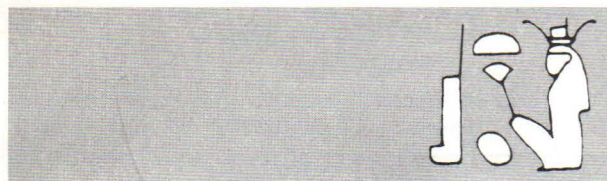


NEWSLETTER



VOLUME 32 NUMBER 2
April 2003

HISTORY OF SCIENCE SOCIETY

Lightman Named as New Editor of HSS

The History of Science Society has selected Bernard V. Lightman of York University in Toronto as the next Editor of *Isis* and the HSS. Dr. Lightman will assume the editorship on 1 January 2004, taking over the duties so superbly handled by Margaret Rossiter.

Lightman is a full professor at York University, where he teaches in the Division of Humanities, in which the undergraduate Program in Science and Society is housed. He is also a member of the Graduate History Program. Professor Lightman's main area of expertise is nineteenth-century British science. Some of his publications include *The Origins of Agnosticism* (Johns Hopkins UP, 1987) and *Victorian Science in Context* (Editor, U of Chicago Press, 1998). He is at present involved in a number of scholarly projects, including the general editorship of a biographical dictionary of nineteenth-century British scientists, to be published by Thoemmes Press; the general editorship of a reprint series of nineteenth-century, popular-science books also to be published by

Thoemmes Press; and, with his colleague Ann Shteir, he is editing a collection of essays that have come out of a conference at York on science, gender, and visual images.

Dr. Lightman brings to the HSS editorship extensive administrative experience. He set up a new interdisciplinary program in Science, Technology, Culture and Society a few years after arriving at York (the title was recently changed to Science and Society). He served as associate dean of Arts for four years, from 1993-1997, and is currently the Director Designate of the new Graduate Program in Humanities. He has been an active member of the HSS having recently been elected to the Council and having served on a variety of committees over the years, including the *Isis* editorial board, the Dibner Visiting Historian of Science Committee (which he chaired from 1996-1998), and the Committee on Finance (1996-1999). Finally, he was the Canadian representative on the three-person program committee for the Fourth British-North American Joint Meeting of the British Society

for the History of Science, Canadian Society for the History and Philosophy of Science, and History of Science Society, which took place from August 3-6, 2000, at St. Louis, Missouri.

Professor Lightman will be assisted by Katharine Anderson, who will assume the duties of the Book Review Editor, and Kathryn Olesko, of Georgetown University, who will continue her excellent work as the editor of *Osiris* for the next two years. The new editorial office for the HSS will be located in Bethune College at York University.

CONTENTS

| | |
|---|-------|
| Cover Story | 1 |
| HSS Election Ballot | 2 |
| HSS Council, Committee, and Delegate Roster, 2003 | 3 |
| Innovations in Education | 4-5 |
| HSS Candidates | 6-10 |
| News and Inquiries | 10-15 |
| Awards, Honors, and Appointments | 16-17 |
| Jobs | 17 |
| Grants, Fellowships, and Prizes | 18-19 |
| Future Meetings | 20-21 |
| <i>Isis</i> Books Received | 22-24 |



Bernard V. Lightman, York University

HISTORY OF SCIENCE SOCIETY ELECTION BALLOT

Vice President:

Serves 2 years as vice president and then 2 years as president
1 January 2004-31 December 2005
Please vote for *one* of the *two* candidates.

- Joan Cadden (University of California, Davis)
- M. Norton Wise (University of California, Los Angeles)
- write-in candidate: _____

Council Nominees:

Three-year term:
1 January 2004-31 December 2006
Please vote for *five* of the *ten* candidates.

- Peter R. Dear (Cornell University)
- Bruce Hevly (University of Washington)
- David A. Hollinger (University of California, Berkeley)
- Bruce J. Hunt (University of Texas)
- Naomi Oreskes (University of California, San Diego)
- Diane B. Paul (University of Massachusetts, Boston)
- Robert J. Richards (University of Chicago)
- Lisa Rosner (Richard Stockton College)
- Andrea A. Rusnock (University of Rhode Island)
- Alice A. Walters (University of Massachusetts, Lowell)
- write-in candidate: _____

Nominating Committee: (At Large)

One-year term:
1 July 2003-30 June 2004
Please vote for *three* of the *six* candidates.

- Thomas H. Broman (University of Wisconsin-Madison)
- Judith R. Goodstein (California Institute of Technology)
- Mott T. Greene (University of Puget Sound)
- Susan E. Lederer (Yale University)
- Pamela E. Mack (Clemson University)
- Londa Schiebinger (Pennsylvania State University)
- write-in candidate: _____

Nominating Committee: (Council)

One-year term:
1 July 2003-30 June 2004
Please vote for *two* of the *four* candidates.

- Michael A. Osborne (University of California, SB)
- Katharine Park (Harvard University)
- Karen Parshall (University of Virginia)
- Jole R. Shackelford (University of Minnesota)
- write-in candidate: _____

Ballots are due in the HSS Executive Office by 9 June 2003.

History of Science Society Executive Office

University of Washington
Box 351330
Seattle, Washington 98195-1330
Phone: 206-543-9366
Fax: 206-685-9544
Email: info@hssonline.org
Web site: <http://www.hssonline.org>
Physical address (Fed-Ex, UPS):
Johnson Hall, Room 236
University of Washington
Seattle, Washington 98195-1330

Subscription Inquiries: *ISIS* and *HSS Newsletter*

Please contact the University of Chicago Press directly, at:
j-orders@press.uchicago.edu; fax: 773-753-0811.

Or write University of Chicago Press, Subscription
Fulfillment Manager, 1427 East 60th Street, Chicago, IL
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 Power Macintosh system using
Microsoft Word and Adobe PageMaker. The format and editorial
policies are determined by the Executive Director in consultation
with the Committee on Publications. All advertising copy must
be submitted camera-ready. Advertisements are accepted on a
space-available basis only, and the Society reserves the right not
to accept a submission. The rates are as follows: Full page (9 x
7.5"), \$400; Horizontal or Vertical Half page (4.5 x 7.5"), \$220;
Quarter page (3 x 5"), \$110. The deadline for insertion orders and
camera-ready copy is **six weeks prior to the month of publication**
(e. g., 20 November for the January *Newsletter*) and should be
sent to the attention of the HSS Executive Office at the above
address. HSS recommends that all camera-ready ads be sent via
overnight or 2-day mail to the **physical** address above.

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

© 2003 by the History of Science Society

HISTORY OF SCIENCE SOCIETY

Council, Committee, and Delegate Roster, 2003

Council

Composed of Executive Committee, immediate past president, 15 at-large, the latter of which are elected to serve 3-year terms (calendar years), 5 elected annually by HSS membership. One council member serves on each standing committee. President and Vice-President elected by membership at large.

Executive Committee

John Servos (Amherst College), President
 Michael Sokal (Worcester Polytechnic Institute), Vice-President
 Margaret Osler (University of Calgary), Secretary
 Marc Rothenberg (Smithsonian Institution), Treasurer
 Margaret Rossiter (Cornell University), Editor
 Jay Malone (*ex officio*, non-voting), Executive Director

At-large members

2001-2003

Katharine Park (Harvard University)
 Karen Parshall (University of Virginia)
 Philip Pauly (Rutgers University)

Margaret Schabas (University of British Columbia)
 Robert Westman (University of California, San Diego)

2002-2004

✓ William B. Ashworth (University of Missouri, Kansas City)
 ✓ M. Susan Lindee (University of Pennsylvania)
 ✓ Joan L. Richards (Brown University)
 ✓ James A. Secord (Cambridge University)
 ✓ Michael H. Shank (University of Wisconsin-Madison)

2003-2005

Angela N. Creager (Princeton University)
 Bernard V. Lightman (York University)
 Lynn K. Nyhart (University of Wisconsin-Madison)
 Michael A. Osborne (University of California, Santa Barbara)
 Jole R. Shackelford (University of Minnesota)

Past president

Ronald Numbers (University of Wisconsin-Madison)

HSS Publications

Editor of *Osiris*: Kathryn Olesko (Georgetown University)
 Editor of the *Current Bibliography*: Stephen Weldon
 (University of Oklahoma)
 Managing Editor, *Isis*: Alan Weber (Cornell University)

Standing Committee Chairs

Committee chairs are appointed by the Executive Committee. Terms, typically, are for three years, and run on the academic/fiscal year, 7/1 to 6/30.

Committee on Education: Robert Hatch (University of Florida)
 Committee on Finance: Marc Rothenberg
 (Smithsonian Institution)

Committee on Honors and Prizes: Alan Shapiro
 (University of Minnesota)

Committee on Meetings and Programs: David Cahan
 (University of Nebraska-Lincoln)

Nominating Committee: Philip Pauly (Rutgers University)

Committee on Publications: Susan Lindee
 (University of Pennsylvania)

Committee on Research and the Profession: Constance Malpas
 (New York Academy of Medicine)

Dibner Committee: Karen Rader (Sarah Lawrence College)

Prize Committee Chairs

Derek Price/Rod Webster Prize: Jon Harkness

Henry and Ida Schuman Prize: Shirley Roe
 (University of Connecticut)

History of Women in Science Prize: Robert Nye
 (Oregon State University)

Pfizer Award: Frederick Gregory (University of Florida)

Watson Davis and Helen Miles Davis Prize: Judith Goodstein
 (California Institute of Technology)

Joseph H. Hazen Education Prize: Larry Principe
 (Johns Hopkins University)

Delegates

AAAS. Section L (history and philosophy of science):

Paul Farber (Oregon State University)

AAAS. Section X (societal impacts of science and engineering):

Sara Miles (Eastern University)

American Council of Learned Societies:

Arnold Thackray (Chemical Heritage Foundation)

National Coordinating Committee for the Promotion of History:

Jay Malone

National Humanities Alliance: Jay Malone 2000-

Tell us what you think about the
 2002 *Guide to the History of
 Science!*

There is a short survey in the back of the *Guide*. Your feedback will make future editions better. Please complete the survey and drop the postcard in the mail.

FUTURE HSS MEETINGS

Cambridge, MA

20-23 November 2003

Austin, TX

(joint meeting with PSA)

18-21 November 2004

Minneapolis, MN

(co-located meeting with SHOT)

3-6 November 2005

Vancouver, BC

(joint meeting with PSA)

2-5 November 2006

Innovations in Education

Teaching Gender Analytics in Science, Medicine, and Technology in Culture

Londa Schiebinger*, *Pennsylvania State University*

The twentieth century witnessed a historic turnaround for women in science. Historically, women had been excluded from European and U.S. universities from the twelfth century to the late nineteenth century. By the late 1800s, women were admitted nearly everywhere in Europe and the U.S. (except for a few private holdouts, such as Cambridge, Princeton, and Yale). By the mid-twentieth century women were receiving Ph.D.s, and by the end of the century had entered the ranks of the professoriate. Though numbers differed across Europe and the U.S., countable percentages of women in the rank of senior professor existed everywhere: the Netherlands stood at 6%, the United Kingdom at 9%, France and the U.S. at 14%, with Portugal and Finland enjoying the highest percentages with 17 and 18% respectively (1998 figures, ETAN 2000, 10).

In an about face from earlier policies that kept women out, including anti-nepotism rules, the 1990s witnessed extraordinary efforts by governments and funding agencies to legislate women into science. Since the European Union (EU) established its Women and Science Unit in 1998, European member states have been jockeying for the best numbers in the women-in-science competition. The French, who in the past have assumed that Enlightenment notions of *égalité* and *fraternité* would afford women equal opportunities, are now extending the politics of *parité* to the halls of science. In 2001, the French Ministry for Research launched its *Mission Parité en Sciences et Technologies* to advance research in the area of gender analytics in the sciences. The Germans have also set up governmental offices in Bonn focused on expanding equal opportunity, equal pay, increased female leadership, and "gender mainstreaming" in all "concepts, processes, and measures" in science (Ebeling, 2001). In addition, a law has been put forward to the German parliament that would set (minimum) quotas for women in senior research positions (20% by 2005). This controversial policy, if enacted, would amount to a social revolution in a country where women are still often expected to choose between profession and family, and where in 2000 women held only 7% of top-level professorships (C4) and only 3% of leading positions in top German research institutes, such as the Max-Planck Gesellschaft.

The U.S., too, initiated aggressive programs to encourage women in the sciences in the 1990s. The narrowest models for reform were established by the National Science Foundation (NSF) and the Congressional Commission on the Advancement of Women and Minorities in Science, Engineering and Technology Development. Programs at the NSF were limited to promoting women's participation in science; the point has been to increase the supply of qualified women through fair and equitable education and career development. NSF's current ADVANCE program, designed to improve women's standing in science, will offer approximately 24 institutions \$4 million each over five years to transform internal structures, such as promotion and tenure procedures, in efforts to make universities conform more comfortably to women's career patterns (NSF 2001). Many of the proposals sent to NSF borrow (though largely without acknowledgement) from the institutional

changes feminists in the humanities have put in place over the past twenty years, mostly without governmental support.

In the U.S., different agencies have different track records in promoting gender equality. In contrast to the NSF's limited approach, the National Institutes of Health (NIH) opened its Office of Research on Women's Health (ORWH) in 1990, which provides a broader and deeper model for promoting equality for men and women in the sciences. The ORWH was founded with two interrelated missions: to increase the number of women in the medical profession and to reconceptualize medical research to include women. Thus the NIH took the crucial step of joining increased opportunities for women in medicine to mainstreaming gender analysis in medical research. This approach has not only increased the number of women in the medical sciences, but has also brought about a minor revolution in biomedical research (ORWH 1999). Earlier in the twentieth century, females (human and non-human) were rarely used in basic biomedical research and drug testing; since 1993, the inclusion of a representative mix of females in clinical trials has been secured by U.S. federal law. In addition, the NIH also launched the Women's Health Initiative, a fourteen-year \$625 million study of historically-neglected aspects of women's health, such as heart disease, breast cancer, and osteoporosis.

The EU Commission on Women in Science has moved beyond the U.S. to generalize this approach—joining women's career advancement to efforts to correcting gender bias in the substantive outcomes of research—to all areas of scientific research, not just the biomedical. In recent years, the EU has implemented a system that evaluates potential gender bias in all government-sponsored research. Gender experts in the EU are mandated to evaluate the extent to which gender considerations have been "mainstreamed," or integrated, at all levels of research from personnel considerations, to science policy, calls for proposals, contracts, and finally into the research itself, where relevant. The EU has also implemented "Gender Impact Assessment" as part of its basic research programs.

One obstacle to mainstreaming gender analysis into science is that there are few gender experts. Here is where we as teachers of history of science enter the picture. While most people agree that a student needs to learn biology or physics in order to excel in those fields, many believe that one can just "pick up an understanding of gender along the way." Understanding gender, however, requires research, development, and training, as in any other field of intellectual endeavor.

It is our job to train students in gender analytics to prepare them as future historians of science, working scientists, or science policy makers and administrators (for sample syllabi, see Rusnock, 1999). Teaching gender in science currently takes place in at least two contexts. First are specialized courses for students who are preparing to become historians of science and who intend to research and teach in this and related areas. Courses of this type have been in place for well over twenty years. The history of gender in science is a well-developed field with great materials to teach from ever-new areas for research.

A second context in which gender in science is taught is in courses designed for students who plan to continue in science-related fields. How specifically do we get first-rate historical scholarship mainstreamed into the sciences? Some years ago I directed the Women in the Sciences and Engineering (WISE) Institute at Penn State. I was shocked that the top-flight scientists on my advisory board knew little about how to analyze how gender functions in institutions and in scholarship. I wrote my 1999 *Has Feminism Changed Science?* partly to explore some of the ways this might be remedied.

Gender in science/feminist science studies/gender science studies courses tend to attract students (by now equal numbers of women and men) from the humanities and social sciences—journalism, women's studies, political science, cultural anthropology, history, etc. These students may well hold important jobs in the future as science journalists, policy makers, legislators, university administrators, gender researchers, and so forth. It is also desirable, however, to draw a good number of students from the sciences. I have taken a number of steps over the years to increase the enrollments of sciences students in my courses, making sure that my courses fulfill humanities requirements for science and engineering students, scheduling courses so they do not conflict with labs, and so forth.

All my courses on gender in science treat three interrelated levels of analysis: 1) women's participation in science; 2) gender in the culture of the sciences; and 3) gender in research results or knowledge created. The problem of underrepresentation of women in science cannot be solved without addressing gender bias in the culture of the sciences and in the knowledge produced. It is this final area—knowledge production—where, to my mind, the most important and creative research in gender studies of science is going on at the moment. It is here where real transformation in human knowledge will take place. And it is here where science students have the greatest potential to take “gender analytics” into the laboratory and mainstream these perspectives into their future work as scientists. We begin to see the fruits of our labor when scientists can report on how feminism has brought foundational revisions to theory and practice in their fields of specialization. Primatologists, for example, no longer see nonhuman primate society predominantly in terms of aggressive and territorial males. Biologists no longer (innocently) talk about fetal androgens “masculinizing” certain parts of the brain. Federal law now requires biomedical scientists to test procedures or drugs on a proper mix of females and males (see also, Schiebinger 2003, forthcoming). I devote the second half of my semester-long course to questions concerning gender in science theory and basic research.

In addition to courses that we as historians of science give that may treat the history of women and gender across many decades and many sciences, a growing number of our scientist colleagues also teach specialized courses that focus on gender analytics in their field of study. Worthy of note is a course, “Comparative Vertebrate Embryology in Social Context” taught by Anne Fausto-Sterling at Brown University. In this course, designed for biology majors and taught in the Department of Molecular and Cell Biology and Biochemistry, she mainstreams gender analysis into a broader consideration of social contexts informing and informed by her science. Scott Gilbert also teaches gender analysis in his biology course at Swarthmore College, and Rebecca Scheckler teaches a course, “Computer Science and Gender” in the Computer Science

Department at Virginia Tech, just to name a few. It is a welcome development to see a growing number of scholars grounded in gender studies working inside the sciences; this raises many new possibilities for creative collaborations between humanists and scientists.

There is still much to do in the history of gender in science. In June 2003, the EU will be hosting a meeting in Berlin to explore how gender functions in the industrial sciences, a topic that is not much developed in the U.S. There is also an urgent need to study gender in science cross culturally. While efforts are underway now to understand how historical traditions within Europe have yielded different experiences for women in the sciences (low numbers in Germany and the Netherlands, relatively high numbers in France and Italy), there is very little scholarly work on how gender functions in the sciences outside of Europe or North America. Where science is organized on a Western model in, say, China, Brazil, or India, one supposes gender dynamics are similar to those found in Europe or in the U.S. What is the picture, however, for traditional Chinese astronomy, Amazonian herbalism, or Indian forestry? Or, looking elsewhere, what role does women's traditional language in Japan play in the development of gender patterns in Japanese science today? There is so much more to know. It is an exciting time to cultivate students' thinking in this vibrant field of study.

*Londa Schiebinger is Edwin E. Sparks Professor of History of Science and Co-Director of Science, Medicine, and Technology in Culture (STMC) at Pennsylvania State University. STMC's current work on mainstreaming gender into science has been supported by the National Science Foundation under Grant No. 0114706. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author and do not necessarily reflect the views of the National Science Foundation. Portions of this essay that appeared in “European Women in Science” *Science in Context* 15(2002):473-576 are included here by kind permission of Cambridge University Press.

References

- Ebeling, H. 2001. *Frauen in Bildung and Forschung: Gender Mainstreaming*. Bonn: Bundesministerium für Bildung und Forschung.
- European Technology Assessment Network (ETAN) on Women and Science. 2000. *Science Policies in the European Union: Promoting Excellence through Mainstreaming Gender Equality*. Brussels: European Commission. This publication is available on line: ftp://ftp.cordis.lu/pub/improving/docs/g_wo_etan_en_200101.pdf.
- National Science Foundation. 2001. <http://www.nsf.gov/home/crssprgm/advance/>
- Office for Research on Women's Health. 1999. *Agenda for Research on Women's Health for the 21st Century*. Bethesda, MD: National Institutes of Health.
- Rusnock, A. (ed.) 1999. *Women, Gender, and the History of Science Syllabus Sampler*. Seattle: History of Science Society.
- Schiebinger, L. 1999. *Has Feminism Changed Science?* Cambridge: Harvard University Press.
- Schiebinger, L. (ed.) 2003, forthcoming. “Feminism Inside the Sciences.” Cluster of articles by M. Conkey on archaeology, P. Gowaty on evolutionary biology, and A. Bug on physics. *Signs: Journal of Women in Culture and Society* 28, no. 3.

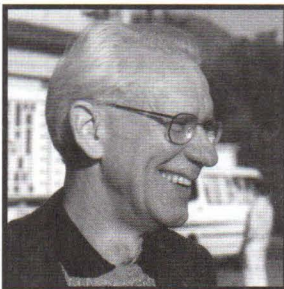
HSS COUNCIL CANDIDATES 2003

Vice President



Joan Cadden, Professor, History and Science & Technology Studies, University of California, Davis. Ph.D. Indiana University, 1971. **HSS and Professional Activities:** Council, Member (1975-78, 1995-98), *Isis*, Editorial Board (1986-89); Member and Chair: Pfizer (2000-2002), Zeitlin-Ver Brugge (1986-87), Henry & Ida Schuman (1975) prize committees;

Member: Nominating (1973, 1976, 1996), Finance (1996-98), Honors & Prizes (1996-99), Unaffiliated Scholars (1977-83) committees; Dibner Visiting Lecturer (1996-97). **Selected Publications:** *Meanings of Sex Difference in the Middle Ages* (Cambridge University Press, 1993), winner of the 1994 Pfizer Prize; "Trouble in the Earthly Paradise: The Regime of Nature in Late Medieval Christian Culture," forthcoming in *The Moral Authority of Nature*, ed. Lorraine Daston and Fernando Vidal (University of Chicago Press); "Nothing Natural Is Shameful": Vestiges of a Debate about Sex and Science in a Group of Late Medieval Manuscripts," *Speculum* 76 (2001): 66-89; "Charles V, Nicole Oresme, and Christine de Pizan: Unities and Uses of Knowledge in Fourteenth-Century France," in *Texts and Contexts in Ancient and Medieval Science*, ed. Edith Sylla and Michael McVaugh, pp. 208-244 (Brill, 1997).



M. Norton Wise, Professor, Department of History, UCLA. Ph.D., Princeton University, 1977. **HSS and Professional Activities:** Council, Member (1999-2001); Derek Price Award Committee (1991-1994), Chair (1993-94); *Isis*, Advisory Editor (1991-94); HSS Annual Meetings, Paper Presenter, Chair, and Commentator (many years). **Selected Publications:**

Energy and Empire: A Biographical Study of Lord Kelvin, co-authored with Crosbie Smith (Cambridge University Press, 1989), winner of the 1990 Pfizer Prize; "Work and Waste: Political Economy and Natural Philosophy in 19th C. Britain. Parts I, II, and III," with the collaboration of Crosbie Smith, *History of Science*, 27 (1989), 263-301, 391-449; 28 (1990), 221-261. "Pascual Jordan: Quantum Mechanics, Psychology, National Socialism," in M. Walker and M. Renneberg, eds., *Science, Technology, and National Socialism* (Cambridge University Press, 1994), 224-254. *The Values of Precision*, editor (Princeton University Press, 1995). "Architectures for Steam," in *The Architecture of Science*, Peter Galison and Emily Thompson, eds (MIT Press, 1999), pp. 107-140. "Time Discovered and Time Gendered in Victorian Science and Culture," in B. Clarke and L. Henderson, eds, *Energy to Information: Representation in Science, Art, and Literature* (Stanford University Press, 2002), 39-58. *Growing Explanations: Historical Perspectives on Recent Science*, editor (forthcoming, 2003); presently completing *Bourgeois Berlin and Laboratory Science*.

Council



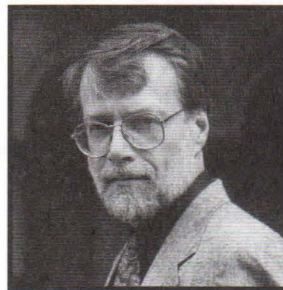
Peter Dear, Professor of History and of Science & Technology Studies, Cornell University. Ph.D., Princeton University, 1984. **HSS and Professional Activities:** *Isis*, Associate Editor - book reviews (1994-96); *Isis* advisory board (current); chair, nominating committee (1995); HSS Annual Meetings, Session Organizer (1987), Presenter, Chair and

Commentator (various years). **Selected Publications:** *Mersenne and the Learning of the Schools* (Cornell U.P., 1988); *Discipline and Experience: The Mathematical Way in the Scientific Revolution* (U. of Chicago Press, 1995), winner of the Ludwik Fleck Prize of the Society for Social Studies of Science, 1998; "A Mechanical Microcosm: Bodily Passions, Good Manners, and Cartesian Mechanism," in Christopher Lawrence and Steven Shapin (eds.), *Science Incarnate: Historical Embodiments of Natural Knowledge* (Chicago: University of Chicago Press, 1998), pp.51-82; "Method in the Study of Nature," in Daniel Garber and Michael Ayers (eds.), *The Cambridge History of Seventeenth-Century Philosophy* (Cambridge University Press, 1998), pp.147-177; *Revolutionizing the Sciences: European Knowledge and its Ambitions, 1500-1700* (Princeton U.P., 2001), winner of the Watson Davis and Helen Miles Davis Prize, 2002.



Bruce Hevly, Associate Professor, Department of History, University of Washington. Ph.D., Johns Hopkins, 1987. **HSS and Professional Activities:** Annual Meeting, Program Co-Chair (1995); NASA Aerospace History Fellowship, HSS Representative. **Selected Publications:** *Big Science: The Growth of Large-Scale Research* (editor, with Peter

Galison); *The Atomic West* (editor, with John M. Findlay); "The Heroic Science of Glacier Motion," *Osiris* 11 (1996): 66-86. Other scholarship and interests: history of physics, particularly terrestrial physics; history of technology; science-technology relationships.



David A. Hollinger, Preston Hotchkis Professor of History at the University of California, Berkeley. Ph.D., University of California, Berkeley, 1970. **HSS and Professional Activities:** Committee on Publications, Member; *Isis* Advisory Board, Member; Nominating Committee, Member; HSS Distinguished Lecturer; George Sarton Lecturer. **Selected Publications:**

Morris R. Cohen and the Scientific Ideal (MIT Press, 1975); *In the American Province* (Indiana University Press, 1985); *Science, Jews, and Secular Culture* (Princeton University Press, 1996); *Postethnic*

America (Basic Books, 2nd edition, expanded, 2000); *The American Intellectual Tradition* (co-edited with Charles Capper, Oxford University Press, 4th edition, 2001); "Money and Academic Freedom Fifty Years After McCarthyism: Universities Amid the Force Fields of Capital," in P. G. Hollingsworth, ed., *Unfettered Expression* (University of Michigan Press, 2000), 161-184; and other recent articles (since 1997) in *Philosophical Studies*, *Diacritics*, *Journal of American History*, *Constellations*, *Daedalus*, *The Historian*, *Aleph*, *Hannover Shriften*, *Church History*, *Academe*, *Responsive Community*, *The Cambridge Companion to William James*, and *The Cambridge History of Science*.



Bruce J. Hunt, Associate Professor, Department of History, University of Texas at Austin. Ph.D., Johns Hopkins University, 1984. **HSS and Professional Activities:** Committee on Publications, Member (2001–present); Committee on Meetings and Programs, Member (1999–2001), Chair (2000–2001); Pfizer Award Committee, Member (1998–2000), Chair (2000);

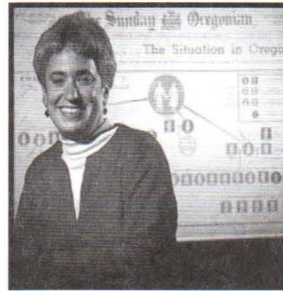
Nominating Committee, Member (1996); Committee on the Dibner Visiting Historians of Science Program, Member (1994–97); winner of the Schuman Prize (1980). **Selected Publications:** *The Maxwellians* (Cornell University Press, 1991); "Electrical Theory and Practice in the Nineteenth Century," in Volume V., *Modern Physical and Mathematical Sciences*, edited by Mary Jo Nye, of *The Cambridge History of Science* (Cambridge University Press, 2003), edited by David C. Lindberg and Ronald L. Numbers; "Doing Science in a Global Empire: Cable Telegraphy and Victorian Physics," in Bernard Lightman (ed.), *Victorian Science in Context* (University of Chicago Press, 1997), pp. 312–33; "Scientists, Engineers and Wildman Whitehouse: Measurement and Credibility in Early Cable Telegraphy," *British Journal for the History of Science* 29 (1996): 155–70; "The Ohm is Where the Art Is: British Telegraph Engineers and the Development of Electrical Standards," *Osiris* 9 (1994): 48–63; "Michael Faraday, Cable Telegraphy, and the Rise of British Field Theory," *History of Technology* 13 (1991): 1–19; "'Practice vs. Theory': The British Electrical Debate, 1888–1891," *Isis* 74 (1983): 341–55.



Naomi Oreskes, Associate Professor, Department of History and the Program in Science Studies, University of California, San Diego. Ph.D., Stanford, 1990. **HSS and Professional Activities:** NSF Young Investigator Award (1994); Consultant, U.S. Environmental Protection Agency and the U.S. Nuclear Waste Technical Review Board; HSS Annual Meetings,

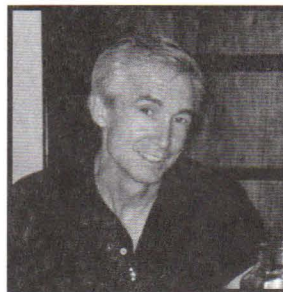
Paper Presenter, Session Organizer (various years); **Selected Publications:** "Verification, Validation, and Confirmation of Numerical Models in the Earth Sciences," *Science* 263 (1994): 641–646; "Objectivity or Heroism: On the Invisibility of Women in Science," *Osiris* 11 (1996): 87–133; *The Rejection of Continental Drift: Theory and Method in American Earth Science* (Oxford

University Press, 1999); and with Homer Le Grand, *Plate Tectonics: An Insider's History of the Modern Theory of the Earth* (Westview Press, 2001).



Diane B. Paul, Professor of Political Science and Director, Program in Science, Technology, and Values, University of Massachusetts Boston. Ph.D., Brandeis University, 1975. **HSS and Professional Activities:** HSS Annual Meetings, Session Organizer (1985, 1990); Paper Presenter (1985, 1990, 1992, 1993, 1994, 1998); Employment Survey Report for HSS

Women's Committee (1993); *Mendel Newsletter*, Editorial Board (1991–1992, 2001–present), Editor (1992–2000); *Journal of the History of Biology*, Editorial Board (1999–2002), Associate Editor (2002–present). **Selected Publications:** *Controlling Human Heredity: 1865 to the Present* (Humanity Press, 1995); *The Politics of Heredity: Essays on Eugenics, Biomedicine, and the Nature-Nurture Debate* (SUNY Press, 1998); co-editor with Costas Krimbas, Rama Singh, and John Beatty, *Thinking about Evolution: Historical, Philosophical, and Political Perspectives* (Cambridge University Press, 2001); "The Failure of a Scientific Critique: David Heron, Karl Pearson, and Mendelian Eugenics," *British Journal for the History of Science* 31 (1998): 441–452 (co-authored with Hamish Spencer); "From Reproductive Responsibility to Reproductive Autonomy," in *Mutating Concepts, Evolving Disciplines: Genetics, Medicine, and Society*, Lisa S. Parker and Rachel A. Ankeny, eds. (Kluwer Academic Publishers, 2002), 87–108; "Darwin, Social Darwinism, and Eugenics," in *The Cambridge Companion to Darwin*, Jonathan Hodge and Gregory Radick, eds. (Cambridge University Press, in press).



Robert J. Richards, Professor of History, Philosophy, and Psychology, and Director of the Fishbein Center for the History of Science and Medicine, University of Chicago. Ph.D., History of Science, University of Chicago, 1978.

HSS Activities: *Isis* Advisory Board, Member. **Selected Publications:** *Darwin and the Emergence of Evolutionary Theories of Mind and Behavior* (1987), winner of the 1988 Pfizer Prize; *The Meaning of Evolution* (1992); and *The Romantic Conception of Life: Science and Philosophy in the Age of Goethe* (2002).



Lisa Rosner, Professor, History, Richard Stockton College of New Jersey; Ph.D., History of Science, Johns Hopkins University, 1985. **HSS and Professional Activities:** Directory of Women in the History of Science, Medicine, and Technology, Co-Editor (1991); Committee of Education,

continued on p. 8

Committee Member and Chair (1998-2001); Hazen Prize Committee, Member (2001-present). **Selected Publications:** *Medical Education in the Age of Improvement: Edinburgh Students and Apprentices 1760-1828* (1991); *The Most Beautiful Man in Existence: The Scandalous Life of Alexander Lesassier*, (1999); co-author with John Theibault, *A Short History of Europe 1600-1815*, (2000); consulting editor, *Chronologies of Science*, (2002). Current research: universities and academies of science in the Enlightenment.



Andrea A. Rusnock, Assistant Professor of History, Department of History, University of Rhode Island. Ph.D., Princeton University, 1990. **HSS and Professional Activities:** Henry and Ida Schuman Prize Committee, Member (1999-2001), Chair (2002); Women's Caucus, Co-Chair (1997-1999); *Women, Gender, and the History of Science Syllabus Sampler*, Co-Chair: solicited,

collected, and edited syllabi (History of Science Society Publications, 1999); HSS Meeting, Session Organizer (1998, 1993, 1989). **Selected Publications:** *Vital Accounts: Quantifying Health and Population in Eighteenth-Century England and France* (Cambridge University Press, 2002); *The Correspondence of James Jurin (1684-1750), Physician and Secretary to the Royal Society*, edited with an introduction, notes, and calendar of correspondence (Rodopi, 1996); "Hippocrates, Bacon, and Medical Meteorology at the Royal Society, 1700-1750," in *Reinventing Hippocrates*, ed. David Cantor (Ashgate Press, 2001), 144-161; "Biopolitics and the Mathematics of Population: Medical and Political Arithmetic in the Eighteenth Century," in *The Sciences in Enlightened Europe*, ed. William Clark, Jan Golinski, and Simon Schaffer (University of Chicago Press, 1999), 49-68; "Correspondence Networks and the Royal Society," *British Journal for the History of Science* 32 (1999): 155-69.



Alice N. Walters, Associate Professor of History, University of Massachusetts Lowell. Ph.D., University of California Berkeley, 1992. **HSS and Professional Activities:** *Isis*, Advisory Editor (2000-2002); Committee on Honors and Prizes, subcommittee on History of Women in Science Prize, Member (1997-1999), Chair (1999); Committee on Meetings and Programs, Member

(1995-1997). **Selected publications:** "Importing Science in the Early Republic: Union College's 'First Purchase' of Instruments and Books," *Rittenhouse* 16 (2002), 85-107; "Ephemeral Events: English Broadside of Early Eighteenth-Century Solar Eclipses," *History of Science* 37 (1999), 1-43; "Conversation Pieces: Science and Politeness in Eighteenth-Century England," *History of Science* 35 (1997), 121-54.

Nominating Committee at Large:



Tom Broman, Associate Professor of History of Science and History of Medicine, University of Wisconsin-Madison. **HSS and Professional Activities:** HSS Meeting - Madison, Co-Chair of Local Arrangements (1991); Watson-Davis Prize Committee, Member (1998 -2000), Chair (2001). **Selected Publications:** *The Transformation of German*

Academic Medicine, 1750-1820 (Cambridge University Press, 1996); the author of nearly a dozen articles in journals such as *History of Science* and *The Journal of Modern History*; Co-editor with Lynn Nyhart, "Science and Civil Society," *Osiris* 17 (2002); "Introduction: Science and Civil Society," *Osiris* 17 (2002).



Judith Goodstein, University Archivist and Faculty Associate in History, California Institute of Technology; Ph.D., University of Washington, 1969. **HSS and Professional Activities:** Watson Davis and Helen Miles Davis Prize, Committee (2001- 2002), Chair (2003); Development Committee, Chair (2001-present); History of Science Council, Member (1986-1988); Pfizer

Prize Committee, Member (1985-1986); Schuman Prize Committee, Chair (1974). **Selected Publications:** "Un medico in prima linea," with Carlotta Scaramuzzi, *Sapere*, October (2002): 51-63; "A Conversation with Franco Rasetti," in *Physics in Perspective* 3 (2001): 271-313; *Millikan's School: A History of the California Institute of Technology* (W.W. Norton, 1991).



Mott Greene, John Magee Professor of Science and Values, and Co-Director, Program in Science, Technology and Society, University of Puget Sound. Ph.D., University of Washington, 1978. **HSS and Professional Activities:** Council, Member (1995-1998); Task Force Overseeing the Professionalization of the Society's Executive Office; George Sarton

Lecturer (1997), *Isis* and *Osiris*, Advisory Editor (1993-1998); *Johns Hopkins Introductory Studies in the History of Science*, Series Editor (with Sharon Kingsland); Editor, *Earth Science History*, 1993-1998. **Selected Publications:** *Geology in the Nineteenth Century* (Cornell University Press, 1982); *Natural Knowledge in Preclassical Antiquity* (Johns Hopkins University Press, 1992); "What Cannot be Said in Science," *Nature* 388 (1997): 619-620; "Alfred Wegener and the Origin of Lunar Craters," *Earth Sciences History* 17 (1998): 111-138; "Archival versus Canned History," *Earth Sciences History* 18 (1999): 336-343; *Alfred Wegener and The Origins of Modern Earth Science in the Theory of Continental Drift* (Johns Hopkins University Press, forthcoming 2004); Current research: the history of climate modeling.

**PLEASE VOTE:
THE ELECTION BALLOT APPEARS ON P. 2**



Susan E. Lederer, Associate Professor, Section of the History of Medicine, Yale University School of Medicine, Department of History, Yale University. Ph.D., University of Wisconsin, Madison, 1987. **HSS and Professional Activities:** *Isis*, Advisory Editor (1999-2002); Forum for the History of Science in America, Coordinating Committee, Prize Committee (1998-1999). **Selected**

Publications: *Frankenstein: Penetrating the Secrets of Nature* (New Brunswick: Rutgers University Press, 2002); *Subjected to Science: Human Experimentation in America Before the Second World War* (Baltimore: Johns Hopkins University Press, 1995); "'Porto Ricochet': Joking about Germs, Cancer, and Race Extermination in the 1930s," *American Literary History* 14 (2002): 720-746; "Hippocrates American Style: Representing Professional Morality in Early Twentieth-Century America," in *Reinventing Hippocrates*, ed. David Cantor (Ashgate, 2002), 239-56; "The Tuskegee Syphilis Study in the Context of American Medical Research," in *Tuskegee's "Truths": Rethinking the Tuskegee Syphilis Study*, ed. Susan Reverby (University of North Carolina Press, 2000), 266-275; and "Political Animals: The Shaping of Biomedical Research Literature in Twentieth-Century America," *Isis* 83 (1992): 61-79.



Pam Mack, Associate Professor, History of Technology and Science, Clemson University; Ph.D., University of Pennsylvania, 1983. **HSS and Professional Activities:** Committee on Women, Co-Chair (1990-1991, 2001-2002); Council, Member (1991-1992, 1998-2000); Treasurer (1993 - 1996); Finance Committee, Member (1997-present). **Selected Publications:** "What

Difference Has Feminism Made to Engineering in the Twentieth Century," in *Feminism in Twentieth Century Science, Technology and Medicine*, edited by Angela N. H. Creager, Elizabeth Lunbeck, Catharine R. Stimpson, and Londa Schiebinger (University of Chicago Press, 2001); with Gail Delicio, "The Authority of Experience: Assessing the Use of Information Technology in the Classroom," *The Journal of Electronic Publishing* 6, Issue 1 (Fall 2000): <http://www.press.umich.edu/jep/06-01/mack.html>; Editor, *From Engineering Science to Big Science: The NACA/NASA Collier Trophy Research Project Winners*, NASA SP-4219, (Government Printing Office, 1998); *Viewing the Earth: The Social Construction of the Landsat Satellite System* (MIT Press, 1990).



Londa Schiebinger, Edwin E. Sparks Professor of the History of Science, Department of History, and Co-Director, Science, Medicine, and Technology in Culture, Pennsylvania State University. Ph.D., Harvard University, 1984. **HSS and Professional Activities:** Women's Committee, Co-Chair (1993-95); History of Women in Science Prize

Committee, Member (2003-05); *Science*, Board of Advisors, Book Reviews (2001-present); Dibner Historian of Science (1994-1995). **Selected Publications:** *Has Feminism Changed Science?* (Harvard University Press, 1999); *Nature's Body: Gender in the Making of Modern Science* (Beacon Press, 1993), winner of the 1995 Ludwik Fleck Book Prize, Society for Social Studies of Science; *The Mind Has No Sex? Women in the Origins of Modern Science* (Harvard University Press, 1989); "Why Mammals are Called Mammals: Gender Politics in Eighteenth-Century Natural History," *American Historical Review* 98 (1993): 382-411, winner of the 1994 History of Women in Science Prize; "Maria Winkelmann and the Berlin Academy: A Turning Point for Women in Science," *Isis* 78 (1987): 174-200; co-editor with Angela Creager and Elizabeth Lunbeck, *Feminism in Twentieth-Century Science, Technology, and Medicine* (University of Chicago Press, 2001); section editor, *Oxford Companion to the Body* (Oxford University Press, 2001); editor, *Feminism and the Body* (Oxford University Press, 2000).

Nominating Committee from Council:



Michael A. Osborne, Associate Professor, Departments of History and Environmental Studies, University of California, Santa Barbara. Ph.D., University of Wisconsin, Madison, 1987. **HSS and Professional Activities:** HSS Annual Meetings, Session Organizer (1989), Paper Presenter (1984, 1986, 1989, 2001), Session Chair (2000, 2001); Committee

on the History of Women in Science, Member (1992-1994), Chair (1994-1995). **Selected Publications:** co-author, "Constructions and Functions of Race in Nineteenth Century French Military Medicine" in ed. Tyler Stovall, Sue Peabody, *Race in France: A History* (Duke University Press, in press); "Médecine navale" in ed. Dominique Lecourt, *Dictionnaire d'histoire et philosophie de la médecine* (Presses Universitaires de France, in press); "Acclimatizing the World: A History of the Paradigmatic Colonial Science," *Osiris* 15 (2000): 135-151; "The Geographical Imperative in Nineteenth Century French Medicine," *Medical History* 20 (2000, suppl.): 31-50; co-editor and contributor, special issue, "The Social History of Science," *Science, Technology & Society* 4 (1999): 159-378; *Nature, the Exotic, and the Science of French Colonialism* (Indiana University Press, 1994).



Katharine Park, Zemurray Stone Radcliffe Professor of the History of Science and Women's Studies, Harvard University; Ph.D., Harvard University, 1981. **HSS and Professional Activities:** Council, Member (1991-93, 2002-04); Committee on Research and the Profession, Member (1991-93); Nominating Committee, Chair (1991); Nominating Committee, Member (1997).

Selected Publications: *Doctors and Medicine in Early Renaissance*

continued on p. 10

Florence (Princeton University Press, 1985); with Lorraine J. Daston, *Wonders and the Order of Nature, 1150-1750* (Zone Books, 1998), winner of the 1999 Pfizer Prize; "The Criminal and the Sainly Body: Autopsy and Dissection in Renaissance Italy," *Renaissance Quarterly* 47 (1994): 1-33; "Magic and Medicine: The Healing Arts," in Judith C. Brown and Robert C. Davis, eds., *Gender and Society in Renaissance Italy* (Addison Wesley Longman, 1998): 129-49; "Was There a Renaissance Body?" in Allen J. Grieco, Michael Roche, and Fiorella Gioffredi Superbi, eds., *The Italian Renaissance in the Twentieth Century* (Florence: Olschki, 2002): 321-35 (I Tatti Studies, vol. 19).



Karen Parshall, Professor of History and Mathematics, University of Virginia. Ph.D., University of Chicago, 1982. **HSS and Professional Activities:** HSS Council, Member (2001-2004); HSS Committee on Education, Member (2002-2004); Committee on Meetings and Programs, Member (1999-2001); HSS Annual Meeting, Program Co-Chair for the

Atlanta meeting (1996); Schuman Prize Committee, Member (1989-1991), Chair (1991); Session Organizer (1994, 1992, 1987). **Selected Publications:** With David E. Rowe, *The Emergence of the American Mathematical Research Community, 1876-1900: J. J. Sylvester, E. H. Moore, and Felix Klein* (American Mathematical Society and London Mathematical Society, 1994); with Paul Theerman, *Experiencing Nature* (Kluwer Academic Publishers, 1997); *James Joseph Sylvester: Life and Work in Letters* (Clarendon Press, 1998); with Adrian C. Rice, *Mathematics Unbound: The Evolution of an International Mathematical Research Community, 1800-1945* (American Mathematical Society and London Mathematical Society, 2002); "Varieties as Incipient Species: Darwin's Numerical Analysis," *Journal of the History of Biology* 15 (1982): 191-214; "Mathematics in National Contexts (1875-1900): An International Overview," *Proceedings of the International Congress of Mathematicians Zurich*, 2 vols. (Birkhauser, 1995): 1581-1591.



Jole Shackelford, Adjunct Assistant Professor, Program for the History of Medicine, University of Minnesota. Ph.D., University of Wisconsin, 1989. **HSS and Professional Activities:** HSS Council, Member (2003-2005); *Isis*, Advisory Editor (1998-2000); Subcommittee on Independent Scholars, Member (1995-97); Executive Council of the Society for

the Advancement of Scandinavian Studies, Member (1998-2001). **Selected Publications:** "Providence, Power, and Cosmic Causality in Early Modern Astronomy: The Case of Tycho Brahe and Petrus Severinus," in *Tycho Brahe and Prague: Crossroads of European Science*, ed. J. R. Christianson, et al. (Frankfurt am Main: Harri Deutch Verlag, 2002): 46-69; "The Chemical Hippocrates: Paracelsian and Hippocratic Theory in Petrus Severinus Medical Philosophy," in *Reinventing Hippocrates*, ed. David Cantor (Ashgate, 2002): 59-88; "Documenting the Factual and the Artifactual: Ole Worm and Public Knowledge," *Endeavour* 23 (1999): 65-71.

NEWS AND INQUIRIES

NASA is pleased to announce a new historical book project entitled "Access to Space: The Evolution of an Idea and Technology." Full details are available at <http://prod.nais.nasa.gov/cgi-bin/eps/sol.cgi?acqid=103561> on the Web and a more brief description of the project is below.

The goal of this research project is to produce a roughly 500-page manuscript history of the views of scientists, engineers, policymakers, enthusiasts, and the general public regarding the various methods conceivable and available to put humans and payloads into space.

This work will present a conceptually challenging analysis of the manner in which humanity has thought about the methodologies of reaching Earth orbit (focusing on the twentieth century). It will describe the process of technological innovation that has led to the development of chemical rocket launch vehicles that presently exist, and will explore the debates over the use of expendable launch vehicles versus reusable rockets. It will also describe the possible other types of launch systems that have been considered such as nuclear, electromagnetic, laser, and ion propulsion technologies, in addition to hypersonic aircraft.

This project should not simply be a descriptive history of the development of various U.S. launch vehicles. Rather, it should tell a broader, analytical narrative story about why particular launch systems were chosen over others.

Greenwood Publishers seeks authors for volumes in its Greenwood Guides to Science and Religion, a major new reference series intended for school, public, and college libraries. The series will explore how spiritual traditions and natural knowledge have interacted throughout history. Each volume will include a narrative section of 70,000-80,000 words, a set of selections from primary documents, and an annotated bibliography. The volumes will be accessible to students and the lay public, but will be informed by the best and most recent scholarship. The books will begin publication in 2004 and continue through 2005.

The series is edited by Richard Olson (Harvey Mudd College), assisted by a distinguished editorial board: Owen Gingerich (Harvard University), S. Nomanul Haq (University of Pennsylvania), and Peter M. J. Hess (Independent Scholar).

For further information, please contact Professor Olson at olson@hmc.edu or rgolson@mines.edu.

The HSS Executive Office is moving to the University of Florida in the Summer of 2003. The e-mail address info@hsonline.org will remain valid. Mail sent to the History of Science Society, University of Florida, PO Box 117360, Gainesville, FL 32611 should reach us. Further information will be published in the July Newsletter and will appear on the HSS Web site (hsonline.org).

Turkington 3310

Georgia Tech's School of History, Technology & Society Re-Names Graduate Degrees

The School of History, Technology and Society (HTS) at **Georgia Tech** has changed the name of its graduate program and graduate degrees from "History of Technology" to "History and Sociology of Technology and Science," to more accurately reflect the breadth of the program and its considerable strengths in sociology and the study of science.

The Board of Regents of the University System of Georgia recently approved changing the names of the Master's and Doctoral degrees to Master of Science in History and Sociology of Technology and Science and Doctor of Philosophy with a major in History and Sociology of Technology and Science. The first students will graduate with the new degree names this spring.

"We are pleased that the name change has been approved," said Andrea Tone, professor and director of Graduate Studies, HTS. "Our graduate program is one of the best in the country, and we feel this change will help us attract even stronger students. One student has already selected the sociology track, and we expect this number to grow."

"When I became chair of the School in 2001, I realized that the School's intellectual strength in sociology and science was not readily apparent to potential students and faculty," said Willie Pearson, Jr., chair and professor, HTS. "I felt it was important to change the name in order for the program to grow the way it deserved."

For years the school's faculty was composed primarily of historians, reflecting the legacy of former school chair and professor Mel Kranzberg, founder of the Society for the History of Technology and widely regarded as the founder of the History of Technology discipline. In recent years, the school has consciously added more faculty with sociology backgrounds including such notable additions as Mary Frank Fox, gender; Willie Pearson, Jr., science and family; and Sue Rosser, women and science and women's health. Carnegie Mellon University, Massachusetts Institute of Technology, and University of Pennsylvania offer similar hybrid programs in history and sociology.

HTS launched its graduate program in 1992. The medium-sized graduate program serves approximately 21 full-time graduate students. A few of the topics that current students are researching includes the role of radio technology in the Cold War, sociology of cancer research, women in architectural space, economic development in biotechnology, and history of the printing industry.

More information about the School of History, Technology and Society is available online at <http://www.hts.gatech.edu>.

New Graduate Program in Humanities at York University

York University is pleased to announce a new Graduate Program in Humanities. The program is currently under review by the province and therefore is still pending approval. But there is every possibility that it will be approved in time for the program to be launched in the 2003-2004 academic year. The Graduate Program in Humanities offers advanced training leading to the M.A. and Ph.D. degrees. Drawing upon the demonstrated expertise of a wide range of faculty members within York University's Division of Humanities and related areas of study at York, the program aims to provide highly qualified students with a unique opportunity of doing specialized academic work in the diverse, cultural expressions of humanities.

The program's mandate is to produce graduates equipped to utilize the rich tools afforded by interdisciplinary scholarship in humanities, with an emphasis on three fields: Comparative Perspectives and Cultural Boundaries; Religion, Values and Culture; and Science, Technology and Culture. Participating faculty in the Science, Technology and Culture area include Steven Bailey, Jody Berland, Ernst Hamm, Martin Fichman, Bernard Lightman, Ann Shteir and Joan Steigerwald. Application materials are available at: <http://www.yorku.ca/admissio/graduate/gradprog/humanities.asp>. For more information see the Graduate Humanities Program Web site at: <http://www.yorku.ca/human/graduate/index.html>, or contact Professor Bernard Lightman (lightman@yorku.ca or 416-736-2100 ext. 22028).

Proposed New MA Program in History of Medicine

The Wellcome Trust Centre for the History of Medicine at **University College London** has announced a new Master's program. Anticipated to begin in late September 2003, the course will enable graduates to 1) understand important issues in the history of medicine; 2) obtain skills essential for work in the field; and 3) conduct independent research. It will introduce students to the history of medicine in Asia as well as the "West." Students will be able to complete the program in one year, or in two years on a part-time basis. The course is designed to be a high-level, academic qualification in its own right, but it will also serve as a preparation for students considering further research in this or related fields.

The course will have three components: the core course (in the autumn term), options (in the autumn and spring terms), and a dissertation due in mid-September. Students may also be able to take the equivalent two options in a related field or degree program offered by approved institutions in the University of London. Options include courses in the history of medicine in China and in India, medicine and literature, medicine and drugs in the 20th Century, madness and society, early modern medicine, and international health.

Candidates should normally have the equivalent of at least a good undergraduate degree. Applications are invited from candidates from all disciplines although a background in historical, scientific or medical studies may be advantageous.

Applications are due no later than 15 July 2003. Application forms may be obtained from, and initial queries should be addressed to: Adam Wilkinson, The Wellcome Trust Centre for the History of Medicine at UCL, 24 Eversholt Street, London NW1 1AD. Tel: 020 7679 8202. Fax: 020 7679 8194. Email: a.wilkinson@ucl.ac.uk.

It is anticipated that one or more Studentships for UK/EU applicants, providing a bursary and payment of home student fees may be available. Candidates should make it clear whether they wish to apply for a Studentship.

The availability of this course is subject to formal approval by UCL. A final confirmation of its approval may not occur before Easter 2003. Please visit our Web page at www.ucl.ac.uk/histmed.

Colleges, Foundations Should Support Faculty Development

(This edited article originally appeared in the Summer 2002 *Independent*, published by the Council of Independent Colleges.)

By Richard Ekman

A myth about faculty members at CIC (Council of Independent Colleges) colleges and universities is that, while they are effective and dedicated teachers, they are not productive scholars. On some campuses, the strong emphasis on teaching does overshadow scholarly work, but the myth may explain why many faculty members do not submit applications to major fellowship competitions; and in the headquarters of the fellowship competitions, it offers a handy explanation for why most awards are to faculty members at research universities.

An opportunity to test this misconception arose recently when CIC announced a new seminar, cosponsored by the Gilder Lehrman Institute of American History. All CIC chief academic officers were encouraged to nominate historians to a seminar at Columbia University on the historiography of slavery, led by David Brion Davis, the retired Yale professor who is perhaps the world expert on the subject. For those accepted, all expenses of participation were covered.

The nomination process allowed deans to put forth candidates on the multiple grounds of scholarly promise, teaching, and institutional service. We received 79 nominations from CIC colleges and 32 were accepted.

More than 80 percent of the deans and/or nominees said that they hoped the seminar experience would lead to strengthened teaching. One-third said they hoped to use what they learned to develop

new courses or special campus programs. About a third (36 percent) said they hoped the seminar would advance their own research or writing.

In addition to enhanced teaching as the main reason for wishing to participate, a large number of those nominated also listed impressive records as scholars. Sixteen of 22 full professor nominees have published a book. Thirteen have more than 1 book, and 12 publish an article on average at least once a year. Of the associate professors, more than half have published a book.

The individuals in the nominee pool have not been very well supported with grants and fellowships. Only 12 of the 39 full and associate professors appear to have received multiple awards of external support throughout their careers. Only 7 out of 39 nominated professors and associate professors mentioned any kind of special institutional support.

How representative is this group of nominees of all faculty members at smaller institutions? My view is that it is reasonably representative. The procedures and selection criteria for this seminar would not have skewed the pool by leading many potential nominees to conclude it was not worth the trouble to apply or that they could not be competitive. American history is taught at every American college. The typical history department in a small college has only one or two U.S. historians on the faculty and they are routinely expected to teach a wide array of subjects. Teaching loads are heavy and opportunities for sabbaticals, travel, and

research support are few. Only some colleges are located near major libraries and archives.

Several lessons are suggested by this quick analysis. The first is that teaching and research, far from being opposites, tend to be mutually reinforcing in the lives of many faculty members. According to the nominators, many of the individuals were notable in both arenas.

The second is that colleges should try to support faculty development because it does produce results in both scholarly achievement and in fulfillment of such institutional objectives as improved teaching and program development.

The third is that foundations, government agencies, and fellowship organizations should recognize that excellent work is being done by a large number of faculty members at institutions that do not offer much financial support for faculty members' scholarly or curricular projects. And if the Ph.D. "glut" of the past generation has led many superbly prepared Ph.D.s to accept jobs in institutions that cannot offer much support, more support will likely make these faculty members even more effective teachers, leaders of major programs and curriculum development, and producers of high-quality scholarship. At least a few would surely produce work that is equal to the work of former graduate-school colleagues who have had the benefit over the years of frequent institutional and external support.

Derek Price Prize Renamed

The History of Science Society recently received a generous gift from Marjorie (Madge) Webster, in honor of her late husband, Roderick Webster. Many HSS members may not know that the Websters, who were curators of the History of Astronomy Collection at the Adler Museum in Chicago, gave a large subvention in 1988 for the *Isis* prize, which was then called the Zeitlen-Ver Brugge Prize. The renamed Derek Price Prize, in recognition of Derek John de Solla Price, continued to honor exemplary articles appearing in *Isis*. Articles published during the three-year period prior to each award are nominated automatically, and the prize is awarded each year by a three-member prize committee. With this latest gift, the prize has been renamed the Derek Price/Rod Webster Prize and, as before, will recognize superior scholarship in *Isis*. We are grateful to Ms. Webster for her support.

In Memoriam: Robert K. Merton

Robert K. Merton has died after an extended illness. Merton was author of *Science, Technology and Society in Seventeenth-Century England* (1938/1970), *Social Theory and Social Structure* (1949/1968), *On the Shoulders of Giants* (1965), *On Theoretical Sociology* (1967), and *The Sociology of Science* (1973), as well as other signal works in the sociology of science.

The Evolution of Hssonline.org

The HSS Executive Office has added many new features to the Society's Web site. Over the last few months, hssonline.org has become more searchable. The site features over 800 static html pages that can now be explored through a site map, an alphabetic index, and a site-specific search engine provided by Google. Follow the "Site Map + Index" link off the main page to use these features. Hssonline.org also uses online databases to manage dynamic content like the *Guide to the History of Science*. The more popular parts of the site are the job/fellowship listings, conference announcements, and the news of the profession. These have recently been loaded into an online database and integrated into the *Guide*. Users can now smoothly navigate, for instance, from a conference's call for papers, to a description of the department hosting that conference, to an announcement of a job opening at that university. It is also possible to run keyword searches through nearly all postings dating back to mid-2001.

Hssonline.org is also becoming increasingly interactive. Web-based surveys enable the Society to better understand members' needs. Two surveys are currently being conducted. The first asks how people use the *Guide*; the Executive Office would greatly appreciate members taking a moment to complete the questionnaire at <http://www.hssonline.org/guide/survey.lasso>. The second survey polls users of the Web site generally. It appears automatically when the main page is loaded, and should not reappear after it has been completed. To date, the response to this survey has been excellent and it will help the HSS enhance service to our members and the public.

The Web site is now capable of handling more financial transactions. Using the site's 128-bit secure connection, you can donate to the Society or order HSS publications. (The office is also running a major sale on publications prior to moving to the University of Florida. Save 50-75%!) Another recent addition to the site can be found at <http://www.hssonline.org/books>. The titles in the "Isis Books Received" pages are now linked to Amazon.com, enabling users to find reviews and pricing information regarding new volumes in the history of science. In addition, the HSS receives 5-15% of each purchase made on Amazon.com that originates from our links. Make your book purchases online and benefit the HSS.

HBCU Initiative

The History of Science Society, with support from the Dibner Fund, has begun an exciting venture with a number of Historically Black Colleges and Universities. The goal in this initiative is to listen to representatives of the HBCUs and learn how we can introduce the history of science into these schools. To accomplish this aim, the HSS sponsored a workshop this past fall that brought together historians of science and faculty and administrators from Morehouse, Bowie State, Morgan State, Spelman, Xavier, Howard, and Florida A&M. Under the direction of Keith Benson (NSF) and Evelyn Hammonds (Harvard) the participants covered a wide range of topics and possibilities. The attendees agreed that there is a critical need at HBCUs for curricula in the social studies of science and technology. These schools produce a disproportionately large number of students with baccalaureate degrees in science and students who enter the political and public sector in the United States. Yet, there is no well-developed program or comprehensive curricular offerings in the social studies of science and technology in any of these institutions.

The History of Science Society intends to play a pivotal role in helping the HBCUs develop a presence in the history of science. All of the recommendations and conclusions from the two-day planning workshop were embraced by the participants, and we look forward to the many positive effects this association will bring. The History of Science Society would like to express its appreciation to the Dibner Fund for providing the financial resources to begin this important program, and to Keith Benson and Evelyn Hammonds for the time, enthusiasm, and dedication they have given this project.

Complete Run of *Isis* to be Available Online

April 2003 promises to be a big month for *Isis*. The University of Chicago Press (UCP) plans to activate access control on the *Isis* Web site (<http://www.journals.uchicago.edu/Isis/home.html>) at some point during the month, which will allow individual subscribers to view the electronic edition of the journal, hosted by UCP, as well as back issues of both *Isis* and *Osiris*, archived by JSTOR. UCP will be authenticating each member's/subscriber's access for *Isis* and

that authentication will then be passed on seamlessly to JSTOR. To coincide with access control being turned on the UCP marketing department will send an e-mail message to all HSS members, explaining how access control works and informing them of their user name and password (UCP will assign user names and passwords). Regular mail letters will go out to those who do not have an e-mail address registered with UCP. Members who have problems should contact UCP by clicking the "help with access" button on the page (Note: Members will need to access JSTOR through the UCP site).

During the open-access period that began in December 2002, there was a five-year gap between current issues and issues archived at JSTOR. After April 2003, however, JSTOR is authorized to digitize print issues to close that gap, so that individual subscribers will be able to view the entire run of the journal. Accordingly, JSTOR will release issues of *Isis* through Vol. 92, #4 (Dec. 2001) to close the gap with the current issues online at UCP.

Once that gap is closed, JSTOR will not add any new issues to their archive until five years have passed, at which time they will begin to add an additional volume each year so as to create a five-year moving wall. Readers should recognize that there are now two formats for *Isis*: the print edition and the electronic edition. The print edition, the one that JSTOR will digitize, is the "traditional" *Isis*, the format that has been used since the first issue was published in 1913. The electronic format, which first appeared in March 2002, v. 93, no. 1, features some notable departures from the print version. For example, some articles in the electronic version may contain supplemental material, such as a video clip, that, obviously, will not appear in the print edition and will not be available on the JSTOR site. All back issues in the electronic format will remain available on the UCP site.

Members are encouraged to visit the *Isis* site (there is a link off of the HSS homepage, hssonline.org) to view the electronic format of *Isis*. The site features a search capability of the electronic *Isis*, and it is hoped that RLG will be able to establish links to bibliographic citations in the HST database that will take readers to the *Isis* articles housed at both UCP and JSTOR.

National Coalition for History Washington Update

(by Bruce Craig)

(Editor's Note: This past January, the National Coordinating Committee for the Promotion of History changed its name to the National Coalition for History. The NCH functions as a "central educational/advocacy outreach office for history and archives organization"; it is an important voice for the historical and archival professions on Capitol Hill. The HSS Newsletter will periodically reproduce updates provided by the NCH's director, Bruce Craig.)

The Library of Congress has received approval from the U.S. Congress to spend nearly \$100 million on a program that seeks national solutions to ensure the collection, long-term storage, preservation, and rights protection of the nation's digital heritage. Unveiled on 14 February 2003, the "Plan for the National Digital Information Infrastructure and Preservation Program" (NDIIPP), enables the Library to launch the initial phase of the program. With the release of congressional funds, the Library will now develop the details of the plan and begin to implement the next phase of NDIIPP.

In December 2000, Congress directed the Library to set forth a strategy "in collaboration with other federal and nonfederal entities, to identify a national network of libraries and other organizations with responsibilities for collecting digital materials that will provide access to and maintain those materials." The long-term goal is to build a network of committed partners working through a preservation architecture of defined roles and responsibilities.

The challenge of preserving digital information is vexing. Some statistics: as of January 2002, there were more than 550 billion public pages on the World-wide Web, and that number grows by 7 million pages a day. The average life-span of a Web site is 44 days and 44 percent of the Web sites available in 1998 disappeared by 1999.

The complete text of the "Plan for the National Digital Information Infrastructure and Preservation Program" is available at: <http://www.digitalpreservation.gov>. Here readers will find an explanation of how the plan was developed, who the Library worked with to develop it, and the key components of the digital preservation infrastructure.

NATIONAL ARCHIVES AAD SYSTEM NOW OPERATIONAL

On 12 February 2003, the National Archives and Records Administration (NARA) released the "Access to Archival Databases (AAD) System" to the public. AAD provides researchers with online access to over 50 million historical electronic records organized in over 350 databases that were created by some 20 Federal agencies. The long-term plan calls for the program to be expanded to over 500 databases.

The AAD System is the first publicly accessible application developed under the auspices of the Electronic Records Archives (ERA) Program. The ERA program seeks to address the challenges of preserving and increasing the variety and volume of government records that have been created and stored in electronic form.

AAD enables researchers to search, retrieve, print out, and download records. Researchers will need to determine in advance the series and file units of interest before initiating their research. To access the System, tap into: <http://www.archives.gov/aad/>.

Special Collections Institutes at the University of Illinois

The Graduate School of Library and Information Science and the Rare Book and Special Collections Library at the **University of Illinois at Urbana-Champaign** will be offering four short courses on topics in special collections during the summer of 2003. The Special Collections Institutes will offer four special programs of interest to library and information professionals, book lovers, and teachers. Courses include:

1) Special Collections in the Sciences, May 19-23, 2003 with Robin Rider, Associate Director for Collection Development, Management, and Preservation for the General Library System, University of Wisconsin-Madison.

2) Library Fundraising, June 10-12, 2003 with Victoria Steele, Head of Special Collections, University of California, Los Angeles.

3) Teaching Using Primary Source Material, July 14-18, 2003, with Barbara Jones, Head of the Rare Book and Special Collections Library, University of Illinois at Urbana-Champaign.

4) History of the Book, August 4-8, 2003, with Sidney Berger, faculty at Simmons College and recent Director of the California Center for the Book.

For registration and logistic information, contact: Conferences and Institutes University of Illinois at Urbana-Champaign, 302 East John Street, Suite 202, Champaign, IL 61820; tel: 217-333-2880 or toll free 877-455-2687; email: wolffl@uiuc.edu.

For program information visit: <http://www.continuinged.uiuc.edu/conferences>. Or contact: Marianne Steadley, Graduate School of Library and Information Science; tel: 217-244-2751, email: steadley@uiuc.edu.

Grad Students in Cambridge

Thanks to two separate funds—the Boyer and Helman funds—established by long-time supporters of the History of Science Society, and the generosity of John C. Greene, our 2002 Sarton Medal Winner, the HSS will provide a subvention for graduate students to stay at the Hyatt Regency, Cambridge, the conference hotel for 2003. Graduate students will be able to book rooms at less than half the conference rate. Due to space limitations, we can only reserve 20 rooms for students. When making reservations, please identify yourself as a graduate student.

HSS Announces Winner of Hotel Drawing

To boost attendance at the 2002 annual meeting's Sunday-morning sessions, the HSS collected the names of session attendees and held a drawing for three free nights at the 2003 conference hotel in Cambridge, Mass. Under the watchful eyes of the Society's Executive Director, the intelligent and beautiful Olivia Malone (4 years old) chose the winner. He is Robert Goulding of Princeton. Our congratulations to Dr. Goulding and our thanks to all of you Sunday-morning delegates.

AWARDS, HONORS, AND APPOINTMENTS

James R. Fleming (Science, Technology and Society, Colby College) has been named the seventh William E. and Mary B. Ritter Fellow at the Scripps Institution of Oceanography in La Jolla. The fellowship was established by Mr. and Mrs. Robert L. Cody to encourage study of the history of the marine sciences.

Robert J. Malone (History of Science Society) was confirmed by the HSS council for another 5 year term as the Executive Director of the HSS.

Nancy Nersessian has been elected Chair of the Cognitive Science Society. She will serve 2002-3 as Chair-elect and 2003-4 as Chair. The Cognitive Science Society brings together researchers from many fields who hold a common goal of understanding the nature of cognition. The Society promotes scientific interchange among researchers in disciplines constituting the field of Cognitive Science, including Artificial Intelligence, Linguistics, Psychology, Philosophy, Neuroscience, Anthropology, Sociology, and Learning Sciences. The Society has approximately 1200 members, and the annual conference draws over 500 participants.

Stephen Pyne, a professor in the Biology and Society Program at Arizona State University, and a specialist in the history of

exploration, gave the 2003 George Sarton Memorial Lecture at the American Association for the Advancement of Science meeting this past February. His talk, "The Future of Exploration" was a historical survey of geographic exploration in Western civilization. That chronicle, he explained, is divided into three periods, separated by geographic emphases, cultural contexts, and geopolitical rivalries. The future is likely to return to the past, in particular, it may well resemble the 16th and 17th centuries, with a relatively small but steady number of expeditions launched and a tenuous connection to the larger culture. The Sarton Lecture has been a fixture at the AAAS annual meetings since 1960. Past Sarton Lecturers include Stephen Jay Gould, Roy Porter, Thomas Kuhn, and Jane Maienschein. For a complete list of lecturers, please visit the HSS Web site at hssonline.org.



Stephen Pyne, Arizona State University

The Dudley Observatory announces that the winner of the 2003 Herbert C. Pollock Award for the history of astronomy is **Dr. Bradley E. Schaefer** of the University of Texas. The award, named in honor of the late physicist and President of the Dudley Observatory, Herbert C. Pollock, supports innovative projects in the history of astronomy and astrophysics. This year's award of \$5000 support's Dr. Schaefer's work on "Precise Latitude and Date for the Constellation Lore in Aratus's Phaenomena." The Dudley Observatory, one of the nation's oldest independent supporters of astronomy education and research, is located in Schenectady, New York. (<http://www.dudleyobservatory.org>).

William R. Shea, who is currently Professor of History of Science at the University of Strasbourg, has been appointed to the "Galileo Chair of the History of Science" at the University of Padua, Italy. He will take up his appointment in the autumn of 2003 and will head a research group on Galileo.

Carlos Eduardo Sierra, of Medellín, has been selected to appear in Marquis' *Who's Who*, the leading biographical reference publisher of the highest achievers and contributors from around the world. Sierra will be profiled in the 2003 edition of *Who's Who in the World*.

THE HSS IS HAVING A MOVING SALE – ALL PUBLICATIONS ARE \$5 US

Publications Now Available from the HSS Executive Office

Name: _____ Address: _____
 City: _____ State: _____ ZIP: _____
 Email: _____ Phone: _____ Fax: _____

Current Publications

- _____ copy/copies of *An Introduction to the History of Science in Non-Western Traditions* (\$5 US/Canada; \$5 other addresses).
- _____ copy/copies of *History of Science Syllabus Sampler* (\$5 US/Canada; \$5 other addresses).
- _____ copy/copies of *History of Science Syllabus Sampler II* (\$5 US/Canada; \$5 other addresses).
- _____ copy/copies of *Topical Essays for Teachers* (\$5 US/Canada; \$5 other addresses).
- _____ copy/copies of *Women, Gender, and the History of Science Syllabus Samplers* (\$5 US/Canada; \$5 other addresses).

Total: \$ _____ Visa or MasterCard #: _____ ID #: _____ * exp.: _____

Signature: _____

*Credit card orders must now include the card id number which appears on the back of Visa, MC, and Discover cards, and on the front of AmEx cards.

My payment in US funds is attached: _____

Please make check or money order payable (in US dollars) to the History of Science Society. Please send to the following address: HSS Executive Office, Box 351330, University of Washington, Seattle, WA 98195-1330; tel: 206-543-9366; fax: 206-685-9544.

Pauline R. Yu Named as President of the ACLS

Dean **Pauline R. Yu** of the University of California, Los Angeles, will become the sixth president of the American Council of Learned Societies in the summer of 2003.

Yu has been a member of the ACLS Board of Directors since 1998 and is currently Dean of Humanities in the College of Letters and Science and Professor of East Asian Languages and Cultures at UCLA. Before becoming Dean at UCLA in 1994, Professor Yu taught at the University of California, Irvine, where she was Professor and Founding Chair of the Department of East Asian Languages and Literatures. Between 1986 and 1989, she was Professor of East Asian Languages and Cultures at Columbia University, having joined that faculty as an Associate Professor in 1985. She earlier held appointments as an Assistant Professor (1976-1980) and Associate Professor (1980-1985) in Humanities and East Asian Studies at the University of Minnesota. She was a Visiting Assistant Professor at Stanford University in 1978.

Professor Yu completed her undergraduate study in Modern European History and Literature at Harvard University, receiving a B.A. magna cum laude in 1971. While an undergraduate, she spent one year at the Freie Universitaet in (West) Berlin. She did graduate work at Stanford University, where she earned an M.A. in 1973, and a Ph.D. in 1976, both in Comparative Literature.

She is a member of five of the constituent societies of ACLS - the Modern Language Association, the Association for Asian Studies, the American Comparative Literature Association, the American Oriental Society, and the American Academy of Arts and Sciences - and has served on the councils or national committees of each.

In addition to serving on the ACLS Board of Directors, Professor Yu is a Trustee of the National Humanities Center, a member of the Advisory Board of the Council for International Exchange of Scholars, and a member of the Task Force on the Humanities of the Association of American Universities. Professor Yu has three children: Emily, Matthew, and Alexander Hutters.

Professor Yu succeeds John H. D'Arms, who died in January 2002. After the death of President D'Arms, the ACLS Board appointed Francis Oakley, President Emeritus of Williams College and a former Chair of the ACLS Board, as Interim President until a national search could identify a permanent successor.

The members of the Search Committee were Sandra T. Barnes, a member of the ACLS Board of Directors and Professor of Anthropology at the University of Pennsylvania, and Neil L. Rudenstine, President Emeritus of Harvard University, who served as Co-Chairs, Anne Betteridge, Director of the Center for Middle Eastern Studies at the University of Arizona, and former Executive Director of the Middle East Studies Association and former member of the ACLS Conference of Administrative Officers, Marshall Cohen, Professor of Philosophy and Law, University of Southern California, Nancy S. Dye, President of Oberlin College, and Theodore Ziolkowski, Professor of English at Princeton University.

The American Council of Learned Societies is the pre-eminent private humanities organization in the United States. A non-profit organization founded in 1919, it is a federation of 66 national learned societies in the humanities and social sciences. The purpose of the Council, as set forth in its constitution, is "the advancement of humanistic studies in all fields of learning in the humanities and social sciences and the maintenance and strengthening of relations among national societies devoted to such studies." The History of Science Society joined the ACLS in 1927. The Council will award more than \$5 million in fellowships in 2003. The ACLS draws together learned societies, affiliates, and college and university associates for consideration of shared concerns, particularly those related to maintaining and improving conditions for scholarship, education and communication among scholars in the humanities. Further information: <http://www.acls.org>.

JOBS

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

The Department of Medical History and Bioethics at the **University of Wisconsin-Madison** announces an opening for one person to teach two undergraduate level courses in the history of medicine in the fall semester of 2003: "Society and Health Care in American History" and "The Development of Public Health in America." Preferred applicants will have a Ph.D. in the history of American Medicine. Salary commensurate with experience. Send resumé and a cover letter to Ronald L. Numbers, 1432 Medical Sciences Center, 1300 University Avenue, Madison, Wisconsin 53706-1532 by 15 May 2003. Additional information may be found at www.ohr.wisc.edu/pvl/ohrpv_xr_12_post.html, PVL No. 43536.



Please see page 19 for the description of a post-doctoral position at the **University of Florida**.



A Florida Opportunity

The Executive Office of the History of Science Society has an opening for an individual to help with Society administration. This full-time position in Gainesville, Florida (on the campus of the University of Florida) will begin in July 2003. We need a mature individual with computer skills (Mac experience preferred) and who feels comfortable with databases (FileMaker Pro), word processing, static and dynamic coding with DreamWeaver and Lasso and Web site maintenance. We will also consider individuals who wish to develop these skills. We are particularly interested in someone with a degree in the history of science.

This job offers the possibility of being hired through the University of Florida, making this person eligible for University benefits such as pension plans, health insurance, access to exercise facilities, and more. Gainesville is located in north-central Florida, about 2 hours from Orlando. It has been recognized as one of the most livable communities in the United States and features numerous opportunities for education and recreation. For further information please contact Jay Malone, Executive Director, History of Science Society, Box 351330, University of Washington, Seattle, WA, 98195-1330 USA. Phone 206.543.9366; jay@hssonline.org. The HSS is an equal-opportunity employer.

GRANTS, FELLOWSHIPS, AND PRIZES

The following announcements have been edited for space. For full descriptions and for the latest announcements, please visit our Web site (<http://www.hssonline.org>). The Society does not assume responsibility for the accuracy of any item, and potential applicants should verify all details, especially closing dates, with the organization or foundation of interest. Those who wish to publish a grant, fellowship or prize announcement should send an electronic version of the posting to newsletter@hssonline.org.

Andrew W. Mellon Foundation Research Fellowships for US-Based Scholars at the Needham Research Institute, Cambridge

The **Needham Research Institute (NRI)**, home of the Science and Civilisation in China Project, provides scholars with excellent facilities for research into the history of science, technology and medicine in East Asia.

Funds granted by the Andrew W. Mellon Foundation make it possible for the NRI to offer a number of one-semester fellowships (including the "Summer semester") tenable at the Institute for US-based scholars and researchers working within the broad field of the history of science, technology and medicine in East Asia. Applications are now invited for the first awards, which are tenable as soon as possible. Applications must include cv and a description of the work that will be done during the period of the fellowship, together with two letters of recommendation from qualified persons. The project description should indicate why it would be particularly helpful for the researcher to be able to work at the NRI. Applications may be made with a view to taking up fellowships at a later date: informal advance inquiries by email are encouraged.

The remit of these fellowships is intended to be as wide as is necessary to maximize the contribution they can make to the development of what is a varied and lively field. There are some indispensable requisites, however: (1) Recipients must be engaged in research using primary materials in East Asian languages; (2) Recipients must either hold academic posts or be registered for a research degree in a U. S. university.

The fellowships will meet the costs of economy air travel to the UK, together with a grant adequate to cover living costs in Cambridge for one semester, and some support for research expenses and travel in the UK. While these fellowships are primarily intended to fund one-semester visits, under exceptional circumstances they may be held for longer periods.

The fellowships will be awarded without distinction of gender, ethnic origin or other factors irrelevant to scholarly merit. Other things being equal, preference will be given to proposals from scholars at an earlier stage of their careers, but others should not feel precluded from making applications.

Please send applications and inquiries too: The Administrator, Needham Research Institute, 8 Sylvester Road, Cambridge CB3 9AF, UK. Email: admin@nri.org.uk. Details of the NRI may be found at <http://www.nri.org.uk>.

NEH Fellowships

The next available deadline for proposals for **National Endowment for the Humanities** Fellowships is *1 May 2003*. These Fellowships support six to twelve months of individual research with stipends of \$24,000 or \$40,000 depending on the length of tenure. Eligible applicants are United States citizens and also foreign nationals who have been in residence in the United States for the three years immediately prior to the May 1, 2003 deadline.

Fellowships support individuals pursuing advanced research in the humanities that contributes to scholarly knowledge or to the general public's understanding of the humanities. Applicants may be faculty or staff members of colleges or universities, or of primary or secondary schools, or independent scholars or writers. Fellowships provide support for projects that can be completed during the tenure of the award, as well as for work that is part of a long-term endeavor. Recipients usually produce scholarly articles, monographs on specialized subjects, books on broad topics, archaeological site reports, translations, editions, or other scholarly tools.

Fellowship awards cannot be used for: studying teaching methods or theories, surveying courses and programs, preparing institutional curricula, works in the creative or performing arts—painting, writing fiction or poetry, dance performance, etc., projects that seek to promote a particular political, philosophical, religious, or ideological point of view, projects that advocate a particular program of social action,

Special Initiatives: Applicants who would like their projects to be considered under one of the following special initiatives should so indicate in the project narrative. Those responding to "We the People" should also check the box on the cover sheet.

* Humanities and Healthcare Projects exploring subjects such as the history of healthcare and public health, medical ethics, disability studies, and interdisciplinary approaches to health-related humanities topics are eligible for joint support from NEH and the Agency for Healthcare Research and Quality.

* Research in the Library of Congress Research projects in the humanities that draw on the collections of the Library of Congress (LOC) are eligible for joint support by LOC and NEH. Only applicants who qualify as junior scholars under the Fellowships guidelines are eligible for joint support.

* We the People To help Americans make sense of their history and of the world around them, NEH has launched an initiative: <http://www.wethepeople.gov/>. NEH encourages applications that explore significant events and themes in our nation's history and culture and that advance knowledge of the principles that define America. Proposals will be evaluated through NEH's established review process and will not receive special consideration.

Last year the NEH received 1161 applications for Fellowships and offered 170 Fellowships. Several of them concerned topics in history of science, technology, and medicine. A list of awards can be found on the NEH Web site: <http://www.neh.gov/news/recentawards.html>. Guidelines are available on line at <http://www.neh.gov/grants/guidelines/fellowships.html>. Questions can be addressed to fellowships@neh.gov or contact: Daniel P. Jones, Senior Program Officer, Division of Research Programs, Room 318, National Endowment for the Humanities Washington, DC 20506. Telephone: 202/606-8217. Fax: 202/606-8204. NEH Web site: <http://www.neh.gov>.

Roy Porter Memorial Studentship Announced

The Wellcome Trust Centre for the History of Medicine at **University College London** is proud to announce the establishment of the Roy Porter Memorial Studentship. This is in memory of their much-loved former colleague Roy Porter who sadly died last year.

The award will support a student registering for the Ph.D. in the History of Medicine at the Centre and will be tenable for three years. The value of the award will be circa 16,000 pounds per annum plus payment of fees at the "home rate."

Anyone wishing to be considered for this award should write to the Centre Administrator setting out a research proposal, enclosing a curriculum vita. The address for all queries is: Mr. Alan Shiel, Administrator, Wellcome Trust Centre for the History of Medicine at UCL, 24 Eversholt Street, London, NW1 1AD, UK. Email: a.shiel@ucl.ac.uk. Web site: <http://www.ucl.ac.uk/histmed>.

The Program in History of Science at the **University of Florida** offers a 3-year post-doctoral stipend from the Volkswagen Foundation for work supporting the research program "Mysticism and Modernity." Responsibilities include half-time assistance to UF faculty associated with the program and half-time devoted to independent research leading to publication on a topic consistent with the program's goals. Participation in annual conferences, to be held in Germany or Florida, is also expected (travel supported by VW separately from the stipend). Stipend is approximately \$45,000 (E 45,000) per year for three years. For a description of the research program, qualifications, and application procedures, see <http://www.clas.ufl.edu/users/fgregory/vw.html>. Applications will be reviewed beginning *1 May, 2003* and will continue until the position is filled.



THE CALIFORNIA INSTITUTE OF TECHNOLOGY ARCHIVES announces the Victor and Joy Wouk Grants-in-Aid Program in support of research in the Papers of Victor Wouk at the Caltech Archives. Wouk graduated from Caltech in 1942 with a PhD in electrical engineering and pioneered the development of electric and hybrid vehicles. Assistance up to \$2000 may be provided to applicants working towards a graduate degree or to established scholars. Applications will be reviewed quarterly on January 1, April 1, July 1, and October 1. Further information on this and other grants-in-aid may be obtained through the Archives' Web site: archives.caltech.edu or by emailing or writing: archives@caltech.edu or Archivist, Mail Code 015A-74, California Institute of Technology, Pasadena, CA 91125.

2003 Roy Porter Student Essay Prize Competition

The **Society for the Social History of Medicine (SSHM)** invites submissions to its 2003 Roy Porter Student Essay Prize Competition. This 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. It is named in honor of the late Professor Roy Porter, a great teacher and a generous scholar.

The competition is open to undergraduate and post-graduate students in full or part-time education. The winner will be awarded £500.00, and his or her entry may also be published in the journal, *Social History of Medicine*.

Further details and entry forms can be down-loaded from the SSHM's Web site <http://www.sshm.org>. Alternatively, please contact: David Cantor, Division of Cancer Prevention, National Cancer Institute, Executive Plaza North, Suite 2025, 6130 Executive Boulevard, Bethesda MD 20892-7309, U.S.A. Email: competition@sshm.org.

The deadline for entries is *31 December 2003*.

Year 2004 Laureate of the History of Anesthesia

Nominations are invited for the person to be named the **Third Wood Library-Museum Laureate of the History of Anesthesia** in the year 2004.

This Wood Library-Museum Program, established in 1994, seeks to foster recognition of the richness and importance of the history of anesthesia by recognizing the work of scholars who have made singular contributions to the field. The honor is awarded every four years by the WLM Laureate Committee.

The Laureate Program is international. Nominations for the award are sought by physicians, not just anesthesiologists, as well as medical historians. All nominations are to be received by *1 July 2003*.

Nominations offered for the 1996 or 2000 Laureate can be renewed and will be considered for the year 2004 by sending to the WLM an update of the candidate's curriculum vitae, together with updated letters of support.

Additional information regarding the Laureate Program may be obtained by contacting, by mail only, the WLM Laureate Committee at the Wood Library-Museum, 520 N. Northwest Highway, Park Ridge, Illinois 60068-2573.

THE HSS IN CAMBRIDGE

Mark you calendars for the annual meeting, which will be in Cambridge, Massachusetts 20-23 November 2003. These dates are later than we usually meet, but they have enabled us to secure rooms at the unheard of rate of \$135 (US) single/double, compared to a regular price of \$285 for a single room. It has been 10 years since we met on the East Coast of the United States, and we expect heavy attendance. Meeting details will be published in the July Newsletter and posted on the HSS Web site: hssonline.org.

FUTURE MEETINGS

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

The Istituto di Fisica Generale Applicata of the Università degli Studi di Milano and The Science Studies Group of the Universidad Nacional de Colombia has announced the **Workshop on Migrant Scientists in the Twentieth Century**, Milan (Italy), 20-22 June 2003. The workshop will focus on many questions related to the relationship among science, politics, scientific careers, disciplinary changes as a result of the mobility of scientists, the role of local contexts in the twentieth century. These workshops will facilitate informal discussion among the participants. Presenters will send in draft papers for pre-circulation among all the participants. Each session will consist of 3/4 short presentations (20 minutes maximum), followed by a comment by a specialist, allowing plenty of time for comments, criticisms and suggestions. It is expected to publish the contributions in a volume. Questions regarding the meeting should be directed to Alexis De Greiff, alde@uniandes.edu.co, and Leonardo Gariboldi, leonardo.gariboldi@unimi.it.

Ptolemy's Geography in the Renaissance – A Warburg Institute Workshop, 27-28 June 2003, London, United Kingdom. In this two-day workshop, twelve scholars from Europe, North America, and the UK will explore the broad cultural context in which Ptolemy's Geography was edited, read, and commented upon in the Renaissance. Religion, astrology, education, antiquarianism, art, and architecture— aspects which traditional interpretations of early modern geography usually neglect— will be at the foreground of the discussion. The meeting aims beyond Ptolemy and points to new ways of thinking about the discipline and practice of geography in the early modern period. Speakers include: Daniel Brownstein, Mario Carpo, Angelo Cattaneo, Lesley Cormack, Francesca Fiorani, Darin Hayton, Alfred Hiatt, Alessandro Scafi, Margaret Small, George Tolias, and Benjamin Weiss. The event is generously supported by the British Academy. Organizers: Zur Shalev (Princeton University), Prof. Charles Burnett (Warburg Institute). For more information, contact: Elizabeth Witchell, Warburg Institute, Woburn Square, London WC1H 0AB; tel.: +44 (020) 7862 8949; email: elizabeth.witchell@sas.ac.uk. Visit the Web site at <http://www.sas.ac.uk/warburg>.

Alexander Von Humboldt Conference 2003. The Instituto de Investigaciones Historicas of the Universidad Michoacana de San Nicolas de Hidalgo, located in Morelia, Michoacan, Mexico, in collaboration with the Humboldt State University of Arcata, California, will commemorate the bicentenary of Alexander von Humboldt's visit to Michoacan by celebrating the **II Alexander von Humboldt Conference**: "Travels, Travellers and Travel writing to and from Mexico, Latin America and the Caribbean, 15th to 20th Centuries." The Conference will be held in the Centro Cultural Universitario of the Universidad Michoacana de San Nicolas de Hidalgo, in the colonial city of Morelia, state of Michoacan, Mexico, from 12-16 August, 2003. Interested scholars and graduate students are invited to submit papers before April 25th, by sending an abstract of no more than 250 words in English or Spanish, indicating paper title, presenter's name, affiliation, address (mail, email, telephone, fax) and a suggestion of the Conference

panel where to include the paper. Proposals are to be sent to: Dr. Lourdes de Ita (humboldt@jupiter.umich.mx). The Conference will include four Plenary Talks and several parallel sessions of individual presentations. Only one presentation per participant will be allowed. The official languages of the Conference will be English and Spanish. There will be no simultaneous translation. Reading of the papers should not exceed 20 minutes (8 pages double spaced, 2000 words approximately). Proposals for other panels according to the general theme of the Conference are welcome. Potential panel chairs should send abstracts and details of all participants in their proposed panel. After the Conference the organizers may select some papers for publication. Notification of acceptance or rejection will be made by 16 May 2003. Information on hotels and transport to Morelia will be available shortly. For further information please contact: Dr. Lourdes de Ita, humboldt@jupiter.umich.mx.

VII International Congress on the History of Oceanography. Kaliningrad, Russia. 8-14 September 2003. Theme: "International Collaboration in the Research of the World Ocean." The official languages of the Congress are Russian and English. The Congress organizational committee is willing to offer help in obtaining Russian visas for the meeting. Kaliningrad has a direct airway connection to Warsaw (Poland). Organizers: Ministry of Culture of the Russian Federation; Ministry of Natural Resources; Ministry of Industry, Science and Technology; Administration of Kaliningrad Region; Intergovernmental Oceanographic Commission, UNESCO; Commission of Oceanography of the International Union of History and Philosophy of Science, Division of History of Science. For registration information contact: Museum of the World Ocean, Russian Federation, 236006, Kaliningrad, Naberezhnaya Petra Velikogo, 1; tel.: (+7) 0112 -436 302; fax: (+7) 0112 -340 211; email: postmaster@vitiiaz.koenig.su. Visit the Web site for more information: <http://www.vitiiaz.ru>.

The 2003 annual meeting of the **Joint Atlantic Seminar in the History of the Physical Sciences (JASHOPS)** will take place in Cambridge, MA. 19-21 September 2003. The meeting will be jointly hosted by the Program in Science, Technology, and Society at MIT and by the Department of History of Science at Harvard University. Graduate students and recent Ph.D.'s are particularly encouraged to present papers on their latest research. The meeting's theme is "Modern Physical Sciences and the State." The goal of the seminar is to review and discuss recent historiographic innovations and methodological approaches. Proposals for papers dealing with the post-Newtonian physical sciences, analyzed from different angles and perspectives, are welcomed. More time than usual will be reserved for the informal discussion of papers to encourage reflection on the significance of different methodological frameworks. The meeting and discussion will be highly informal. We expect some limited funds to reimburse travel expenses. Housing will be arranged by local participants. The deadline for submitting an abstract (of approximately 250 words) is April 30, 2003. Please include your name, address, institutional affiliation, and year of graduate study or Ph.D. completion date. Please send your proposal to: Jimena Canales, Department of History of Science, 235

Science Center, Harvard University, Cambridge, MA 02138. For more information, go to <http://www.fas.harvard.edu/~hsdept/jashops>. Or contact: Jimena Canales (jcanales@fas.harvard.edu), Debbie Coen (coen@fas.harvard.edu), Lambert Williams (lwilliam@fas.harvard.edu), or Rebecca Slayton (rms@mit.edu).

30 September–4 October 2003. The **XXII Scientific Instrument Symposium** will be held at The Mariners' Museum, 100 Museum Drive, Newport News, Virginia 23606. The Symposium will have no specific theme. SIC Members are invited to organize sessions on particular themes. During the Symposium highlights from The Mariners' Museum navigational instrument collection, including a selection donated by Peter Ifland, will be on display in the Collections Gallery. Friday afternoon a visit will be made to nearby Colonial Williamsburg and include a viewing of scientific instruments and storage. On Saturday the Symposium will travel to Washington DC for a program at the National Museum of American History, Washington. This will include a visit to the collection storage areas.

The **Society for the History of Technology** will meet in Atlanta, Georgia, 16–19 October 2003. The conference will examine race and technology, regionalism and technology, technology and the city, suburbanization and sprawl, and industrialization and the New South, technology and globalism, colonialization, and transnationalism. For further information, contact: Jennifer Alexander, SHOT Program Chair, c/o Alyssa Burger, Executive Assistant, Department of Mechanical Engineering, 111 Church Street SE, University of Minnesota, Minneapolis, MN 55455; fax: 612-625-9395; email: shot2003@me.umn.edu.

Rivers in History: Designing and Conceiving Waterways in Europe and North America. A Conference at the German Historical Institute, 5–7 December 2003. The historical study of rivers can serve as a prism to refract the linkages between environment and politics, culture and technology, society and everyday life. This conference seeks to compare the findings of historians of technology, the environment, and culture whose work touches on river systems in North America and/or Europe during the early modern or modern eras. Preference will be given to proposals addressing larger issues even if engaged in local or case studies. We would like to invite speakers from both sides of the Atlantic to present their research at the German Historical Institute in Washington, D.C. Papers involving comparative issues are particularly welcome. Please send a short proposal of not more than 500 words and a brief c.v. with your postal and e-mail address no later than May 7, 2003 to both conveners. The German Historical Institute will cover participants' lodging and travel expenses. Contact: Christof Mauch, Thomas Zeller, German Historical Institute, 1607 New Hampshire Ave., NW, Washington, D.C. 20009 USA; tel.: 202-387 3355; fax: 202-483 3430; email: mauch@ghi-dc.org or zeller@ghi-dc.org.

Victoria, British Columbia, 31 March–4 April 2004. The joint conference in 2004 between the **American Society of Environmental Historians** and the **National Council on Public History** will revolve around the theme "Cultural Places and Natural Spaces: Memory, History, and Landscape." A call for poster session proposals will be released in September 2003. All proposals must include the following information: 1) A cover page, including complete mailing address, e-mail, phone number and affiliation of each participant; 2) An abstract of no more than 500 words for the session as a whole; 3) A prospectus

of no more than 250 words for each paper or presentation; 4) A two-page vita for each participant; and 5) Any requests for audio-visual equipment for the session. Individuals interested in acting as chairs or commentators are welcome to submit their names to the committee. All proposals must be submitted by e-mail to Jon Hunner, co-chair of 2004 Program Committee, at jhunner@nmsu.edu. Proposals should be attached as either a Word or Wordperfect file. 2004 Program Committee: Brian Black, Penn State University (ASEH); Chris Conte, Utah State University (ASEH); Jon Hunner, co-chair, New Mexico State University (NCPH); Nancy Langston, co-chair, University of Wisconsin (ASEH); Marla Miller, University of Massachusetts (NCPH); David Neufeld, Parks Canada (NCPH); Lise Sedrez, Stanford University (ASEH); Dan Vivian, National Park Service (NCPH).

13–16 May, 2004. Huron University College, London, Ontario, Canada. The **International Conference on Drugs and Alcohol in History (ICDAH)** will be an assembly of established researchers and new scholars examining drugs and alcohol history from a variety of historical perspectives. Themes include but are not limited to the production, regulation (including temperance movements), consumption, economics, culture and medicalization of alcohol and drugs. The geographic scope of the conference is unlimited. The conference will consist of paper presentations, panel discussions and poster sessions. The ICDAH organizers encourage graduate students and new researchers in the field to submit proposals. Funds may be available to assist the travel of international participants. Deadline for submissions is 1 August, 2003. Proposals for each paper should include an abstract of no more than 500 words, and a brief curriculum vitae. Proposals for panels, sessions, papers and posters should be sent to one of the conference co-chairs: Dr. Greg Marquis, History and Politics Dept., University of New Brunswick, P.O. Box 5050, Saint John, NB, Canada E2L 4L5, ph: (506) 648-5600, gmarquis@unbsj.ca; AND Dr. Dan Malleck, Community Health Sciences, Brock University, 500 Glenridge Ave, St. Catharines, Ontario, Canada L2S 3A1, ph: (905) 688-5550 ext 3106, dan.malleck@brocku.ca.

International Commission on History of Meteorology (ICHM). "From Beaufort to Bjerknes and Beyond: Critical Perspectives on Observing, Analyzing and Predicting Weather and Climate." 5–9 July 2004, Polling Monastery, Weilheim, Germany. The year 2004 marks the anniversary of a number of important developments in atmospheric and marine sciences, including the wind force scale of Admiral Francis Beaufort (1804), the founding of the British Met Office (1854), publication of the paper "Weather forecasting as a problem in mechanics and physics" by Vilhelm Bjerknes (1904), and the establishment of operational numerical weather prediction (1954). Proposals for critical, historically-informed papers and sessions on understanding, predicting, and controlling weather and climate may be sent to any member of the program committee: Cornelia Lüdecke: C.Luedecke@lrz.uni-muenchen.de, Jim Fleming: jrflemin@colby.edu, Tsukahara Togo: eug@cs.cla.kobe-u.ac.jp, or Vladimir Jankovic: vladimir.jankovic@man.ac.uk. The conference will be held in the baroque-style former monastery of Polling, an idyllic village close to Weilheim. Questions regarding local arrangements should be sent to Cornelia Lüdecke: C.Luedecke@lrz.uni-muenchen.de or Hans Volkert: Hans.Volkert@dlr.de. The conference is sponsored by the International Commission on History of Meteorology (ICHM), which is seeking co-sponsors interested in supporting student travel and other needs, or in hosting a reception or exhibition. Check <http://www.meteohistory.org> for conference updates.

ISIS BOOKS RECEIVED

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

- Qaderns d'Historia de l'Enginyeria: 150 anos d'enginyeria industrial*. Vol. V. ix + 415pp. Illus., figs., tables., bibl. Barcelona: Escola Tecnica Superior d'Enginyeria Industrial de Barcelona, 2003. \$20.00 (paper) per copy. \$15.00 in subscription. ISBN#: 1135-934X.
- Aveni, Anthony.** *Behind the Crystal Ball: Magic, Science, and the Occult from Antiquity through the New Age*. Revised Edition. xvii + 361 pp. Illus., bibl., index. Boulder: University Press of Colorado, 2002. \$24.95 (paper). ISBN#: 0-87081-671-3.
- Aveni, Anthony.** *Conversing with the Planets: How Science and Myth Invented the Cosmos*. Revised edition. xiv + 243 pp. Illus., bibl., index. Boulder: University Press of Colorado, 2002. \$21.95 (paper). ISBN#: 0-87081-673-X.
- Ball, Phillip.** *The Ingredients: A Guided Tour of the Elements*. xii + 216 pp. Bibl., index. Oxford/New York: The Oxford University Press, Oxford, 2002. \$22.00 (cloth). ISBN#: 0-19-284100-9.
- Behnegar, Nasser.** *Leo Strauss, Max Weber, and the Scientific Study of Politics*. xiii + 221 pp. Bibl., index. Chicago: The University of Chicago Press, 2003. \$30.00 (cloth), \$21.00 (cloth). ISBN#: 0-226-04142-5.
- Bell, Millicent.** *Shakespeare's Tragic Skepticism*. xvii + 283 pp. Bibl. New Haven/London: Yale University Press, 2003. \$26.00 (cloth). ISBN#: 0-300-09255-5.
- Blay, Michel.** *L'homme sans repos: L'homme moderne s'est vu*. L'inspiration Philosophique series. 157 pp. Illus. Paris: Armand Colin, 2002. ISBN#: 2-200-26183-7.
- Bonner, Thomas Neville.** *Iconoclast: Abraham Flexner and a Life in Learning*. 432 pp. Frontis., illus., index. Baltimore: Johns Hopkins University Press, 2002. \$36.00 (cloth). ISBN#: 0-8018-7124-7.
- Bridgman, P. W.** *A Sophisticated's Primer of Relativity*. Introduction by Arthur I. Miller. xlviii + 172 pp. Middletown/Mineola, Wesleyan University Press, Middletown, CT, 1962; Dover Publications, Mineola, NY, 2003. ISBN#: 0-486-42549-5.
- Broelmann, Jobst.** *Intuition und Wissenschaft in der Kreiselschule*. 435 pp. Deutsches Museum, 2002. ISBN#: 3-924183-87-2.
- Bruno, Giordano.** *The Cabala of Pegasus*. Translated and Annotated by Sondergard, Sidney L.; Sowell, Madison U. xlix + 203 pp. Bibl., index. New Haven/London: The Yale University Press, 2002. \$40.00 (cloth). ISBN#: 0-300-09127-2.
- Bueno, Antonio Gonzalez; Blanco, Alberto Gomis.** *Los Naturalistas Espanoles en el Africa Hispana (1860-1936)*. Serie Historica. xxi + 425 pp. Illus., figs., bibl., index. Madrid: Edita Organismo Autonomo Parques Nacionales, 2001. ISBN#: 84-8014-348-7.
- Burger, William C.** *Perfect Planet, Clever Species: How Unique Are We?* 345 pp. Bibl., index. Amherst: Prometheus Books; Amherst, New York, 2003 \$29.00 (cloth). ISBN#: 1-59102-016-6.
- Campion, Nick (ed.).** *Culture and Cosmos: A Journal of the History of Astrology and Cultural Astronomy*. Vol. 6 (1). Spring/Summer 2002. 80 pp. Bibl., table. Bristol: Culture and Cosmos, 2002. \$17 for individual subscribers and \$26 for institutions. ISBN#: 1368-6534.
- Carter, K. Codell.** *The Rise of Causal Concepts of Disease: Case Histories (The History of Medicine in Context)*. ix + 237 pp. Bibl., index. Ashgate publishing limited, 2003. \$99.95 (cloth). ISBN#: 0-7546-0678-3.
- Carter, Ruth C.; Frusciano, Thomas J. (eds.).** *Journal of Archival Organization*. Vol. 1 (1). 103 pp. Figs. Binghamton: The Haworth Press, Inc., 2002. ISBN#: 1533-2748.
- Charles, Daniel.** *Lords of the Harvest: Biotech, Big Money, and the Future of Food*. xix + 348 pp. Illus., figs., index. Perseus Publishing, 2003. \$17.50 (paper). ISBN#: 0-7382-0773.
- Ciardi, Marco.** *Atlantide: Una controversia scientifica da Colombo a Darwin*. 235pp. Illus., bibl., index. Roma: Carocci editor, 2002. ISBN#: 88-430-2430-2.
- Cobb, Cathy.** *Magick, Mayhem, and Mavericks: The Spirited History of Physical Chemistry*. 420 pp. Illus., index. Amherst, NY: Prometheus Books, 2002. \$29.00 (cloth). ISBN#: 1-57392-976-X.
- Coelho, Ricardo Lopes.** *Zur Konzeption der Kraft der Mechanik*. 231 pp. Figs. Bibl. Muenster/New York/Muenchen/Berlin: Waxmann Verlag GmbH, 2001. \$50.00 (paper). ISBN#: 3-8309-1011-8.
- Cooper, William S.** *The Evolution of Reason: Logic as a Branch of Biology*. Cambridge Studies in Philosophy and Biology. x + 226 pp. Figs., bibl., index. Cambridge: Cambridge University Press, 2002. \$55.00 (cloth). ISBN#: 0-524-79196-0.
- Crane, Kathleen.** *Sea Legs: Tales of a Woman Oceanographer*. x + 320 pp. Illus., figs., tables, index. Cambridge: Westview Press, 2003. \$27.50 (cloth). ISBN#: 0-8133-4004-7.
- Davies, Kevin.** *Cracking the Genome: Inside the Race to Unlock Human DNA*. xx + 327 pp. Index. Baltimore: Johns Hopkins University Press, 2002. \$17.95 (paper). ISBN#: 0-8018-7140-9.
- Diaz-Fajardo, Montse.** *La teoria de la trepidacion en un astronomo marroquo del siglo xv: estudio y edicion critica del kita al-adwae fi tasyi al-anwa (parte primera) de Abu Abd Alla al-Baqqar*. 109 pp. Bibl. Barcelona, 2001. ISBN#: 35466-2002.
- Dick, Stephen J.** *Sky and Ocean Joined: The U.S. Naval Observatory 1830-2000*. xiv + 609 pp. Bibl., index. Cambridge: Cambridge University Press, 2003. ISBN#: 0-521-81599.
- Doern, G. Bruce; Levesque, Richard.** *The National Research Council in the Innovation Policy Era: Changing Hierarchies, Networks, and Markets*. x + 179 pp. Bibl., index. Toronto: University of Toronto Press, 2002. ISBN#: 0-8020-3536-1.
- Edenborg, Carl-Michael.** *Alkemins Skam: Den Alkemiska Traditionens Utstetning ur Offentligheten*. 318 pp. App., Bibl. Stockholm: Caudex, 2002. ISBN#: 91-973696-3-2.
- Fara, Patricia.** *Newton: The Making of a Genius*. xvi + 347 pp. Illus., bibl., index. New York: Columbia University Press, 2003. \$27.95 (cloth). ISBN#: 0-231-12806-1.
- Feingold, Mordechai (ed.).** *Jesuit Science and the Republic of Letters*. x + 520 pp. Illus., bibl. Dordrecht/Boston/London: Kluwer Academic Publishers, Dordrecht, 2003. ISBN#: 1-4020-0848-1.
- Ferngren, Gary B.** *Science and Religion: A Historical Introduction*. viii + 401 pp. Bibl., index. Baltimore/London: The Johns Hopkins University Press; Baltimore, 2002. ISBN#: 0-8018-7038-0.
- Forbes, Eric, G; Murdin, Lesley; Willmoth, Frances (eds.).** *The Correspondence of John Flamsteed, First Astronomer Royal*. Vol 2. xlvii + 1095 pp. Frontis., illus., tables, app., bibl., index. Published in 1997. Bristol/Philadelphia: Institute of Physics Publishing, 1997. \$299.00 (cloth). ISBN#: 0-7503-0391-3.
- Forbes, Eric, G; Murdin, Lesley; Willmoth, Frances (eds.).** *The Correspondence of John Flamsteed, First Astronomer Royal*. Vol. 1. xlix + 955 pp. Illus., figs., tables., app., bibl., index. Published in 1995. Bristol/Philadelphia: Institute of Physics Publishing, 1995. \$299.00 (cloth). ISBN#: 0-7503-0147-3.
- Gamper, Rodolf; Hofmeier, Thomas.** *Das Alchemiehandbuch des Appenzeller Wundarzes Ulrich Ruosch*. 158 pp. Illus., figs., bibl., index. Muttenz: Schwabe & Co. AG, 2002. \$33.50 (cloth). ISBN#: 3-7965-1975-x.
- Garber, Stephen J. (ed.).** *Looking Backward, Looking Forward: Forty Years of U.S. Human Spaceflight Symposium*. The NASA History Series. NASA SP-2002-4107. Introduction by John M. Logsdon. vi + 247 pp. Illus. Washington: NASA, 2002. \$17.00 (paper). ISBN#: 0-16-067595-2.
- Garcia-Ballester, Luis.** *Galen and Galenism: Theory and Medical Practice From Antiquity to the European Renaissance*. Edited by Jon Arrizabalaga, Montserrat Cabru, Luis Cifuentes, Fernando Salmon. Variorum Collected Studies Series. Csh710. xii + 320 pp. Fig., bibl., index. Brookfield: Ashgate, 2002. \$105.95 (cloth). ISBN#: 0-86078-846-6.
- Gauch, Hugh G., Jr.** *Scientific Method in Practice*. x + 435 pp. Illus., bibl., index. Cambridge/New York: The Cambridge University Press, 2003. \$40.00 (paper). ISBN#: 0-521-01708-4.
- Giacalone, Joseph A.; Cobb, Clifford (eds.).** *The Path to Justice: Following in the Footsteps of Henry George*. Foreword by Joseph A. Giacalone. Studies in Economics Reform and Social Justice. xvi + 248 pp. Bibl., index. Blackwell Publishing, 2001. \$68.95 (cloth). ISBN#: 0-631-230246.
- Giberson, Karl W.; Yerxa, Donald A.** *Species of Origins: America's Search for a Creation Story*. x + 277 pp. Bibl., index. Lanham/Boulder/New York/Oxford: Rowman and Littlefield Publishers, Inc., Oxford, 2002. \$24.95 (paper) ISBN#: 0-7425-0764-5.
- Gill, Jerry H.** *Native American Worldviews: An Introduction*. 293 pp. Bibl., index. New York: Humanity Books, an Imprint of Prometheus Books, 2002. \$25.00 (paper). ISBN#: 1-59102-051-4.
- Gilly, Carlos; van Heertum, Cis (eds.).** *Magic, Alchemy and Science 15th-18th centuries*. Vol. 12. 334 pp. Illus., figs., table, bibl., index., Venezia/Amsterdam: Centro Di, 2002. ISBN#: 88-7038-385-7.
- Gilly, Carlos; van Heertum, Cis (eds.).** *Magic, Alchemy and Science 15th-18th Centuries: The Influence of Hermes Trismegistus*. Vol 1. 588 pp. Illus., figs., bibl. Venezia/Amsterdam: Centro Di, 2002. ISBN#: 88-7038-359-8.
- Goffen, Rona.** *Renaissance Rivals: Michelangelo, Leonardo, Raphael, Titian*. viii + 521 pp. Frontis., illus., bibl., index. New Haven/London: Yale University Press, 2002. \$39.95 (cloth). ISBN#: 0-300-09434-5.

Goodall, Jane R. *Performance and Evolution in the Age of Darwin: Out of the Natural Order*. 256 pp. Illus., bibl., index. New York: Routledge Publishers, 2002. \$26.95 (paper). ISBN#: 0-415-24377-7.

Guarente, Lenny. *Ageless Quest: One Scientist's Search for Genes that Prolong Youth*. x + 170 pp. Illus., index. Cold Spring Harbor: Cold Spring Harbor Laboratory Press, 2003. \$19.95 (cloth). ISBN#: 0-87969-652-4.

Hamilton, Carolyn; Harris, Verne; Taylor, Jane; Pickover, Michele; Reid, Graeme; Saleh, Razia (eds.). *Refiguring the Archive*. 368 pp. Illus., figs., Bibl. Notes, index. Dordrecht/Boston/London: Kluwer Academic Publishers, 2002. \$98.00 (cloth). ISBN#: 1-4020-0743-4.

Harpur, Patrick. *The Philosophers' Secret Fire: A History of the Imagination*. xi + 323 pp. Bibl., index. Chicago: Ivan R. Dee, 2003. \$27.50 (cloth). ISBN#: 1-56663-485-7.

Heller, Genevieve; Jeanmonod, Gilles; Gasser, Jacques. *Rejeties, rebelles, mal adaptees*. Collaboration de Jean-Francois Dumoulin. Bibliotheque D'histoire de la Medecine et de la sante. vii + 480 pp. Illus., figs., bibl., index. Chene-Bourg/Geneve: Georg Editeur, 2002. ISBN#: 2-8257-0807-0.

Hinsley, Curtis M.; Wilcox, David R. *The Lost Itinerary of Frank Hamilton Cushing*. The Southwest Center Series. ix + 349 pp. Illus., bibl., index. Tucson: University of Arizona Press, 2002. \$50.00 (cloth). ISBN#: 0-8165-2269-3.

Hoffmann, Peter. *Tomorrow's Energy: Hydrogen, Fuel Cells, and the Prospects for a Cleaner Planet*. Foreword by Senator Tom Harkin. x + 301 pp. Illus., bibl., index. Cambridge/London: The MIT Press, Cambridge 2001. \$16.95 ISBN#: 0-262-08295-0.

Hughes, Jason. *Learning to Smoke: Tobacco Use in the West*. xiii + 201 pp. Table, bibl., index. Chicago/London: The University of Chicago Press, 2003. \$27.00 (cloth), \$19.00. ISBN#: 0-226-35910-7.

James, Frank A. J. L. (ed.). *The Common Purposes of Life: Science and Society at the Royal Institution of Great Britain*. xvi + 456 pp. Illus., figs., app., bibl., index. Hants: Ashgate, 2002. \$99.95 ISBN#: 0-7546-0960.

Jenkins, Dominick. *The Final Frontier: America, Science, and Terror*. viii + 312 pp. Illus., index. London: Verso, 2002. \$25.00 (cloth). ISBN#: 1-85984-682-3.

Jones, Susan D. *Valuing Animals: Veterinarians and Their Patients in Modern America*. xii + 213 pp. Illus., figs., bibl., index., Baltimore/London: The Johns Hopkins University Press, 2003. \$45.00 (cloth). ISBN#: 0-8018-7129-8.

Josephson, Paul R. *Industrialized Nature: Brute Force Technology and the Transformation of the Natural World*. vii + 313 pp. Illus., index. Washington, DC: Island Press, 2002. \$25.00 (cloth). ISBN#: 1-55963-777-3.

Jowitt, Claire; Watt, Diane (eds.). *The Arts of 17th-Century Science: Representations of the Natural World in European and North American Culture*. xiv + 270 pp. Illus., bibl., index. Burlington, VT: Ashgate, 2002. \$84.95 (cloth). ISBN#: 0-7546-0417-9.

Klein, Ursula. *Experiments, Models, Paper Tools: Cultures of Organic Chemistry in the Nineteenth Century*. Writing science. xi + 305 pp. Illus., figs., bibl., index. Palo Alto: Stanford University Press, 2003. \$65.00 (cloth). ISBN#: 0-8047-4359-2.

Kouremenos, Theokritos. *The Proportions in Aristotle's Phys. 7.5*. Palingenesia Band 76. 132 pp. Bibl., index., Stuttgart: Franz Steiner Verlag, 2002. Gebunden \$30.00 (cloth). ISBN#: 3-515-08178-x.

Kuhn, Thomas S. *The Road Since Structure: Philosophical Essays, 1970-1993, with an Autobiographical Interview*. viii + 328 pp. Bibl.

Chicago/London: University of Chicago Press, 2000. \$18.00 (paper) ISBN#: 0-2264-5798-2.

Lambright, W. Henry (ed.). *Space Policy in the 21st Century*. xi + 283 pp. Bibl., index. Baltimore/London: Johns Hopkins University Press, 2003. ISBN#: 0-8018-7068-2.

Levere, Trevor; Turner, Gerard. *Discussing Chemistry and Steam: The Minutes of a Coffee House Philosophical Society 1780-1787*. viii + 284 pp. Frontis., bibl., index. Oxford/New York: Oxford University Press, New York, 2002. ISBN#: 019-851530-8.

Linnaeus, Carolus. *Nemesis Divina*. Translated by Eric Miller. xlii + 149 pp. Index. Lanham/New York/Oxford: University Press of America, Inc., 2002. \$31.00 (paper). ISBN#: 0-7618-2394-8.

Magnello, Eileen; Hardy, Anne (eds.). *The Road to Medical Statistics*. Clio Medica 67; The Wellcome Series in the History of Medicine. xi + 155 pp. Index. Amsterdam/New York: Editions Rodopi B.V., 2002. \$25.00 (paper). ISBN#: 90-420-1597-7.

Magueijo, Joao. *Faster than the Speed of Light: The Story of a Scientific Speculation*. vi + 279 pp. Illus., figs., index. Perseus Publishing, 2003. \$26.00 (cloth). ISBN#: 0-7382-0525-7.

Mallesson, Andrew. *Whiplash and Other Useful Illnesses*. vii + 527 pp. Illus., tables, apps., bibl., index. Montreal: McGill-Queen's University Press, 2002. \$34.95 (cloth). ISBN#: 0773523332.

Marshall, Alan. *The Unity of Nature: Wholeness and Disintegration in Ecology and Science*. viii + 280 pp. Bibl., index. Singapore/London: Imperial College Press, Singapore, 2002. ISBN#: 1-26094-330-6.

McCartney, Mark; Whitaker, Andrew (ed.). *Physicists of Ireland: Passion and Precision*. xiv + 298 pp. Illus., figs., index. Bristol/Philadelphia: Institute of Physics Publishing, 2003. \$58.00 (cloth). ISBN#: 0-7503-0866-4.

McElheny, Victor K. *Watson and DNA: Making a Scientific Revolution*. xiv + 365 pp. Illus., index. Cambridge: Perseus Publishing, 2003. \$27.50 (cloth). ISBN#: 0-7382-0341-6.

Merchant, Carolyn. *Reinventing Eden: The Fate and Nature in Western Culture*. xii + 292 pp. Bibl., index. New York. New York/London: Routledge, 2003. ISBN#: 0-415-93164-9.

Mindell, David A. *Between Human and Machine: Feedback, Control, and Computing Before Cybernetics*. Johns Hopkins Studies in the History of Technology. xiv + 439 pp. Illus., bibl., index. Baltimore: Johns Hopkins University Press, 2002. \$46.00 (cloth). ISBN#: 0-8018-6895-5.

Monforte, Guillermo Lusa (ed.). *Inquietudes Y Reformas de Cambio de Siglo: El proyecto de nueva escuela industrial (1899-1910)*. Documentos de la escuela de ingenieros industriales de barcelona Numero 12. 191 pp. Illus. Barcelona: escola tecnica superior d'enginyeria industrial de barcelona, 2002. ISBN#: 1137-0238.

Monge, Fernando. *En la Costa De la Niebla: el paisaje Y el discurso etnografico ilustrado de la expedicion malaspina en el coleccion tierra nueva e cielo nueve 44*. 238 pp. Bibl. Madrid: CSIS, 2002. ISBN#: 84-00-08019-X.

Montgomery, Scott L. *The Chicago Guide to Communicating Science*. xi + 228 pp. Figs., tables, bibl., index. Chicago/London: The University of Chicago Press, 2003. \$15.00 (paper). ISBN#: 0-226-53485-5.

Moss, Laurence S. (ed.). *City and Country*. x + 429 pp. Illus., figs., tables, bibl., index. Blackwell publishers, 2001. \$33.95 (paper). ISBN#: 0-631-228853.

Newman, William R.; Principe, Lawrence M. *Alchemy Tried in the Fire: Starkey, Boyle, and the Fate of Helmontian Chymistry*. xiv + 344 pp. Illus., bibl.,

index. Chicago: University of Chicago Press, 2002. \$40.00 (cloth). ISBN#: 0-226-57711-2.

Newman, William R. *Gehennical Fire: The Lives of George Starkey, an American Alchemist in the Scientific Revolution*. xxiv + 348 pp. Illus. Chicago/London: The University of Chicago Press, 2003. \$27.75 (cloth). ISBN#: 0-226-57714-7.

Nichol, Lee (ed.). *The Essential David Bohm*. Reminiscence by H.H. The Dalai Lama. ix + 349 pp. Figs., bibl., index. London/New York: Routledge, 2003. \$22.95 (paper). ISBN#: 0-415-26174-0.

Nickles, Thomas. *Thomas Kuhn: Contemporary Philosophy in Focus*. xiv + 298 pp. Bibl., index. Cambridge/New York: The Cambridge University Press, 2003. \$58.00 (cloth). ISBN#: 0-521-79206-01.

Olson, Paul A. *The Kingdom of Science: Literary Utopianism and British Education, 1612-1870*. xiii + 375 pp. Bibl., index. Lincoln/London: University of Nebraska Press, 2003. \$65, \$49.95 (cloth). ISBN#: 0-8032-3568-2.

Overmier, Judith (ed.). *Out-Of-Print and Special Collection Materials: Acquisition and Purchasing Options*. Tables, Bibl., index. New York/London/Oxford: The Haworth Information Press, 2002. \$49.95 (paper). ISBN#: 0-7890-1683-4.

Palmer, Steven. *From Popular Medicine to Medical Populism: Doctors, Healers, and Public Power in Costa Rica, 1800-1940*. xiv + 329 pp. Bibl., index. Durham/London: Duke University Press, Durham, 2003. \$69.95 (cloth). ISBN#: 0-8223-3012-1.

Parker, Andrew. *In the Blink of an Eye*. xvi + 299 pp. Illus., figs. Cambridge: Perseus Publishing, 2003. \$27.50 (paper). ISBN#: 0-7382-0607-5.

Penny, H. Glenn. *Objects of Culture: Ethnology and Ethnographic Museums in Imperial Germany*. xii + 281 pp. Illus., bibl., index. Chapel Hill: University of North Carolina, 2002. \$24.95 (paper). ISBN#: 0-8078-5430-1.

Perlin, John. *From Space to Earth: The Story of Solar Electricity*. xvi + 224 pp. Illus., figs., index. Originally published in 1999. Cambridge/London: Harvard University Press, 2002. \$22.95 (paper). ISBN#: 0-674-01013-2.

Peters, Ted; Iqbal, Muzaffar; Haq, Syed, Nomanul (eds.). *God, Life, and the Cosmos: Christian and Islamic Perspectives*. xxii + 404 pp. Figs., index. Hants: Ashgate Publishing Limited, 2002. \$79.95 (cloth). ISBN#: 0-7546-0883-2.

Porter, Roy. *Blood and Guts: A Short History of Medicine*. 199 pp. Illus., figs., index. New York: W.W. Norton & Company, Inc., 2003. \$21.95 (cloth).

Prebble, John; Weber, Bruce. *Wandering in the Gardens of the Mind: A Biography of Peter Mitchell and Glynn*. Forward by Sir Tom Blundell. xii + 400 pp. Illus., app., index. Oxford: Oxford University Press, 2003. \$49.95 (cloth). ISBN#: 0-19-514266-7.

Principe, Lawrence; DeWitt, Lloyd. *Transmutations: Alchemy in Art*. Selected Works from the Eddleman and Fisher Collections at the Chemical Heritage Foundation. vii + 40 pp. Illus. Philadelphia: Chemical Heritage Foundation, 2002. \$25.00 (paper). ISBN#: 0-941901-32-7.

Radder, Hans (ed.). *The Philosophy of Scientific Experimentation*. xii + 311 pp. Illus., figs., table, bibl., index. Pittsburgh: University of Pittsburgh Press, 2003. \$29.95 (paper). ISBN#: 0-8229-5795-7.

Richards, Robert J. *The Romantic Conception of Life: Science and Philosophy in the Age of Goethe*. Science and Its Conceptual Foundations Series. xix + 587 pp. Frontis., illus., bibl., index. Chicago: University of Chicago Press, 2002. \$35.00 (cloth). ISBN#: 0-226-71210-9.

Richelson, Jeffrey T. *The Wizards of Langley: Inside the CIA's Directorate of Science and Technology.* 416 pp. Apps., bibl., index. Cambridge, MA: Westview Press, 2001. \$26.00 (cloth). ISBN#: 0-8133-6699-2.

Riskin, Jessica. *Science in the Age of Sensibility: The Sentimental Empiricists of the French Enlightenment.* xii + 338 pp. Illus., bibl., index. Chicago: University of Chicago Press, 2002. \$60.00 (cloth). ISBN#: 0-226-72078-0.

Ryan, Christopher K. *Harry Gunnison Brown: An Orthodox Economist and his Contributions.* Foreword by Alfred E. Kahn. The series, Studies in Economic Reform and Social Justice. xiv + 270 pp. Illus., bibl., index. Blackwell Publishing, 2002. \$34.95 (paper). ISBN#: 1-4051-0864-9.

Scharff, Robert C.; Dusek, Val (eds.). *Philosophy of Technology: The Technological Condition.* Blackwell Philosophy Anthologies. xi + 686 pp. Figs., bibl., index. Malden/Oxford/Victoria/Berlin: Blackwell publishing, 2003. \$44.95 (paper). ISBN#: 0-631-22218-9.

Schmidt, Ulf. *Medical Films, Ethics and Euthanasia in Nazi Germany: The History of Medical Research and Teaching Films of the Reich Office for Educational Films / Reich Institute for Films in Science and Education 1933-1945.* Ahandlungen zur Geschichte der Medizin und der Naturwissenschaft 92. Illus., tables, index. Husum: Matthiesen Verlag, 2002. EUR 56.00, \$56.04 (paper). ISBN#: 3-7868-4092-X.

Schoepflin, Rennie B. *Christian Science on Trial: Religious Healing in America.* xii + 301 pp. Bibl., index. Baltimore/London: The Johns Hopkins University Press, Baltimore, 2003. ISBN#: 0-8018-7057-7.

Schwinger, Julian. *Einstein's Legacy: The Unity of Space and Time.* xiv + 250 pp. New York: Scientific American Books, New York, 1986; Dover Publications, Mineola, NY, 2003. \$16.95 (paper). ISBN#: 0-486-41974-6.

Shvarts, Shifra. *The Workers' Health Fund in Eretz Israel: Kupat Holim, 1911-1937.* Foreword by Dr. Y. Petersberg. xiv + 340 pp. Originally published by the Ben-Gurion University Press. Rochester: University of Rochester Press. ISBN#: 1-58046-122-0.

Sloane, David, Charles; Sloane, Beverlie Conant. *Medicine Moves to the Mall.* 198 pp. Illus., bibl., index. Baltimore: The Johns Hopkins University Press, 2003. \$39.95 (cloth). ISBN#: 0-8018-7064-x.

Stamhuis, Ida H.; Koetsier, Teun; De Pater, Cornelis; Van Helden, Albert (eds.). *The Changing Image of the Sciences.* x + 226 pp. Illus., figs., index. Dordrecht/Boston/London: Kluwer Academic Publishers, 2002. \$65.00 (cloth). ISBN#: 1-4020-0874-3.

Starobinski, Jean. *Action and Reaction: The Life and Adventures of a Couple.* Translated by Sophie Hawkes with Jeff Fort. 461 pp. Bibl. Originally published in 1999. New York: Zone Books, 2003. \$34.00 (cloth). ISBN#: 1-890951-20-x.

Teller, Edward; Teller, Wendy; Talley, Wilson. *Conversations on the Dark Secrets of Physics.* xii + 247 pp. Figs., index. Cambridge, MA: Perseus Books, 1991. \$16.00 (paper). ISBN#: 0-7382-0765-9.

Terrall, Mary. *The Man Who Flattened the Earth: Maupertuis and the Sciences in the Enlightenment.* x + 408 pp. Frontis., illus., bibl., index. Chicago: University of Chicago Press, 2002. \$35.00 (cloth). ISBN#: 0-226-79360-5.

Thomas, Douglas. *Hacker Culture.* xxviii + 267 pp. Bibl., index. Minneapolis/London: University of Minnesota Press, Minneapolis, 2002. \$25.95 (cloth). ISBN#: 0-8166-3345-2.

Trigger, Bruce G. *Artifacts & Ideas: Essays in Archaeology.* x + 243 pp. Bibl., index. New Brunswick/London: Transaction Publishers, New Brunswick, 2002. ISBN#: 0-7658-0165-5.

Turner, James. *Language, Religion, Knowledge: Past and Present.* viii + 206 pp. Bibl., index. Notre Dame: University of Notre Dame Press, 2003. \$17.00 (paper). ISBN#: 0-268-03357-9.

Westwick, Peter J. *The National Labs: Science in an American System 1947-1974.* xii + 403 pp. Bibl., index. Cambridge/London: Harvard University Press, Cambridge, 2003. \$49.95 (cloth). ISBN#: 0-674-00948-7.

White, Michael. *Acid Tongues and Tranquil Dreamers: Eight Scientific Rivalries that Changed the World.* 430 pp. Figs., index. New York: Harper Collins, 2002. \$14.95 (paper). ISBN#: 0-380-80613-4.

Whorton, James C. *Nature Cures: the History of Alternative Medicine in America.* xv + 368 pp. Illus., bibl., index. New York: Oxford University Press, 2002. \$30.00 (cloth). ISBN#: 0-19-514071-0.

Williams, Michael. *Deforesting the Earth: From Prehistory to Global Crisis.* xxviii + 689 pp. Illus., figs., tables, bibl., index. Chicago/London: The University of Chicago Press, 2003. \$70.00 (cloth). ISBN#: 0-226-89926-8.

Wilson, Suzanne M. *California Dreaming: Reforming Mathematics Education.* xvi + 320 pp. Index. New Haven: Yale University Press, 2003. \$29.95 (cloth). ISBN#: 0-300-09432-9.

Wooley, Charles F. *The Irritable Heart of Soldiers and the Origins of Anglo-American Cardiology.* The U.S. Civil War (1861) to World History of Medicine in Context Series. xvi + 321 pp. Illus., tables, bibl., index. Burlington, VT: Ashgate, 2002. \$99.95 (cloth). ISBN#: 0-7546-0595-7.

Wu, Nancy Y. (ed.). *Ad Quadratum: The Practical Application of Geometry in Medieval Architecture.* Avista Studies in the History of Medieval Technology, Science and Art. Volume 1. xviii + 272 pp. Hants: Ashgate Publishing Limited, Hants, England, 2002. ISBN#: 0-7546-1960-5.

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 <http://hssonline.org>. RLG has assigned us "Y6.G19" as a "User Name" and "HSSDEMO" as a "Password."



H i s t o r y
o f
S c i e n c e
S o c i e t y

The University of Chicago Press
P.O. Box 37005
Chicago, IL 60637
Forwarding Service Requested

NONPROFIT
U.S. POSTAGE
PAID
Seattle, WA
Permit No. 6227