accompanying faculty position as Full Professor in the Department of Humanities and Social Sciences ([www.poly.edu/humanities](http://www.poly.edu/humanities)), and appointment as an Othmer Faculty Affiliate of the Othmer Institute for Interdisciplinary Studies. A secondary appointment in a related field is possible, depending on the background of the individual selected. Qualified candidates will be scholars of international repute with a distinguished record of published research in the area of History of technology and science, commensurate with the stature of this position.

Applicants should: (1) possess the motivation and skill required to develop curricula to raise the education of 21st century students of technology and science; (2) have an accomplished research background in history of technology and science; (3) have excellent oral and written teaching and mentoring; (4) demonstrate a record of collaborative and interdisciplinary scholarly work; and (5) possess outstanding intellectual leadership. The successful applicant will have an demonstrated ability to work as an academic in a dynamic environment and a readiness to be an outstanding teacher, collegially, team player, communicator and a service orientation.

Polytechnic University is the second-oldest private engineering institution in the U.S. and is located in downtown Brooklyn - a burgeoning hub of innovative research and education for all of metropolitan New York. Polytechnic is an Affirmative Action/Equal Opportunity Employer with a strong commitment to the advancement of diversity among its faculty and staff. Review of applications will begin immediately and continue until position is filled.

Applicants should submit: (1) letter outlining background and interest in teaching, research, administrative and professional service; (2) a CV; and (3) names and addresses of five professional references. Materials and inquiries may be submitted to [hrresumes@poly.edu](mailto:hrresumes@poly.edu) or Polytechnic University, 6 Metrotech Center, Jacob 259, Brooklyn, NY 11201.

year 2007-08. Send cover letter, proposal and names of three references by 15 November 2006 to: Chair Fellowship Search Committee, Bard Graduate Center, 18 W. 86th St., New York, NY 10024. Or, e-mail to fellowshipsearch@bgc.bard.edu.

**The Pembroke Center at Brown University** announces three residential postdoctoral fellowships for 2007-08. Fellows participate in a weekly research seminar and pursue individual research. The 2007-08 research topic is "The Question of Identity in Psychoanalysis." The term of appointment is 1 September 2007-31 May 2008. For application forms, e-mail: Donna\_Goodnow@brown.edu.

**The Center for Society and Genetics at UCLA** seeks a co-director. Application review will begin 1 January 2007. Send letter of application, c.v., statement of research and teaching interests, names of referees, and samples of scholarship to: Chair, CSG Co-Director Search Committee, UCLA Center for Society and Genetics, Box 957221, 1323 Rolfe Hall, Los Angeles, CA 90095-7221, Posting #: 3022-0608-01. Further information, contact Norton Wise: e-mail: nortonw@history.ucla.edu.

The Lewis Department of Humanities at **Illinois Institute of Technology** seeks an historian of science and technology at the level of assistant professor (tenure track), beginning August 2007. Research and teaching areas of particular interest include interactions among science, engineering, technology, and the wider society; and public understanding of technology and science. Send letter of interest, c.v., three letters of recommendation, and a writing sample to: Warren Schmaus, Chair; History Search Committee; Lewis Department of Humanities; Illinois Institute of Technology; 3301 S Dearborn, Chicago, IL 60616. Review will begin 15 October and continue until the position is filled. Further information: <http://www.iit.edu/departments/humanities>, or contact Warren Schmaus: e-mail: schmaus@iit.edu.

(JOBS CONTINUED ON PAGE 24)

## Department of History and Philosophy of Science University of Pittsburgh

University of Pittsburgh, Pittsburgh, PA. Tenured/tenure stream faculty position in the Department of History and Philosophy of Science, pending budgetary approval.

**Area of Specialization:** History and philosophy of science and related areas that naturally complement departmental strengths.

**Rank:** Open; although we are especially interested in distinguished faculty at the full professor level.

**Responsibilities:** Undergraduate and graduate teaching; regular departmental duties.

Applicants must submit the following materials, which will not be returned: curriculum vitae, at least three confidential letters or reference, or, for senior candidates, names of three referees we may contact; evidence of teaching ability; and samples of recent writing. The department regrets that it cannot solicit missing materials from applicants, or return any materials.

Please direct all inquiries and application materials regarding this position to:

The Appointment Committee  
Department of History and Philosophy of Science  
1017 Cathedral of Learning, University of Pittsburgh  
Pittsburgh, PA 15260

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Women and members of minority groups under-represented in academia are especially encouraged to apply.

Deadline for Applications: Review of complete applications will begin on December 1, 2006 and will continue until the position is filled.

## History of Medicine and Greenwall Fellowship in Bioethics and Health Policy Johns Hopkins University

The History of Medicine Department at Johns Hopkins University and the Greenwall Fellowship Program in Bioethics and Health Policy at Johns Hopkins University and Georgetown University are jointly offering a three-year post-doctoral fellowship position beginning in September, 2007. We are seeking a historian with research interests that link history with ethical issues in medicine, science, and/or health policy. The position includes an individualized academic program, supervised research, teaching, and a summer internship in a health policy setting. Applicants must be fluent in English. Please send a CV, three letters of reference, copies of undergraduate/graduate transcripts, a writing sample, and a personal statement describing your interest in and plans for the fellowship to:

Dr. Ruth Faden,  
History of Medicine and Greenwall Fellowship  
c/o Bioethics Institute, Johns Hopkins University  
100 North Charles St., Suite 740  
Baltimore, MD 21201

The deadline for applications is January 1, 2007. For more information, visit <http://histmed.jhmi.edu> and <http://www.hopkinsmedicine.org/bioethics/Academics/Greenwall/greenwall.html>

## Brown University The Department of Classics

The Department of Classics at Brown University has been authorized to announce an open-rank search for a historian of the exact sciences in antiquity. We seek candidates with a primary focus on one, and ideally on at least two, ancient civilization(s) and who possess scholarly and teaching interests in multiple aspects of those civilizations, such as (but not limited to) ancient astronomy, the physical and mathematical sciences, and the transmission of scientific texts. We anticipate that the successful candidate will establish connections with others at Brown interested in the history of science and in the ancient world. Though the Department of Classics is conducting this search, a focus on Greco-Roman antiquity is not a requirement, and a successful candidate who works primarily in another field or fields will be appointed to the Department most closely aligned with his/her interests. Prerequisites for consideration include evidence of scholarly distinction and excellence in teaching, commensurate with rank.

Junior candidates must have the Ph.D. in hand by July 1, 2007 and should submit a letter of application, a curriculum vitae, three letters of recommendation, and a sample of scholarly writing. Candidates above the junior level should submit a letter of application and a curriculum vitae, including the names and contact information of at least four references.

Applications should be sent, preferably by November 10, 2006, to:

Chair of Exact Sciences Search Committee  
Department of Classics, Brown University,  
Providence, RI 02912, USA.

Review of applications will begin immediately and continue until the position is filled or closed. Preliminary interviews will be held, when feasible, at the American Philological Association annual meeting in San Diego (January 5-8, 2007) and/or the American Philosophical Association meeting in Washington, D.C. (December 27-30, 2006).

Inquiries may be directed to [Mary\\_Louise\\_Gill@brown.edu](mailto:Mary_Louise_Gill@brown.edu). Brown University is committed to diversity in its faculty and encourages applications from qualified women and under-represented minority candidates.

# Physics Reaching Out

## Spencer Weart – Online at the American Institute of Physics

WORKSPACE

Death and a dearth of records caused the creation of a physics history center in 1965. “Einstein had died; Schrödinger had died. Some of the physicists recognized that the older people were dying off and no one had recorded their memories,” says Spencer Weart, Director of the Center for History of Physics at the American Institute of Physics (AIP).

As a result, the Archives for the History of Quantum Physics project, interviewed Niels Bohr just before his death, followed by interviews with Werner Heisenberg, Paul Dirac, J. Robert Oppenheimer and many others. In the course of these conversations, the realization dawned that an even more valuable resource was the physicists’ correspondence – and nothing had been done to preserve these (Enrico Fermi’s papers were the only ones deposited in an archive at that time). The three-year project metamorphosed into a permanent program funded by the AIP, with a mission to preserve and make known materials related to the history of physics and allied sciences like astronomy and geophysics. “We deal with nineteenth- and twentieth-century science,” says Weart. “Earlier material is either preserved or it isn’t – it’s too late to do anything about it.”

Joe Anderson, who heads the AIP History Center’s Niels Bohr Library and archives, tracks down the papers of retiring or recently deceased physicists, sometimes as far as their local dumpster. Few of these papers end up at the Center, says Weart. “We try to be honest brokers and ensure that papers go to the most appropriate repository.” The Center does catalog everything it finds, no matter the final destination, and the information is available on the center’s Web site. “We rely on our friends to give us information,” says Weart, “to point us to archives and people – and to give us money. Bequests and donations of cash or books are very significant to us.”

The Center offers its collected knowledge to the wider world. Web exhibits on such popular figures as Einstein and Marie Curie receive millions of visits a year, especially at times when students are writing term papers. Along with students, scientists are frequent visitors. Not all are in search of facts; one recent visitor gave an occupation of “mentally ill” and the visit’s purpose as “amusement.” Weart, who replaced the Center’s pioneer director Charles Wiener back in 1971, says that since then the Internet has short-circuited the Center’s traditional three-step model of saving archival knowledge to be used by professional scholars for works that would be repackaged by popular writers and teachers for a general audience. The Internet is a more powerful tool, which Weart believes historians underuse. With a little sophistication in search engine placement and design (such as breaking up long essays into sections, since engines search only the first ten or so pages), a much wider audience can be reached. “I have on the Internet a detailed study of ‘The Discovery of Global Warming’ [<http://www.aip.org/history/climate>] that gets from several hundred to a thousand visits a day. What scholarly tome is picked up by a thousand people a day?” says Weart. While acknowledging that most people search for specific information, or simply browse, he adds that user feedback and usage-tracking software show some people read the entire 250,000-word “book.”

Another Internet advantage is the ease of correcting and updating information. For example, new information about Einstein’s love life means some changes in the Web exhibit. “It’s now public that Einstein was a randy dog – we don’t have to be shy on our side.”

Feedback from the center’s Web site backs up Weart’s belief that people use the history of science (like most history) largely to understand current concerns. “They visit not because they have a specific interest in history, but in how sure are scientists of global warming, or why do physicists build nuclear weapons, or



Photo courtesy Spencer Weart

Spencer Weart

what the devil does the uncertainty principle really mean.” Questions like these, Weart says, have brought historians of physics to engage with the world increasingly since the end of World War II. New biographies of Oppenheimer and other Manhattan Project subjects show that interest is keener than ever. “These long debates about should we have dropped the bomb on Hiroshima, people don’t care so much about that,” says Weart. “They’re asking, ‘Is it moral to drop the bomb on Iran?’ History is a way of disengaging yourself from current prejudices and drives and examining an issue in the abstract.”

History of physics is flourishing as a discipline, says Weart, who has a Ph.D. in physics and astrophysics from the University of Colorado, Boulder. “Lots of bright people, lots of books coming up, and more articles being written than ever.” But that reflects the scholastic side; there are few good places to publish articles for the public, and professional historians of science have written few books that have reached a wide audience. On the plus side, the balance sheet does show an “increase in Web access and public television shows, and even in movies and plays, with increasing sophistication – a good example being Michael Frayn’s play *Copenhagen*.”

A greater focus by historians on observation, experimentation and instrumentation, rather than only theory and philosophy, reflects recent changes in the field, Weart says. Unfortunately, not enough historians understand physics deeply. Fortunately for the discipline, the cultural wars over the social construction of reality, which centered on the history of physics, have died down, to Weart’s relief. “People have been able to get back to their business rather than the metahistorical, which doesn’t take you anywhere, ultimately.”

The physics and astronomy community was the first to establish a history center, and this community remains unusually historically aware, says Weart, especially when it comes to preserving archives and papers. As for individual scientists, adds Weart, “some are completely unaware of history, some are fascinated by it in general, and some are concerned with their own positions in memory.”

“A fair amount of ego is involved. Scientists have fine brains and could earn a lot of money doing something else. But they are more interested in their contribution to posterity. History is relevant to them and they can become quite personally engaged in it.”

– By Michal Meyer

*Editor’s Note: Dr. Weart will deliver the 2006 distinguished lecture for the Forum for the History of Science in America at the Vancouver meeting.*

**Martha Heil, the AIP's Senior editor and strategic planner, speaks about spreading physics (and science) to the public.**

*What does the AIP media section do?*

We help make the media's job easier. My specialization is communicating to an audience that doesn't necessarily know about physics. I work on reaching journalists who write the entertainment pages, for example, and have never taken a science course since high school. In partnership with the NSF and other scientific groups we produce *Discoveries and Breakthroughs Inside Science*, a syndicated news feed introduced in 2000 with ninety-second clips about science intended for the real general public – local TV news watchers. *Inside Science News Service* is about science you can use in daily life. AIP also produces *Physics News Update* on the latest research and *FYI*, a newsletter that reports on developments in science policy.

*Why does an organization dedicated to physics see the need for communicating to non-physicists?*

Our thought is that science is relevant in everyone's lives.

We've had *Physics News Update* for the past twenty-five years, aimed at an audience that knows physics, but there's the need to reach out to other people who don't report on science. There are few science reporters, and the numbers are dwindling. Around the tech boom a lot of magazines got energized about science; now advertising space is shrinking and they're looking at the value of their science pages. But we see that people are still interested.

*How do you get science to the public?*

There are many angles. For instance, avian flu and research on networks – inoculating one tenth of a network can stop transmission of the virus, whether human or computer viruses. We look for where science can fit into the daily news. For food writers who might want to know about new packaging for wines, we could supply the science. We write at a level that's accessible to the average reporter, keeping in mind their needs, such as pictures, deadlines, etc.

*Why have a TV program?*

According to NSF studies, forty-four percent of people rely

on local news for their science and technology information. They don't use other resources like the Web, cable shows or even public broadcasting, and don't normally get reliable science coverage. This is a giant opportunity; this is where the voters and taxpayers are.

A lot of people are casually interested in science and will watch ninety seconds on that, though they won't watch Discovery Channel. We look at whatever everyone considers of interest; we cover topics such as how body armor is improved by exploiting the physical properties of some types of liquids and how the current La Nina cycle can help us understand this year's hurricane season.

*How do you measure success?*

For the television program, we know by how many contracts we get with local news stations— currently we have thirty seven that subscribe to the news feed. As for other news products, we go by subscribers and results. We have 4,000 subscribers to *Physics News Update*. If one of our research items is picked up by the *New York Times*, that's how we measure success.

## Photo Essay



### Heisenberg and Bohr By Spencer Weart

Niels Bohr and Werner Heisenberg engaged in a long and intimate collaboration throughout the 1930s, creating the quantum physics that has radically transformed philosophy and daily life. Michael Frayn's recent play *Copenhagen* is bringing this extraordinary chapter in the history of physics to a wide audience, showing with laudable accuracy and artistry the collaboration's deep friendship, intellectual rivalry, and final collapse. As a side-effect of the play's popularity, the Center for History of Physics at the American Institute of Physics has received dozens of requests for copies of one or both of the photographs shown here. These images illuminate, in a compact and moving fashion, the collaboration of the two great physicists at its peak.

The photographs were taken in 1934 by a teenage boy, Paul Ehrenfest, Jr., son of the noted physicist Ehrenfest senior. Copies wound up in the hands of Victor Weisskopf, another of the outstanding scientists who passed through Bohr's institute in Copenhagen. Weisskopf eventually donated his photograph collection to the Center for History of Physics. Ehrenfest's snapshots are now included in the selection of images (about one-third of AIP's holdings) available online in the Center's Emilio Segre Visual Archives at <http://www.aip.org/history/esva>.

In these images we stand as silent visitors in the lunchroom of Bohr's institute. Note the Carlsberg beer bottles: Bohr and his group were partly supported by a bequest from the founder of the brewery. The world-famous teacher and his greatest student are eating, drinking, laughing and – as usual – vigorously arguing.

Somebody, presumably Weisskopf or Ehrenfest junior, wrote on the back of the photo that shows Bohr speaking: "Ja, ja, Heisenberg, aber—" ("Yes, yes, Heisenberg, but—").

# Sounds of the City

## Emily Thompson and *The Soundscape of Modernity*

WORKSPACE

For historian Emily Thompson, there is more to modernity than meets the eye. The sounds of America – from the concussion of drills to the melodies of Radio City Music Hall – tell a story to those trained to listen. It's a story of the age of the machine and of the changing nature of American life. "I'm adding an aural or sonic dimension to the machine age," Thompson says, "a new sound world accompanying the new visual world."

And others have listened as Thompson chronicled the noise of history in the first third of the twentieth century through her book, *The Soundscape of Modernity*. Last year, the University of California historian was awarded a \$500,000 MacArthur Grant.

The telephone's insistent call began the moment the award was announced. "What were you doing when they called?" all the journalists asked. "What will you do with the money?" they wanted to know. Thompson plans to spend the cash, mainly on academically worthwhile adventures: research trips, saving old film currently decaying in motion picture archives, writing, and finding a place to live. "With the cost of real estate in California," she says, "it will help me upgrade from a unit to a hovel."

Another question asked by every journalist: "What was your childhood like?" She played the flute, she says. Always interested in architecture as well as music, Thompson worked in sound engineering and radio production. After her undergraduate degree, she planned on a job as an acoustical consultant, designing concert halls. "It was a way to bring together music, science, and architecture. It didn't happen. I got a job doing electrical engineering."

A year working at Bell Labs in New Jersey left Thompson unfulfilled and looking for other interests. "I was playing hooky from my integrated circuits one afternoon, poking around in library stacks, and found a copy of *Isis*. The history of science sounded interesting to me, a bridge from my technical background to the humanities, a way to continue my education and take my interest in sound with me." From the very beginning of graduate school, Thompson planned to write about acoustics and architecture.

The science of acoustics in America began with an echoing lecture hall at Harvard University. Reverberations frayed the words of speakers, so in 1895 Harvard's president asked physics professor Wallace Sabine to find the problem and fix it. Along with an organ pipe and seat cushions as mufflers, Sabine became a late-night fixture on campus as he measured loudness and reverberation at various spots, using his ears as his only measuring instrument. Two years later, the president asked for a progress report. Sabine responded that he needed more time, several years, in fact; but the president put his foot down and so Sabine came up with a solution. He produced a graph that plotted the number of seat cushions versus the time it took echoes to die away, deriving an equation used by

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The Italian painter turned musician Luigi Russolo built an assortment of instruments he named howlers, roarers, cracklers, hissers, and whistlers, all in an attempt to create a vital new music for the new world.... The crowd, writes Thompson, broke into a violent uproar. The music continued as the Futurists hurled themselves into the audience and attempted to beat musical sense into the ears of the listeners. All in all, eleven people ended up in hospital, none of them Futurists.

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Emily Thompson photo courtesy of Michal Meyer

scientists until the Thirties.

Thompson's work does speak to scientists in the field. Her book not only won a Society for the History of Technology book prize in 2005, it was also recognized by the Acoustical Society of America. Though gratified by their interest, she says she is not so much writing for the scientists whose history she tells, but rather for a general audience. Thompson turns what would otherwise be a dry history of applied physics into a living story by focusing on the people. "You take a huge step towards that goal simply by writing well, by paying attention to the quality of the writing and by paying attention to the narrative, told as much as possible through people's lives."

Thompson uses her protagonists, such as Sabine and music composers of the Twenties, to move the story forward. Much of her research included primary source texts such as city reports on noise pollution and scientific papers of the time. "To make the story work more successfully as a book I had to read through the paper to the people who created it." This approach, combined with an attention to the technical details as part of the larger story, allows both a scientific and a general audience to enjoy the book.

Attuning her ear to the project was simple. Thompson stuck her head out the window and listened to the sounds of the city. The sounds of the city became the core of the book – the problems of urban noise, the din of the machine age and how people responded to that. Most wanted to muffle

the noise, but some, such as American jazz musicians and Italian Futurists, found inspiration in the clang and crack of the cityscape. "Urban noise provided sonic material for them," says Thompson.

The Italian painter turned musician Luigi Russolo built an assortment of instruments he named howlers, roarers, cracklers, hissers, and whistlers, all in an attempt to create a vital new music for the new world. Results were mixed. While supported by his fellow Futurists, his first concert, held in Milan in 1914, appalled listeners. The crowd, writes Thompson, broke into a violent uproar. The music continued as the Futurists hurled themselves into the audience and attempted to beat musical sense into the ears of the listeners. All in all, eleven people ended up in hospital, none of them Futurists.

In America, such concerts were less violent, though equally disturbing. But the new age birthed another form of music: Jazz. Jazz also forced listeners to redefine the meaning of music, says Thompson. Such pieces as *Harlem Symphony* and Duke Ellington's *Harlem Air Shaft*, include tributes to the sound of subways and nightclubs. The sound of a police siren closes Fats Waller's *The Joint is Jumpin*. It was a music of life, a life lived in the city cheek to jowl with people and machines and their noises and smells.

The close quarters of the city, and the constant building of the city in the Roaring Twenties, changed the nature of sound, says Thompson. Raucous and loud, the sounds of the time came under increasing scrutiny. New York began to map and measure noise levels with Noise Measuring Trucks filled with equipment and Bell Lab technicians. Scientists created the decibel as a measure of loudness and technicians roamed the city's streets and alleys measuring the intensity and worth of sounds: jangly noise was unhealthy, quietness healthy. Noise limits were placed around hospitals and schools in many cities. Baltimore even went so far as to create an Anti-Noise Policeman. Thompson writes that the officer dealt with squeaky-wheeled trolleys, streetcar bell ringers, roosters, cats, newsboys, and even a baker noisily unloading his bread from a wagon. The Anti-Noise Policeman quieted them all.

Attempts to hush a city's noise failed, says Thompson, and frustrated noise reducers turned their efforts indoors and to new technologies. Acoustic tiles, noise-eliminating fabrics, hushed tones, and light, air and temperature controls of the modern office succeeded in the Twenties and Thirties in quieting the roar outside. Noise, like an ill-mannered dog, was escorted out of the modern office and chained to the street.

Thompson found more than just jazz and quieted offices while working on her book; she discovered a like-minded community. The place of sound in cul-

ture had grown into a field of study over the past ten years, and individuals working on the sounds of slavery in the south or the sounds of religion and architecture found each other as they published their books. "I feel I've been

part of a little zeitgeist," says Thompson, of this group of less than a dozen that includes historians, sociologists, and ethnomusicologists.

Vision has a place for the sound historian, as long as it's historical. Pictures and illustrations fill the pages of Thompson's book; the cover is a 1926 painting by Vassily Kadinsky called *Three Sounds*, a painting loved by Thompson since her college days.

Some of the MacArthur money will go towards film preservation. Thompson wants to identify endangered films relevant to her current project, on the transition from silent to sound motion pictures, to save them for herself and for future historians. "A lot of these movies exist in archives, but the film itself is chemically unstable and sits there and decomposes no matter how carefully you store it." While some film 100 years old is in perfect condition, in others the nitrate destabilizes and emits toxic gases.

Even worse, says Thompson, film that goes bad infects stable reels and must be quarantined.

At one point Hollywood took an interest in Thompson's sound studies. The Academy of Motion Picture Arts and Sciences gave her a fellowship and time to work on her project, which included a fire that destroyed a Harlem soundstage in 1929. Ten people died in the fire and a number of studio executives faced manslaughter charges. It all ended with municipal scandals and a mayoral resignation. Thompson tracked down some descendants of the indicted men, one of whom is a Hollywood director. "He'd never heard much about it as a child. He was Mr. Hollywood, he was calling me honey and baby, and he said, 'Baby we have to make a movie out of this.' Nobody ever said

that to me before."

Thompson's book concludes in the early Thirties. By then sound engineers had perfected ways of banishing echoes from music halls, sound stages, and even churches. Gone were connections between sound and space: churches lost their ringing grandeur and concert halls produced a sound too clinical for twenty-first century ears. Science and the machine age combined to produce a sound as technologically pure as engineers could make it. Says Thompson: "The early 20<sup>th</sup> century in the United States feels like a period of tremendous changes – cultural change and technical change – and I find it endlessly fascinating. This is my era and I'm sticking with it."

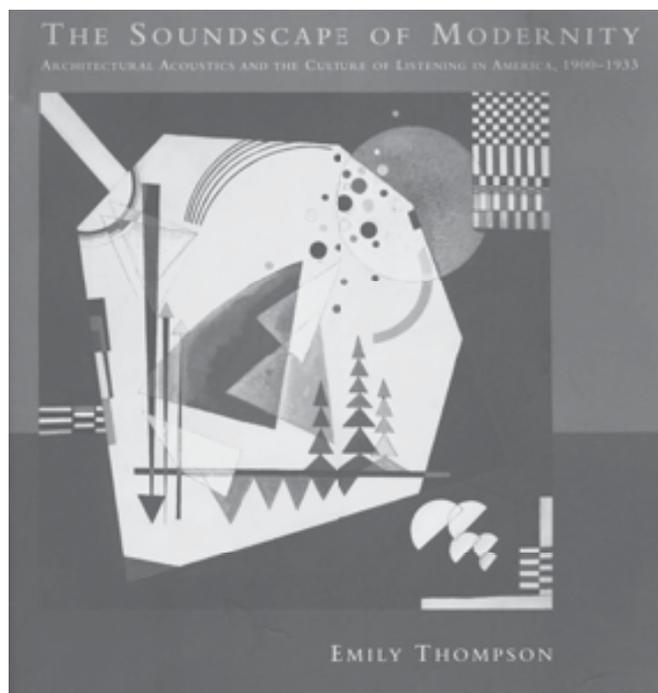


– by Michal Meyer

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The close quarters of the city, and the constant building of the city in the Roaring Twenties changed the nature of sound, says Thompson. Raucous and loud, individuals and the city tried hard to control the sounds of the times. New York began to map and measure noise levels with Noise Measuring Trucks filled with equipment and Bell Lab technicians. Scientists created the decibel as a measure of loudness and technicians roamed the city's streets and alleys measuring the intensity and worth of sounds.

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# Future Meetings

## Calls for Papers

**BSHS Postgraduate Conference.** 4-6 January 2007 at Durham University. Deadline: 8 November 2006. Please send a brief abstract (not more than 350 words) to [bshs.pg2007@durham.ac.uk](mailto:bshs.pg2007@durham.ac.uk). Or write to: BSHS Postgraduate Conference 2007, Durham University, Philosophy Department, 50 Old Elvet, Durham, DH1 3HN, United Kingdom. <http://www.dur.ac.uk/bshs.pg2007/bshspg2007.html>.

**Gender & Technology Plenary Session.** To be held 14-17 February 2007 at the Hyatt Regency, Albuquerque, New Mexico. Inquiries and/or abstracts of 250 words may be sent to Brian Still at [brian.still@ttu.edu](mailto:brian.still@ttu.edu) no later than 1 December 2006. English Department, Texas Tech University, PO Box 43091, Lubbock, TX 79409. E-mail: [brian.still@ttu.edu](mailto:brian.still@ttu.edu).

**Technological Innovation and the Cold War.** To be held 9-10 March 2007 at the Hagley Museum and Library, Wilmington, Delaware. Proposals should be no more than 500 words and accompanied by a short c.v. Deadline: 30 October. Send proposals to Carol Lockman, Hagley Museum and Library, P.O. Box 3630, Wilmington DE 19807. Tel: 302.658.2400, ext. 243. fax: 302.655.3188. E-mail: [clockman@Hagley.org](mailto:clockman@Hagley.org).

**Perspectives on Mathematical Practices.** To be held 26-28 March 2007, at Vrije Universiteit Brussel, Belgium. Deadline for abstracts: 15 November 2006. <http://www.vub.ac.be/CLWF/PMP2007/PMP2007.pdf>.

**Forum on History of Physics.** To be held 5-9 March 2007, Denver CO, and 14-17 April 2007, Jacksonville FL. Registration and abstract entry for March will be available until late November at <http://www.aps.org/meet/MAR07/>. Registration and abstract entry for April will be available from early November to early January at <http://www.aps.org/meet/APR07/>.

**Rethinking Health, Culture and Society--Physician-Scholars in the Social Sciences and Medical Humanities.** To be held 21-22 April 2007, University of Chicago. Schedule information, abstract submission guidelines and online registration will also be available (as the date of the conference approaches) at: <http://www.med.uiuc.edu/SSMHConf>.

**Cheiron and ESHHS First Joint Meeting.** To be held 25-29 June 2007 at University College, Dublin, Ireland. Submissions must be received by 11 January 2007, and must be sent electronically. <http://psychology.dur.ac.uk/eshhs/>.

**ICOHTEC Symposium 2007. The International Committee for the History of Technology** will hold their symposium 14-18 August 2007 in Copenhagen, Denmark. Deadline for proposals is 15 January 2007. <http://www.icohtec2007.dk>.

**European Association for the History of Medicine and Health: Environment, Health and History.** To be held in London, 12-15 September 2007. Submissions to Ingrid James by 17 November 2006; [ingrid.james@lshtm.ac.uk](mailto:ingrid.james@lshtm.ac.uk). <http://www.lshtm.ac.uk/history>.

**Les Mots et les Choses au XVIIIe siècle: La Science.** To be held 21-22 September 2007 in Lyon, France. Send proposals to Denis Reynaud, Université Lyon 2 / 18, quai Claude Bernard 69365 LYON cedex 07. e-mail: [denis.reynaud@univ-lyon2.fr](mailto:denis.reynaud@univ-lyon2.fr). Deadline: 31 December 2006.

## Upcoming Conferences

**Conference of the International EcoHealth Association.** To be held 7-10 October 2006, University of Wisconsin-Madison. <http://www.ecohealth.net/Conference/site/>.

**SHOT 2006** to be held in Las Vegas, Nevada, 12-16 October 2006; [http://www.shot.jhu.edu/Annual\\_Meeting/Annual\\_Meeting\\_Main\\_Page.htm](http://www.shot.jhu.edu/Annual_Meeting/Annual_Meeting_Main_Page.htm).

**Health Humanities Conference.** To be held 13-15 October 2006 in Vancouver. <http://www.healthhum.arts.ubc.ca/>.

**The Search for the Healthy City: A Medical History and Public Health.** To be held in Tuscany, Italy 15-22 October 2006. <http://www.utmem.edu/gim/tuscan-%20affairs.php>.

**Technology, Environment and Work.** Wayne State University, 19-21 October 2006. Contact Professor Janine Lanza, e-mail: [aol605@wayne.edu](mailto:aol605@wayne.edu).

**On Responsibility in the Human Sciences.** Chicago, 20-21 October 2006. Organized by the University of Chicago and the Max Planck Institute for the History of Science.

**Geological Society of America Convention.** Philadelphia, PA, 22-25 October 2006. <http://www.geosociety.org/meetings/2006/index.htm>.

**Benjamin Franklin's World 1706-2006.** Milan (23 October 2006) and Rome (24 October 2006). Contact Marco Sioli at [marco.sioili@unimi.it](mailto:marco.sioili@unimi.it) or Daniele Fiorentino at [daniele.fiorentino@luis.it](mailto:daniele.fiorentino@luis.it).

**Conference on African Science.** 24 October 2006. <http://www.h-net.org/announce/show.cgi?ID=148714>.

**First Annual Conference of the Bulgarian Society for the Chemistry Education and History/Philosophy of Chemistry.** To be held in Varna, 26-28 October 2006. <http://khimiya.org>.

**From Adobe Bricks to Adobe Bytes: Historical Transformations in California.** To be held 26-28 October

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

2006 in San Jose, CA.

**Negotiating the Sacred III.** 2-3 November 2006. Canberra, Australia. <http://www.anu.edu.au/culture/Sacred%20in%20Medicine/index.php>.

**BSHM 2006. Health and Medicine in History: East-West Exchange.** 2-4 November, 2006, Jawaharlal Nehru University, New Delhi. Contact D. Kumar at [ashm2006@rediffmail.com](mailto:ashm2006@rediffmail.com).

**History of Science Society.** Joint meeting with PSA and 4S, 2-5 November 2006. Vancouver, B.C., Canada; <http://hssonline.org>.

**2006 PSA Biennial Meeting.** Joint meeting with HSS will be held 2-5 November 2006 in Vancouver, British Columbia; <http://philsci.org/PSA06/>.

**4S Conference.** 2-5 November 2006, Vancouver. <http://www.4sconference.org/>.

**Food Chains: Provisioning, Technology, and Science.** 3-4 November 2006. Contact Carol Lockman: [clockman@Hagley.org](mailto:clockman@Hagley.org).

**Inventing America: The Interplay of Technology and Democracy in Shaping American Identity.** University of Virginia, 3-4 November 2006. Contact Maggie Dennis: 202.633.3441, [dennism@si.edu](mailto:dennism@si.edu).

**"The Documentary Tradition" at the 2006 Film and History League Conference.** To be held 8-12 November 2006 in the Dolce Conference Center near the Dallas-Fort Worth airport. <http://www.filmandhistory.org>.

**Science within the State.** Berlin, 9-11 November 2006. Contact Axel C. Huentelmann ([axel.huentelmann@charite.de](mailto:axel.huentelmann@charite.de)), Michael C. Schneider (Michael Schneider @uni-duesseldorf.de).

**Research Agenda Symposium.** To be held at the John Hancock Conference Center, Boston, 10-12 November 2006. <http://www.worldhistorynetwork.org>.

**Ethnic Pathology in Germany, Russia, Latin America.** To be held 24-26 November 2006 at Justus-Liebig-Universität Giessen, Germany.

**Society for Ancient Medicine.** To be held 4-7 January 2007 in San Diego, California. [http://www.medicinaantiqua.org.uk/mmm\\_sam.html](http://www.medicinaantiqua.org.uk/mmm_sam.html).

**Workshop – The Robert Koch-Institute for Infectious Diseases and its Role During National Socialism.** To be held 19-20 January 2007 in Berlin. <http://www.medizin.fu-berlin.de/ign>.

**Energy and Culture.** To be held 7-8 February 2007 in Esbjerg, Denmark. <http://www.CES-network.com>.

**Knowledge that Matters.** To be held 8-10 February 2007 Arizona State University, Tempe, Arizona.

**Historicide and Reiteration: Innovation in the Sciences, Humanities and the Arts.** 9-10 February 2007, Maastricht University, the Netherlands. Contact Lies Wesseling at [lies.wesseling@lk.unimaas.nl](mailto:lies.wesseling@lk.unimaas.nl).

**epiSTEME-2.** To be held at the Homi Bhabha Centre for Science Education (TIFR), Mumbai, India 12-15 February 2007. <http://www.hbce.tifr.res.in/episteme>.

**Living on the Edge: Human Desires and Environmental Realities.** To be held 28 February 2007 through 3 March 2007 in New Orleans. <http://www.h-net.org/~environ/ASEH/conferences.html>.

**Living on the Edge: Human Desires and Environmental Realities.** ASEH's 2007 meeting, Baton Rouge, Louisiana, 1-7 March. <http://www.h-net.org/~environ/ASEH/conferences.html>.

**SAHMS 2007.** To be held 2-3 March 2007 in Charlottesville, VA. <http://www.SAHMS.net>.

**Medicine and Culture: Chinese-Western Medical Exchange from the Late Imperial to Modern Periods.** To be held at the University of San Francisco on Friday, 9 March 2007. <http://www.usfca.edu/r Ricci>.

**Precarious Matters.** The History of Dangerous and Endangered Substances in the 19th and 20th Centuries. To be held 22-24 March 2007 at the Max-Planck-Institute for the History of Sciences, Berlin.

**Perspectives on Mathematical Practices.** To be held 26-28 March 2007, Vrije Universiteit Brussel, Belgium. <http://www.vub.ac.be/CLWF/PMP2007/PMP2007.pdf>.

**First International ESEMP Congress.** To be held 26-30 March 2007 in Essen, Germany. <http://www.kongress.esemp.de>.

**Teaching and Learning in the Maritime Environment: A Conference on Pedagogy & Scholarship.** To be held 28-30 March 2007 at The California Maritime Academy.

**The Business of Race and Science.** To be held 30-31 March 2007, at Massachusetts Institute of Technology, Cambridge, Massachusetts.

**Securing the Ultimate Victory – Exploring the History of Military Medicine and Health Care.** To be held 12-13 April 2007 at the Army Medical Services Museum, Mytchett, Surrey. Contact: [armymedicalmuseum@btinternet.com](mailto:armymedicalmuseum@btinternet.com).

**The Other Animals: Situating the**

**non-human in Russian Culture and History.** To be held 17-19 May 2007 in Roanoke, VA.

**American Association of Geographers Annual Meeting,** San Francisco, 17-21 April 2007.

**The American Association for the History of Medicine 80<sup>th</sup> Annual Meeting** to be held in Montreal, Quebec, 3-6 May 2007. For further information, contact Philip M. Teigen at pteigen@nih.gov.

**SICU2: An International Workshop on Historic Scientific Instrument Collections in the University.** To be held at the University

of Mississippi in June 2007. <http://www.olemiss.edu/~sicu2web/>.

**ESEH Conference: Environmental Connections—Europe and the Wider World.** Amsterdam, The Netherlands, 5-8 June 2007. <http://www.eseh.org>.

**Cultivating the 'Next' Agricultural History.** Meeting of the Agricultural History Society will be held at Iowa State University, Ames, 21-23 June 2007. <http://agriculturalhistory.ndsu.nodak.edu/upcomingevents.html>.

**The 2007 International Conference on the History of Cartography** will be held 8-13 July 2007 in Berne, Switzerland. <http://www.ichc2007.ch/>.

**Sexual Histories: Bodies and Desires Uncovered.** To be held 23-25 July 2007, Xfi Centre, University of Exeter.

**Science and Religion Conference.** To be held 23-26 July 2007 at the University of Lancaster, UK. <http://www.lancs.ac.uk/depts/history/news/science&#38;#38;religion.htm>.

**3rd International Congress on Traditional Medicine and Materia Medica.** The event will take place in Kuala Lumpur, Malaysia, 14-16 August 2007. <http://www.h-net.org/announce/show.cgi?ID=152336>.

**Fifteenth International Conference on the Origin of Life.** Florence, Italy

August 24-29, 2008. <http://www.dbag.unifi.it/issol2008>.

**Nature Behind Glass: Natural Science Collections Conference.** To be held 6-8 September 2007 Manchester Museum, England. <http://www.arts.manchester.ac.uk/naturebehindglass/>.

**The Legacy of Ramon y Cajal.** Chestnut Hill College, Philadelphia, PA, 5-7 October 2007. E-mail [Cajal@chc.edu](mailto:Cajal@chc.edu).

**Bicentenary of the Geological Society (of London).** 12-13 November 2007. <http://www.geolsoc.org.UK/HOGG>.

# Dissertations

The list below reflects information provided by Dr. Jonathon Erlen (only dissertation titles placed in Dissertation Abstracts are included) and others and was current as of 1 May 2006. Please send any missing titles to [info@hsonline.org](mailto:info@hsonline.org).

**Balladur, Laura Cecilia.** "Imagination, Physiology, and the Dynamics of Representation in Enlightenment France." Duke University, 2005, 310 pp. 3191940.

**Barrenechea, Francisco.** "Narrative in Aristophanes' 'Wealth'." Columbia University, 2005, 215 pp. 3188714.

**Bartlett, Mark.** "Chronotopology and the Scientific-Aesthetic in Philosophy, Literature and Art." University of California, Santa Cruz, 2005, 327 pp. 3185873.

**Broich, John.** "Water and the Modern British City: The Case of London, 1835 - 1903." Stanford University, 2005, 285 pp. 3187266.

**Call, Thomas C.** "Science and the Spirit of the Age: Blake, Wordsworth, and the Romantic Scientific Paradigm." The University of Tennessee, 2005, 207 pp. 3193585.

**Carter, Eric D.** "Disease, Science, and Regional Development: Malaria Control in Northwest Argentina, 1890 - 1950." The University of Wisconsin, Madison, 2005, 553 pp. 3186104.

**Churchill, Wendy D.** "Female Complaints: The Medical Diagnosis and Treatment of British Women, 1590 - 1740." McMaster University, 2005, 291 pp. NR07891.

**Danner, Linda R.** "Societes Savantes and the Re(production) of Class and Regional Identity in Burgundy, France." The University of North Carolina at Chapel Hill, 2005, 217 pp. 3190236.

**Deac, Mioara.** "Mirror of the World or Submerged Unconscious? Hallucinations and the Victorians (1853 - 1901)." University of Notre Dame, 2005, 321 pp. 3189253.

**Dyck, Erika.** "Psychedelic Psychiatry: LSD and Post-World War II Medical Experimentation in Canada." McMaster University, 2005, 324 pp. NR07898.

**Geraci, Robert M.** "The Cultural History of Religions and the Ethics of Progress: Building the Human in 20th Century Religion, Science and Art." University of California, Santa Barbara, 2005, 294 pp. 3186823.

**Golden, Cheryl L.** "The Role of Poison in Roman Society." The University of North Carolina at Chapel Hill, 2005, 218 pp. 3190255.

**Grinnell, George C.** "On Hypochondria: Interpreting Romantic Health and Illness." McMaster University, 2005, 296 pp. NR07905.

**Herzberg, David L.** "Designer Consciousness: Medicine,

Marketing, and Identity in American Culture from Milton to Prozac." The University of Wisconsin, Madison, 2005, 355 pp. 3186190.

**Hunt, James Christopher.** "We Shall Have to Make the Best of it: The Conversion of Dennis Sciama." Virginia Polytechnic Institute and State University, 2005, 272 pp. 3191741.

**Iezzi, Carina Angelica.** "Regional Differences in the Health Status of Late Bronze Age Mycenaean Populations from East Lokris, Greece." State University of New York at Buffalo, 2005, 449 pp. 3185353.

**Johnson, Whitney Pamela.** "Aristotle as Secondary Mathematics Teacher Educator: Metaphors and Strengths." Michigan State University, 2005, 152 pp. 3189673.

**Kim, Jean Ju.** "Empire at the Crossroads of Modernity: Plantations, Medicine, and the Biopolitics of Life in Hawaii, 1898 - 1948." Cornell University, 2005, 483 pp. 3192102.

**Knight, Leah.** "Cultivating Collections: Print, Plants, and Poetics in Early Modern England (1550 - 1600)." Queen's University at Kingston, 2005, 309 pp. NR05227.

**Lundgren, Burden Susan.** "The Great Pestilence: Yellow Fever in Portsmouth, Virginia, 1855." Old Dominion University, 2005, 210 pp. 3191385.

**Maerker, Anna Katharina.** "Model Experts: The Production and Uses of Anatomical Models at La Specola, Florence, and the Josephinum, Vienna, 1775 - 1814." Cornell University, 2005, 319 pp. 3192203.

**Mann, Joel Eryn.** "Of Science, Skepticism and Sophistry: The Pseudo-Hippocratic 'On the Art' in its Philosophical Context." The University of Texas at Austin, 2005, 347 pp. 3185714.

**Miller, Kimberly A.** "Eugenics and American Theatre, 1912 - 1921." The University of Kansas, 2005, 168 pp. 3185194.

**Mirus, Christopher V.** "Teleology and Modern Mechanics." University of Notre Dame, 2004, 290 pp. 3189260.

**Patton, Lydia.** "Hermann Cohen's History and Philosophy of Science." McGill University, 2004, 183 pp. NR06335.

**Neill, Deborah Joy.** "Transnationalism in the Colonies: Cooperation, Rivalry, and Race in German and French Tropical Medicine, 1880 - 1930." University of Toronto,

2005, 392 pp. NR07693.

**Noble, Vanessa.** "Doctors Divided: Gender, Race and Class Anomalies in the Production of Black Medical Doctors in Apartheid South Africa, 1948 to 1994." University of Michigan, 2005, 360 pp. 3192740.

**Pande, Ishita.** "Curing Calcutta: Race, Liberalism, and Colonial Medicine in British Bengal, 1830 - 1900." Princeton University, 2005, 236 pp. 3188655.

**Park, Peter Kwan-Joon.** "The Exclusion of Asia from the Formation of a Modern Canon of Philosophy: Debates in German Philosophy, 1790 - 1830." University of California, Los Angeles, 2005, 232 pp. 3188378.

**Perry, Heather R.** "Recycling the Disabled: Army, Medicine, and Society in World War I Germany." Indiana University, 2005, 276 pp. 3183470.

**Popa, Tiberiu M.** "Aristotle on Material Dispositions in 'Meteorology' IV." University of Pittsburgh, 2005, 204 pp. 3188987.

**Portuondo, Maria M.** "Secret Science: Spanish Cosmography and the New World." Johns Hopkins University, 2005, 455 pp. 3189091.

**Schaefer, Richard.** "Thoughts on the Founding of a Catholic Science: Science, Society and the Syllabus of Errors in German Catholicism, 1820 - 1869." Cornell University, 2005, 430 pp. 3192080.

**Shook, Beth Alison Schultz.** "Ancient DNA and the Biological History and Prehistory of Northeastern North America." University of California, Davis, 2005, 207 pp. 3191181.

**Shukin, Nicole.** "Animal Capital: The Material Politics of Rendering, Mimesis, and Mobility in North American Culture." University of Alberta, 2005, 303 pp. NR08732.

**Smith, Melissa.** "Infected Texts: Plague and Syphilis on the Early Modern Stage." McMaster University, 2005, 259 pp. NR07935.

**Xu, Yibao.** "Concepts of Infinity in Chinese Mathematics." City University of New York, 2005, 358 pp. 3187462.

**Yoshii, June M.** "Scientific Fictions: Evolutionary Science, Literary Genre, and Theories of Degeneration in Fin de Siècle Britain." University of California, Berkeley, 2005, 314 pp.

# Tending the Garden of Knowledge: John Neu

John Neu's career as history of science librarian ranged from the heady days of large-scale collecting trips in Europe to a cash crunch on collections, from the days when librarians catalogued and referenced by hand to the sea change of information technology and processing. Neu (pronounced Nye), who retired at the beginning of the new millennium, spent thirty-seven years as bibliographer for the history of science at the University of Wisconsin Memorial Library in Madison and thirty-three years as the bibliographer for the History of Science Society, compiling the annual *Isis Current Bibliography* and the *Cumulative Bibliography*.

In 1963 the Memorial Library hired Neu, who originally trained in rare book librarianship at the Lilly Library of Indiana University, to help build the history-of-science collection — primarily books from the sixteenth and seventeenth centuries. The university sent Neu to Amsterdam, London, and Milan to meet with book dealers and antiquarians. He also acquired the geology book collection of George White, a historian of geology and professor at the University of Illinois, and the William Cole collection of early chemistry. After a few years the large-scale collecting stopped. "In the Seventies we ran out of money for that," says Neu. It was just as well. Ordering new books for the history-of-science collection, acting as liaison between the university's history of science department and the library, and his new job as bibliographer for the Society kept him busy enough.

Traditionally, the bibliography had been the responsibility of the editor of *Isis*, but as the discipline and the number of publications grew this became increasingly difficult. Under the editorship of Robert Multhauf (1964-1978), the society began to look for someone to take on the bibliography. "Erwin Hiebert, then history of physics professor at Wisconsin asked me if I would be interested," says Neu. "I was." In 1966, at the HSS annual meeting, the council approved Neu's position as bibliographer and the *CB* became a separate publication rather than part of the fourth issue of *Isis*.

With a bachelor's degree in English from Wisconsin and a master's degree in library science, Neu began his library career with little knowledge of history of science. "I self-educated myself when I took up that position," he says. That education provided him with a solid base on which to take on the bibliography and understand its importance. "It's a record of everything that's been done in history of science since its founding, and the chief reference source for new material for just about anybody in the field. I think it's especially important for graduate students entering a new area of research, whether for a paper or a dissertation, to see what had already been done."

George Sarton founded the bibliography the same year he founded *Isis*, 1913, and continued to compile the bibliography until he retired. "It used to be called the *Critical Bibliography*, because he made critical comments in everything he put in," says Neu. "The comments I made were not critical at all, they were descriptive, so we changed the title from critical to current. Since I'm not a historian, I never felt I should be making critical comments, and I never had time to read everything."

The searching could often be tedious; Neu perused history-of-science lists, the weekly list of books published in almost every country, and Library of Congress catalogue information. Neu did much of the journal searching himself. "I enjoyed knowing what everyone was working on and what was new," he says. A joint appointment with the history of science department brought Neu into contact with students, many of whom became friends and some assistants on the bibliography, and he often met with students for a beer on Friday afternoons and for dinners.

In the Eighties, as part of his bibliographical work, Neu worked with the Bibliography Commission of the International Union for the History and Philosophy of Science under the leadership of Renato Massolini to attempt to unite scattered bibliographies. A meeting in Trento, Italy led to the development of the RLG online database with the merging of the *Isis Current Bibliography*, the Italian history of science bibliography, the technology and culture bibliography edited by Henry Lowood, and, later, the Wellcome Institute for the History of Medicine bibliography. This database is now available to all HSS members.

## John Neu, Longtime HSS Bibliographer, Contributes Leadership and \$15,000

The History of Science Society is delighted to announce that John Neu has accepted the position of Honorary Chair of "The Campaign for the History of Science: Securing the Past for the Future." Setting an example we hope all will follow, John, profiled here, has contributed his skills and his time, as well as financial resources to HSS.

The Society is embarking on a new phase of its service to the discipline and to the profession. We have taken the first step, winning a matching grant from the NEH to endow the Current Bibliography. John's contribution puts us measurably closer to raising the \$500,000 required to receive the grant.

As we move to complete the CB drive, we are planning our next steps. The Campaign for the History of Science, with outgoing Treasurer Marc Rothenberg as Director, will continue to seek support for core functions and new initiatives. In this way, HSS will better serve the field and those dedicated to it, thus securing the past for the future.

— By Joan Cadden  
Hss President



Neu retired on January 1, 2000. "It was the end of the century and I was at retirement age — and my profession itself had changed so much. I was happy to retire, though I loved my job the whole time I was doing it. I feel the bibliography is in good hands with Stephen Weldon." Neu moved from Madison to northern Wisconsin, where he built a house by a lake in the woods (not like Thoreau, he says; the house has central heating). Mystery writing has taken the place of librarianship. This fall the University of Wisconsin-Madison library press, Parallel Press, is publishing *The Tiger's Child*. "It's their first fiction title and it came about by a fluke. I write mostly for my own entertainment; writing mysteries is like working crossword puzzles. A friend then wanted to read what I'd written. He was president of Friends of the Library, and he was enthusiastic and gave the manuscript to the director of the library. There's so much luck involved in publishing."

His first HSS annual meeting was in 1962, at Indiana University, after the University of Wisconsin-Madison offered him the librarianship position. "I didn't know anybody or much about the history of science. I first started meeting people at the banquet. My table had Richard Westfall, Lynn White, and Rupert Hall. Over the years I've gotten to know just about everybody. I worked with five editors of *Isis*, starting with Robert Multhauf, Arnold Thackray, Charles Rosenberg, Ron Numbers, and Margaret Rossiter. I went to HSS meetings because I felt it important to keep track of what everybody was doing. When you know people it's a way of keeping up with the literature, because you know what subjects are being dealt with in papers at the meeting. And I liked seeing students I had become friends with going on in the profession. I miss that."

Despite retirement, Neu is still involved with the bibliography, as a major donor and as honorary chair of the campaign to endow the bibliographer's position. "It's important. History of science is such an interdisciplinary field and there are lots of bibliographies, but the *Isis* bibliography is one of the few devoted exclusively to history of science, technology, and medicine, and it's selective. We weed out a lot of the material that isn't of much interest to historians or graduate students." As a tender of the garden of knowledge, Neu believes the bibliography is the first stop for scholars. "It's almost a complete record of the literature of a discipline. And there aren't many disciplines that have a complete record."

— By Michal Meyer

[Please contribute to the NEH Challenge Grant to endow the HSS Bibliographer's position, by going to [hsonline.org](http://hsonline.org) and clicking on "Donate to the Society" on the main page.]

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Please send corrections to: info@hsoonline.org

# HSS Employment Survey Report, 2005-2006

Cornelia C. Lambert, University of Oklahoma

This is a report of the results of the 2005-2006 HSS Employment Survey. The information provided concerns searches for positions beginning in or around Autumn 2006. We received 37 usable surveys, with a total of 33 hires reported – eight searches were ended and one survey indicated a total of three hires.

Respondents are given the option of indicating one of four categories to describe their position: I) HP/STM was the primary area of expertise desired; II) HP/STM was only a supporting or secondary area of expertise; III) HP/STM was one of several possible areas of expertise desired in the candidate, or IV) HP/STM did not factor at all in the job search. This year, all surveys fell into Categories I and III.

Of the 26 Category I searches, 12 were permanent positions and 14 were temporary. Four permanent positions were awarded to males and 7 to females; the last one did not include a record of the gender of the successful candidate. Of the temporary positions in Category I, 4 went to male candidates and 7 to female candidates, and 3, though filled, do not indicate gender.

Category III jobs, or jobs for which HP/STM is one of several possible areas of expertise, there were two permanent positions, and both were awarded to male candidates. Of the 5 temporary Category III positions, 2 were given to males, and 3 to females.

In summary, 17 of the 29 hires for which gender was reported, both permanent and temporary, were awarded to women (59% of the posts for which gender was indicated). This is especially interesting in light of the recent Society-wide survey that indicated a 66/34% ratio of male to female members. However, Adrian Morse of the HSS Executive Office reports that further examination of that survey data suggests that the gap in male/female participation in scholarship has decreased dramatically in the past ten years; it appears from survey results that students currently enrolled in graduate programs are equally as likely to be female as male.

There were few comments on the applicant pools this year; all of them laudatory. Applicant groups were described as “outstanding” and “rich and diverse.” There were more critical comments from the other direction; job-seekers reported several problems. A general complaint concerned the lack of job openings at middle (associate professor) rank, a fact supported by the preponderance of assistant professor positions advertised in this year’s survey. Of the 14 permanent positions recorded in this year’s survey, 12 were for assistant professor positions; one was for an archivist, and the last for a full professorship. This at least indicates that there are more positions for young graduates, though a multi-year study would have to be conducted in order to reveal if this is a promising trend.

More specific replies indicate the need for better interviewing and hiring practices. One wrote: “I wish I had been rejected from the places which rejected me as soon as they knew. Some took 7 months to tell me they were no longer considering me when I had never gotten a preliminary interview,

and some have never responded . . . .” Another reply indicates the need for Society-wide responsibility for unprejudiced behavior: “Interview lists,” she wrote, should be “monitor[ed] . . . for overt and covert discrimination on the basis of gender and age, ethnicity, [and] other aspects not related to past or present professional accomplishments.” She also recommended that HSS “provide or mediate letters of reference for independent scholars as they cannot fairly compete against inflated letters of recommendation from major universities. . . .”

While the Employment Survey is an adequate gauge of trends in hiring in the history of science and related fields, it is increasingly becoming very difficult to retrieve the type of information necessary to reach any specific conclusions. For example, one of our survey questions asks if the respondent’s institution allows for the disclosure of information about the sex and minority status (as defined by the institution) of applicants. Seventy-five

percent of the surveys indicated that they were prohibited from doing so (although three of them disclosed minority status information and over half gave us gender information). Some respondents declined filling out information on relatively personal grounds; one wrote: “There are limits to information I will provide about any individual.”

The difficulty of obtaining significant results has led this author to wonder if the days of the efficacious Employment Survey are over. Yet the applicant comments remind us that even if the Survey ceases to be a tool for gaining statistical data regarding the make-up of our Society, it will continue to serve as a clearinghouse for grievances and thus, as a catalyst for examination of our

professional practices. The goal of the Women’s Caucus in sponsoring the Annual Employment Survey is to safeguard not only the rights of women, but the rights of all HSS members in their searches for employment and professional exhibition.

If participants or readers of the survey have any suggestions, please send them to Cornelia Lambert, Department of the History of Science, Physical Sciences, Room 622, The University of Oklahoma, Norman, OK 73019-0315, or [clambert@ou.edu](mailto:clambert@ou.edu). I would like to express my appreciation to Jay Malone and Adrian Morse at the HSS Executive Office for getting the survey online this year, and to both Adrian and Lynnette Regouby for comments and conversation regarding survey data.

## EMPLOYMENT SURVEYS OVER THE YEARS

Years	% of Female Hires
2000-2001	29%
2001-2002	44%
2002-2003	38%
2003-2004	37%
2004-2005	48%
2005-2006	59%

**The percentage of female hires has increased significantly the past two years, reaching its highest point ever in this year’s survey – despite a pool of applicants that remains highly skewed (63% of the total applicant pool was male this year).**

**Reminder:** The Isis Bibliography from 1975 to the present is available online with the Research Libraries Group (RLG). Members of the Society may access the RLG Web site and the History of Science and Technology Database (HST) through the HSS homepage at <http://hssonline.org>. RLG has assigned us “Y6.G19” as a “User Name” and “HSSDEMO” as a “Password.”

# HSS Employment Survey Tables, 2005-2006

## CATEGORY I; HP/STM WAS THE PRIMARY AREA OF EXPERTISE DESIRED

<u>Job Description</u> Permanent	<u>Background</u>	<u>Advertising Media</u>	<u>Rank Offered</u>	<u>Total # Applicants</u> Male/Female	<u>Successful Candidate</u> Gender, Minority Degree, Date, Field
Drew University	S, T, D	1, 4	AST	102: 40, 62	M, yes, yes, 2006, HP/STM
Indiana University	P, D	4, 6	AST	80: --, --	M, no, yes, 2004, HP/STM
University of Toronto	S, M, P, D	3, 4, 5, 6, 7	AST	35: 21, 14	F, no, yes, 2000, HP/STM
Johns Hopkins University	M	1, 5, 6	FP	23: --, --	F, no, yes, --, History
Mississippi State University	S, T, M, W, D	1, 2, 3, 4, 5, 6	AST	42: --, --	F, no, yes, 2006, HP/STM
University of Guelph	S, D	5	AST	66: --, --	F, yes, yes, 2000, HP/STM
University of Melbourne	S, D	4, 5, 6	L	22: 1, 21	--, --, --, --, --
University of North Carolina, Wilmington	S, T, W, D	1, 3, 5	AST	~90: --, --	M, --, yes, 2002, HP/STM
University of Pennsylvania	M, D	1, 2, 3, 5, 6	AST	116: --, --	F, No, No, (expct.), HP/STM
University of Puget Sound	S, T, D	1, 3, 4, 5	AST	--: --, --	F, --, yes, 2004, HP/STM
University of the Pacific	S, T, D	1, 5	AST	~60: ~20, ~40	F, yes, yes, 2003, HP/STM
Yale University	S,	1, 4, 5	AST	83: 31, 52	M, no, yes, 2002, HP/STM

<u>Job Description</u> Temporary	<u>Background</u>	<u>Advertising Media</u>	<u>Rank Offered</u>	<u>Total # Applicants</u> Male/Female	<u>Successful Candidate</u> Gender, Minority Degree, Date, Field
California Institute of Technology	S, P, D	3, 4	VF	15: --, --	F, yes, yes, 1987, --
Canadian S&T Historical Association	S, T, M, D	2, 4, 7	--	4: 1, 3	M, no, yes, --, HP/STM
Colby College	S, D	1, 2, 3, 4	AST	22: 7, 15	M, no, yes, 2001, HP/STM
Dept. of Philosophy, Bielefeld University	P, D	7	PD	9: 4, 5	M, no, no (expct.), HP/STM
Durham University	O, D	7	RF	12: --, --	F, no, yes, --, Philosophy
Geneva Univ., Inst., Hist. of Med. & Health	S, M, A, D	7	F	--: --, --	--, --, --, --, --
Lemelson Center, Smithsonian Institution	S, T, M, MU, PH	1, 2, 4, 5, 6	F	12: --, --	--, --, --, --, --
Max Planck Inst. for the History of Science	S, D	4, 5, 7	W2 Position	33: 8, 25	F, no, yes, --, HP/STM
Max Planck Inst. for the History of Science	S, D	4, 5, 7	PD	68: 36, 32	M, no, yes, --, HP/STM
Max Planck Inst. for the History of Science	S, D	4, 5, 7	PD	68: 36, 32	F, no, yes, --, HP/STM
Max Planck Inst. for the History of Science	S, D	4, 5, 7	PD	68: 36, 32	F, no, yes, --, HP/STM
Northwestern University	S, M, P, D	4, 7	PD	52: --, --	--, --, --, --, --
Society for the History of Technology	T, D	2, 5, 7	PD	6: --, --	F, no, yes, 2003, STS
University of Oklahoma	S, D	4, 5, 7	VF	8: 3, 5	F, no, yes, 2005, HP/STM

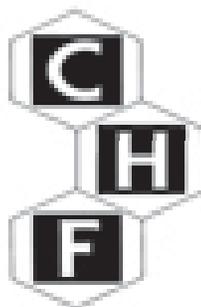
## CATEGORY III; HP/STM WAS ONE OF SEVERAL POSSIBLE AREAS OF EXPERTISE

<u>Job Description</u> Permanent	<u>Background</u>	<u>Advertising Media</u>	<u>Rank Offered</u>	<u>Total # Applicants</u> Male/Female	<u>Successful Candidate</u> Gender, Minority Degree, Date, Field
Chemical Heritage Foundation M, no, no, --, HP/STM	A, MU, PH	3, 5, 7	Archivist	15: --, --	
UCLA	D	1, 3, 7	AST	~150: --, --	M, no, no, (expct.), Soc.

<u>Job Description</u> Temporary	<u>Background</u>	<u>Advertising Media</u>	<u>Rank Offered</u>	<u>Total # Applicants</u> Male/Female	<u>Successful Candidate</u> Gender, Minority Degree, Date, Field
Amherst College	D	1, 2, 4, 5, 7	AST	18: --, --	M, --, yes, 2003, HP/STM
Harvey Mudd College	D	2, 3, 4, 7	VF	~35: --, --	F, no, yes, 2000, STS
Humanities Center, Haverford College	S	3, 4, 7	AST	36: --, --	M, no, yes, 2003, English
Max Planck Inst. for the History of Science	S, S	4, 5, 7	WM	42: 12, 30	F, no, yes, --, Hist. of Art
Northwestern University	S, S	4, 7	PD	52: --, --	F, yes, no, (expct.), Soc.

<u>KEY:</u>		T	Training in History of Technology	RF	Research Fellow
<u>DESIRED BACKGROUND</u>		W	Ability to teach American or Western History Survey	VF	Visiting Faculty
A	Archival Training, Experience	--	No reply	WM	Wissenschaftlicher Mitarbeiter
B	B.A. only			--	No reply
D	PhD or equivalent in hand at time of starting	<u>RANK</u>		<u>ADVERTISING MEDIA</u>	
M	Training in History of Medicine	ASC	Associate Professor	1	AHA Perspectives
MD	Medical Degree	AST	Assistant Professor	2	SHOT Newsletter
MU	Museum Training, Experience	F	Fellowship	3	Chronicle of Higher Education
O	Other specific training	FP	Full Professor	4	HSS Newsletter and/or website
P	Training in Philosophy of Science	L	Lecturer	5	H-Net
PH	Public History	LIB	Librarian	6	AAHM Newsletter
S	Training in the History of Science	O	Other	7	Other
STS	Training in Science, Technology, and Society	PD	Post Doctorate	--	No reply



**Chemical Heritage Foundation  
BECKMAN CENTER FOR THE HISTORY OF CHEMISTRY  
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*Applications must include a research proposal of no more than 1,000 words addressing the relevance of CHF resources. The proposal should also explain how the work advances scholarship and how the outcome might be published. Include a CV and arrange for two letters of reference to be sent directly to CHF. For further information visit [www.chemheritage.org](http://www.chemheritage.org) or e-mail [fellowships@chemheritage.org](mailto:fellowships@chemheritage.org).*

**Long-Term Fellowship Opportunities**

**Deadline: 15 January 2007**

**Gordon Cain Fellowship**

This nine-month fellowship is open to Ph.D. scholars who plan to conduct historical research on the development of the chemical industries. Working with Beckman Center staff, the Cain Fellow will organize a one-day conference, inviting scholars to discuss the subject of the fellow's research.

**John C. Haas Fellowship**

This nine-month fellowship is open to Ph.D. scholars whose research will enhance public understanding of the chemical industries in relation to societal, environmental, health, and safety issues. *Two fellowships offered.*

**Charles C. Price Fellowship**

This nine-month fellowship is open to scholars pursuing research on the history of the chemical sciences and technologies. Preference is given to applicants with projects on the history of polymers; however, scholars interested in other fields are also encouraged to apply. The Charles C. Price Fellowship was created by friends and admirers of Professor Price.

**Robert W. Gore Fellowship**

This twelve-month fellowship is open to advanced Ph.D. candidates with the research expertise, writing skills, and technical background to conduct case studies of materials innovations since 1980 and communicate to academic, policy, and industrial audiences. The Gore Fellow will undertake one case study to be published by CHF, and will also have ample opportunity to pursue individual research and academic interests.

*Send inquiries and applications to: Fellowship Coordinator, Chemical Heritage Foundation, 315 Chestnut Street, Philadelphia, PA 19106-2702 Tel: 215-925-2222 Fax: 215-629-5269 E-mail: [fellowships@chemheritage.org](mailto:fellowships@chemheritage.org)*

**Short-Term Fellowship Opportunities**

**Deadline: 15 February 2007**

**Roy G. Neville Fellowship**

This two- to three-month fellowship is open to historians of science, technology, and allied fields, as well as to historians of the book and print culture, bibliographers, and librarians, who will make use of the Roy G. Neville Historical Chemical Library. The Neville collection contains approximately 5,000 titles dating from the 15th to the 19th centuries and covering all aspects of the history of chemistry and allied fields. *Multiple fellowships offered.*

**Société de Chimie Industrielle  
(American Section) Fellowship**

This fellowship is designed to stimulate public understanding of the chemical industries. Applications are encouraged from writers, journalists, educators, and historians of science, technology, or business. The fellow will spend three months in residence at CHF during the summer of 2007. Multimedia, popular book projects and Web-based projects are encouraged. Applicants must specify how the outcomes of their projects will reach a broad audience.

**Glean E. and Barbara Hodsdon Ulyset Scholarship**

This scholarship sponsors historical research that promotes public understanding of the chemical sciences. Applications are invited from scholars, graduate students, science writers, and journalists. The fellow will spend a minimum of two months in residence at CHF during the summer of 2007.

**Research Travel Grants**

The Beckman Center for the History of Chemistry also offers grants as needed to cover travel expenses for short-term research in CHF's Othmer Library of Chemical History and CHF's historical archives and instrument and art collections. Applicants must submit a CV, a one-page statement of the research project and the applicability of CHF's resources, a budget estimate, and one letter of reference (sent directly from the source to CHF). See our Web site or contact [travelgrants@chemheritage.org](mailto:travelgrants@chemheritage.org) for details.

# Isis Books Received

**Ackerman, Sandra J.** *Hard Science, Hard Choices. Facts, Ethics, and Policies Guiding Brain Science Today.* (The Dana Foundation Series on Neuroethics) xiii + 152 pp. app., index. New York: Dana Press, 2006. \$12.95 (cloth). 1-932594-02-7.

**Andrew, Edward G.** *Patrons of Enlightenment.* x + 284 pp., bibl., index. Toronto: University of Toronto Press, 2006. \$55 (cloth). 082090648.

**Ash, Avner, Robert Gross.** *Fearless Symmetry. Exposing the Hidden Patterns of Numbers.* xxv + 272 pp. illus., apps., bibl., index. Princeton, NJ: Princeton University Press, 2006. \$24.95 (cloth). 0-691-12492-2.

**Asimov, Janet Jappson.** *Notes for a Memoir on Isaac Asimov, Life, and Writing.* 207 pp., apps., bibl. Amherst: Prometheus Books, 2006. \$25 (cloth). 1591024056.

**Aucante, Vincent.** *La philosophie médicale de Descartes. Science, histoire et société.* xxi + 472 pp. illus., figs., tables, app., bibl., index. Paris: Presses Universitaires de France, 2006. Euro 31 (paper). 2 13 055116 5.

**Baali, Fuad.** *The Science of Human Social Organization: Conflicting Views on Ibn Khaldun's (1332 - 1406) Ilm Al-Umran.* ix + 149 pp., bibl., index. Ceredigion: Edwin Mellen Press, 2005. \$99.95 (cloth). 0773462791.

**Baldwin, Peter.** *Contagion and the State in Europe, 1830-1930.* xiii + 581 pp., index. New York: Cambridge University Press, 2005. \$90 (cloth); \$29.99 (paper). 052161628X.

**Becker, Peter and Richard F. Wetzell, Editors.** *Criminals and their Scientists. The History of Criminology in International Perspective.* (Publications of the German Historical Institute) xiii + 492 pp. illus., figs., index. New York: Cambridge University Press, 2006. \$85. (cloth). 0-521-81012-4.

**Benjamin, Ludy T., Jr.** *A History of Psychology in Letters.* xv + 246 pp., illus., bibl., index. Malden: Blackwell Publishers Inc., 2006. \$74.95 (cloth); \$29.95 (paper). 1405126124.

**Bennett, Colin J., Charles D. Raab.** *The Governance of Privacy. Policy*

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