

# Newsletter



VOLUME 34 NUMBER 2  
April 2005

# HISTORY OF SCIENCE SOCIETY

## Serving the Discipline and the Profession: HSS Programs and the "Spirit of Volunteerism"

Michael M. Sokal, HSS President

For "Catching Up with the Vision" – the 1999 prize-winning special issue of *Isis* conceived and edited by Margaret W. Rossiter that celebrated the Society's 75th anniversary – I wrote an article tracing the Society's history from 1970 with the subtitle, "From Subscription Agency to Professional Society." The article followed the Society's evolution through a punctuated series of adaptations to changes (and at times catastrophes) in its academic and social environments. Through this development, the Society grew from one serving its members largely through *Isis* and its annual meetings to one that "helps [its members] find jobs and place their students, ... lobbies Congress and several federal agencies, ... actively promotes education in its field at all levels and in all sorts of institutions, and ... publishes (in print and on the World Wide Web) a full range of professionally exciting and intellectually stimulating materials." The last "Letter from

the President," published in January 2004 with the subtitle "Recent Successes and Exciting New Challenges," briefly outlined later changes in some of these programs, and sketching the further evolution of others now seems appropriate.

The Society's primary programs of course remain its publications, including *Isis*, *Osiris*, the *Isis Current Bibliography*, and the *HSS Newsletter*. In the *Newsletter's* January 2005 issue the Society's Editor Bernard V.

Lightman most informatively reviewed *Isis's* current condition ("ISIS One Year In: A Progress Report") and the innovations, such as the new "Focus" section, that he has introduced since he first became editor in January 2004. In that month, the *Newsletter* presented Michal Meyer's insightful interview with *Osiris* editor Kathryn M. Olesko, which emphasized her goal for the journal as promoting "mediation between history and history of science." The editors of the Society's major journals have thus introduced new policies and features even as they build on the successes of their predecessors. In the meantime, the Society has arranged for all HSS members – not just individual subscribers – to receive *Osiris* as part of their regular memberships, for only a minor dues increase. The University of Chicago Press will soon make available additional details about this new membership benefit, which has excited all who've heard about it.

The *Isis Current Bibliography* is also evolving, as its editor Stephen M. Weldon looks to the achievements of John Neu's remarkable 30-year editorship and Joan Harvey's miraculous two-year effort as *CB* Interim Editor to recover from a near catastrophe.

The revised classification scheme and new indices first introduced in the 2003 *CB* represent only the first in a series of innovative features that will

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emerge both in the printed *CB* and in the on-line HSTM Research Database during the next few years. In the meantime, the *HSS Newsletter* itself, in its past several issues, has grown to reflect the careful design attention and experienced editorial eye of Michal Meyer, a graduate student in the University of Florida's History of Science

Program. She's interviewed (in addition to Kathryn Olesko) a series of HSS prizewinners, science journalists and broadcasters, and others, and in doing so has illustrated the breadth of (and interest of others in) our discipline and profession.

(continued on p. 16)

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John Neu being honored for his decades of service at the 75th anniversary HSS meeting at Pittsburgh.

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Please notify both the HSS Executive Office and the  
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**HSS Newsletter**

**Editorial Policies, Advertising, and Submissions**

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

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

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# HSS Vice Presidential, Council, and Nominating Committee Candidates 2005

## Vice President



**Jane Maienschein**, Regents' Professor and Parents Association Professor and Director, Center for Biology and Society, Arizona State University. Ph.D., Indiana University, 1978. **HSS and Professional Activities:** HSS: Research and the Profession (1987-1989 & 1998-2000), Council (1987-1989 & 1997-1999), Nominating (1997-1998), HSS Lecturer (1994-1995), Finance (1985-1993), Planning (1988-1989), Watson Davis Prize Chair (1987-1988), Prizes (1987-1988), National Lecture Series (1985-1987), Womens Committee (when it was

an informal group). **AAS:** Program (1996-2000), History (1996-1998), Council (1991-1994 & 1995-1996), Council Affairs (1992-1994); Section I: Member at Large (2002-2006), Section Chair Elect & Chair (1993-1995), Nominating chair (1986-1989); Association for Women in Science: National governing board (1999-2000); History of Science in America Governing Group (1985-1986); *International Society for the History, Philosophy, and Social Studies of Biology:* Operations (2003-2005), Council (2001-2003), Nominating chair (1991-1993), President (1989-1991); *PSA* governing board (1995-1998); *Society of Integrative and Comparative Biology:* Division Chair and Executive Council (1995-1998), Division Nominating (1986, 1989); member of many National Science Foundation and National Academy of Sciences panels and advisory committees. **Selected Publications:** *Whose View of Life? Embryos, Cloning, and Stem Cells* (Harvard University Press, 2003; one of two finalists for science books by Independent Publishers or IPPY Awards); *Embryology at The Carnegie Institution of Washington Department of Embryology, A History of Development, Reproduction, and Genetics*, edited with Marie Glitz and Garland Allen (Cambridge University Press, 2005); "Embryos at the United Nations: Competing Science, Competing Values," in John Krige and Kai-Henrik Barth, editors, *Science, Technology and International Affairs: Historical Perspectives, Osiris* (forthcoming); "Understanding Science and its Implications," *Kansas Law Review* (2003) 51: 303-306; "Staffing Science Policy-Making," *Science* (2000) 290:1501 (read into Congressional Record, Senate of the 106th Congress, 15 December 2000); "Old Wine in New Bottles," *Nature* (2000) 407:21.



**Theodore M. Porter**, Professor, Department of History, University of California, Los Angeles. Ph.D., Princeton University, 1981. **HSS and Professional Activities:** HSS Council, 1991-1993 and 2005-2007; Committee on Meetings and Programs, 1992-94; program chair for Dec. 1992 annual meeting in Washington D.C.; Nominating Co-mmittee 1999-2000; Committee on Publications, 2000-2004 (Secretary, 2002-03; chair, 2003-04); Member (also of two prize committees) of Forum for History of Human

Sciences of HSS. **Selected Publications:** *The Rise of Statistical Thinking, 1820-1900* (Princeton University Press, 1986), translated into Japanese and Italian; co-author: *The Empire of Chance: How Probability Changed Science and Everyday Life* (Cambridge University Press, 1989), translated into German; *Trust in Numbers: The Pursuit of Objectivity in Science and Public Life* (Princeton University Press, 1995); co-editor, *Cambridge History of Science, Volume 7: Modern Social Sciences* (Cambridge University Press, 2003) translation forthcoming into Chinese; *Karl Pearson: The Scientific Life in a Statistical Age* (Princeton University Press, 2004).

## Council



**Ken Alder**, Professor of History and Milton H. Wilson Professor in the Humanities, Northwestern University, where he directs the Science in Human Culture Program. Ph.D., Harvard University, 1991.

**HSS and Professional Activities:** Advisory editor at *Isis* since 1999 and *Technology & Culture* since 1997. Panelist, session organizer, and commentator at HSS conferences. Executive committee of SHOT since 2004. **Selected Publications:** *The Measure of All Things: The Seven-Year Odyssey and Hidden Error that Transformed the World* (Free Press, 2002),

translated into 14 languages and winner of the 2003 Davis Prize, the 2003 Dingle Prize from the British Society for the History of Science, and the 2004 Kagan Prize from The Historical Society. *Engineering the Revolution: Arms and Enlightenment in France, 1763-1815* (Princeton University Press, 1997), winner of the 1998 Edelstein Prize from SHOT. "History's Greatest Forger: Science, Fiction, and Fraud along the Seine." *Critical Inquiry* 30 (2004): 702-16. "A Social History of Untruth: Lie Detection and Trust in Twentieth-Century America." *Representations* 80 (2002): 1-33. Currently completing a book on the lie detector in twentieth-century America.



**Mark V. Barrow, Jr.**, Associate Professor and Associate Chair, Department of History, Virginia Tech, and Participating Faculty, STS Program. Ph.D., Harvard University, 1992. **HSS and Professional Activities:** chair, commentator, and presenter at numerous HSS annual meetings; two 3-year terms as steering committee member for Forum for the History of Science in America; membership committee, International Society for the History, Philosophy, and Social Studies of Biology; book-review editor and member of editorial board, *Journal of the*

*History of Biology*. **Selected Publications:** *A Passion for Birds: American Ornithology after Audubon* (Princeton: Princeton University Press, 1998); "Science,



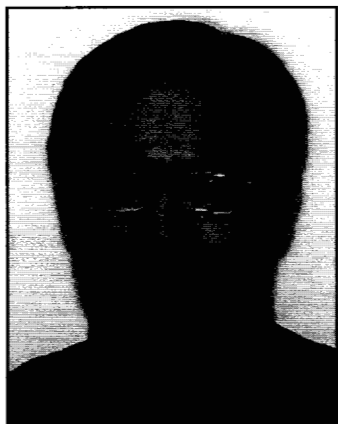
## History of Science Society Newsletter April 2005

Sentiment, and the Specter of Extinction: Reconsidering Birds of Prey during America's Interwar Years," *Environmental History* 7 (2002): 69-98; "The Specimen Dealer: Entrepreneurial Natural History in America's Gilded Age," *Journal of the History of Biology* 33 (Winter 2000): 1-42. Book in progress, tentatively titled: "The Specter of Extinction: American Naturalists and Endangered Wildlife."



**David Cahan**, Charles Bessey Professor of History, Department of History, University of Nebraska. Ph.D., Johns Hopkins University, 1980. **HSS and Professional Activities:** Past member, Ad hoc Committee to Review the Executive Secretary of the History of Science Society; past member, Committee on Meetings and Programs (2000-3), and Chair (2002-3); Member, Editorial Board, *Annals of Science*. **Selected Publications:** *An Institute for an Empire: The Physikalisch-Technische Reichsanstalt, 1871-1918*

(Cambridge University Press, 1989; paperback 2004); editor, *Hermann von Helmholtz and the Foundations of Nineteenth-Century Science* (University of California Press, 1994); co-author, *Science at the American Frontier: A Biography of DeWitt Bristol Brace* (University of Nebraska Press, 2000); editor, *From Natural Philosophy to the Sciences: Writing the History of Nineteenth-Century Science* (University of Chicago Press, 2003); "Helmholtz and the Shaping of the American Physics Elite in the Gilded Age," *HSPS* 35:1 (2004): 1-34. Current activity: Senior Fellow, Dibner Institute for the History of Science and Technology, MIT (2004-5), writing a biography of Helmholtz.



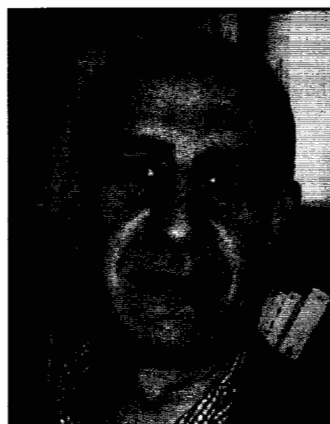
**Fa-ti Fan**, Associate Professor, Department of History, State University of New York at Binghamton. Ph.D., University of Wisconsin-Madison, 1999. **HSS and Professional Activities:** Advisory editor, *Isis*, 2004-; editorial board member, *Metascience*, 2002-2004; Secretary, International Society for the History of East Asian Science, Technology, and Medicine, 2005-. **Selected Publications:** *British Naturalists in Qing China: Science, Empire, and Cultural Encounter* (Harvard University Press, 2004); "Nature and

Nation in Chinese Political Thought: the National Essence Circle in Early Twentieth-Century China," in Lorraine Daston and Fernando Vidal, eds., *The Moral Authority of Nature* (University of Chicago Press, 2004), 409-37; "Science in a Chinese Entrepôt: British Naturalists and Their Chinese Associates in Old Canton," *Osiris*, 18 (2003): 60-78; "Victorian Naturalists in China: Science and Informal Empire," *British Journal for the History of Science*, 36 (2003): 1-26; "Hybrid Discourse and Textual Practice: Sinology and Natural History in the Nineteenth Century," *History of Science*, 38 (2000): 25-56.



**John Krige**, Kranzberg Professor, School of History, Technology and Society, Georgia Institute of Technology, Atlanta, GA. Ph.D., University of Pretoria (South Africa), 1966; Ph.D., University of Sussex (UK), 1978. **HSS and Professional Activities:** Member of *Isis* Editorial Board; Member, Program Committee, HSS Annual Meeting, 2005; Member SHOT International Scholars Committee, 2000-3. Awards: Charles A. Lindbergh Fellow, National Air and Space Museum, 2004-5. **Selected Publications:** "Distrust and Discovery. The Case of the Heavy Bosons

at CERN," *Isis* Vol. 92:3 (September 2001), 517-540; "The 1984 Nobel Physics Prize for Heterogeneous Engineering," *Minerva* Vol. XXXIX:4 (December 2001), 425-443; "The Birth of EMBO and the Difficult Road to EMBL," *Studies in the History and Philosophy of Biological and Biomedical Sciences* 33:3 (2002), 547-564. Krige is also the co-editor, with Kai-Henrik Barth, of *Osiris* Vol. 21 (2006), "Science, Technology and International Affairs."



**Domenico Bertoloni Meli**, Professor, Department of History and Philosophy of Science, Indiana University, Bloomington. Ph.D., Cambridge University, 1988. **HSS and Professional Activities:** Regular reviewer for *Isis*, book review editor for *Early Science of Medicine*. **Selected Publications:** *Equivalence and Priority: Newton versus Leibniz* (Oxford University Press, 1993, paperback, 1997); *Marcello Malpighi, Anatomist and Physician* (ed.) (Florence, Olschki, 1997); "Caroline, Leibniz, and Clarke," *Journal of the History of Ideas*, 60

(1999):469-86; "Authorship and Teamwork around the Cimento Academy," *Early Science and Medicine*, 6 (2001):65-95; "The Role of Numerical Tables in Galileo and Mersenne," *Perspectives on Science*, 12 (2004):164-90. Forthcoming book titled *Thinking with Objects: The Transformation of Mechanics in the 17th century*, submitted for publication.



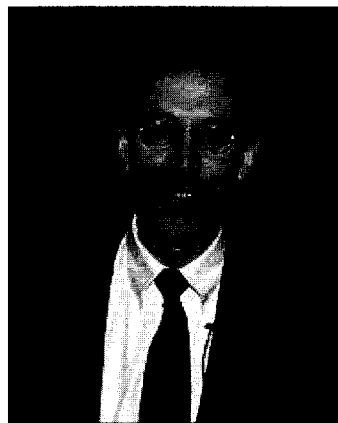
**Katherine A. Pandora**, Associate Professor and Associates' Presidential Professor (2000-2004), Department of the History of Science, University of Oklahoma; Fellow, Charles Warren Center for Studies in American History, Harvard University, 2001-2002. Ph.D., History/Science Studies, University of California at San Diego, 1993. **HSS and Professional Activities:** *Isis*, Advisory Editor (2002-2004); Ethics Coordinator, NSF Research Experiences for Under-graduates Program (1999-2004), Human-Technology Interaction Center at the

University of Oklahoma; Development Award, the Center for History and New Media's "Exploring and Collecting History Online: Science and Technology" [ECHO] Project. **Selected Publications:** "Knowledge Held in Common: The Tales of Luther Burbank and Science in the American Vernacular," *Isis*, 2001, 92:484-516; "Luther Burbank," in John A. Garraty and Mark C. Carnes, eds., *American National Biography* (New York: Oxford University Press, 1999); "'Mapping the New Mental World Created by Radio': Media Messages, Cultural Politics, and Cantril & Allport's *The Psychology of Radio*," *Journal of Social Issues*, 1998, 54:7 27; *Rebels within the Ranks: Psychologists' Critique of Scientific Authority and Democratic Realities in New Deal America* (Cambridge University Press, 1997).



**Marsha Richmond**, Associate Professor of Science and Technology, Department of Interdisciplinary Studies, Wayne State University. Ph.D., Indiana University, 1986. **HSS and Professional Activities:** Advisory Committee, *Correspondence of Charles Darwin*; Advisory Board: *NTM, History and Philosophy of the Life Sciences*, and *Journal of the History of Biology*. **Selected Publications:** "The 'Domestication' of Heredity: The Familial Organization of Geneticists at Cambridge University, 1895-1910," forthcoming,

*Journal of the History of Biology*; "The Cell as the Basis for Heredity, Development, and Evolution: Richard Goldschmidt's Program of Physiological Genetics," forthcoming in *From Embryology to Evo-Devo*, ed. Jane Maienschein and Manfred D. Laubichler (Cambridge, Mass.: MIT Press); "Women in the Early History of Genetics: William Bateson and the Newnham College Mendelians, 1900-1910," *Isis*, 92 (2001): 55-90; "T. H. Huxley's Criticism of German Cell Theory: An Epigenetic and Physiological Interpretation of Cell Structure," *Journal of the History of Biology*, 33 (2000): 247-289; "'A Lab of One's Own': The Balfour Biological Laboratory for Women at Cambridge University, 1884-1914," *Isis*, 88 (1997): 422-455.



**Alan Rocke**, Bourne Professor and Chair, Department of History, Case Western Reserve University; also Director, Program in History & Philosophy of Science. Ph.D., University of Wisconsin-Madison, 1975. **HSS and Professional Activities:** Past service on Council (1990-92), Local Arrangements, Program, and Derek Price Prize Committees; *Isis* Advisory Editor (1997-2000). **Selected Publications:** *Chemical Atomism in the Nineteenth Century* (Ohio State University Press, 1984);

*The Quiet Revolution* (University of California Press, 1993), *Nationalizing Science* (MIT Press, 2001), "The Reception of Chemical Atomism in Germany," *Isis*, 70 (1979); "Research Groups and Group Research in German Chemistry: Kolbe's Marburg and Leipzig Institutes," *Osiris*, [2] 8 (1993), 51-79; "History and Science, History of Science: Adolphe Wurtz and the Renovation of the Academic Professions in France," *Ambix*, 41 (1994), 20-32;

"Origins and Spread of the 'Giessen Model' in University Science, 1826-1876," *Ambix*, 50 (2003), 90-115; "Restaging Liebig: A Study in the Replication of Experiments," *Annals of Science*, 62 (2005), 1-55 (with three co-authors).



**James Strick**, Assistant Professor, Program in Science, Technology and Society, Franklin and Marshall College. Ph.D., Princeton University, 1997. **HSS and Professional Activities:** Consulting Editor, *Isis* (just appointed); Archives Committee, American Society for Microbiology; Sub-editor for "Evolution," *Dictionary of Nineteenth Century British Scientists*, ed. Bernard Lightman (Thoemmes Press, 2003); referee for *Isis*, *JHB*; member AAAS Workshop on the Social, Ethical and Philosophical Implications of Astrobiology; co-organizer

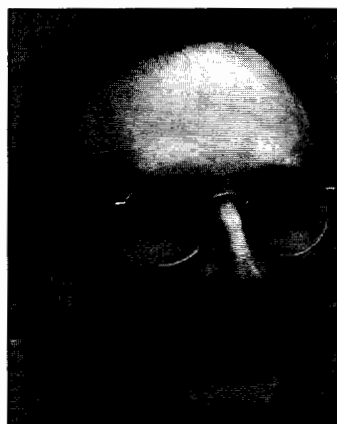
of 2005 Dibner Inst. History of Biology Workshop at MBL, Woods Hole (history of astrobiology). **Selected Publications:** Editor, *The Origin of Life Debate: Molecules, Cells, and Generation*, a six-volume series reissuing the primary sources of the doctrine of "histological molecules," from Buffon and Needham (1748) through 1880 (Bristol, UK: Thoemmes Press, 2004); With Steven Dick, *The Living Universe: NASA and the Development of Astrobiology* (Rutgers University Press, 2004); Editor, *Evolution and the Spontaneous Generation Debate*, a six volume series, reissuing the primary works of Henry Charlton Bastian and a selection of his critics (Bristol, UK: Thoemmes Press, 2001); *Sparks of Life: Darwinism and the Victorian Debates over Spontaneous Generation* (Cambridge, Mass.: Harvard University Press, 2000); "Darwinism and the Origin of Life: The Role of H.C. Bastian in the British Spontaneous Generation Debates, 1868-1873," *J. Hist. Biol.* 32 (1999): 51-92; "Swimming Against the Tide: Adrianus Pijper and the Debate Over Bacterial Flagella, 1946-1956," *Isis* 87 (1996): 274-305.

## Nominating Committee at Large



**Otniel E. Dror**, Assistant Professor ("Lecturer"), Head, Section for the History of Medicine, Medical Faculty, and Program in History and Philosophy of Science, Faculty of the Humanities, The Hebrew University of Jerusalem, Israel. M.D., Ben-Gurion University, 1989; Ph.D., Princeton University, 1999. **HSS and Professional Activities:** Advisory Editor, *Isis* (2002-2004), Editorial Boards: *Harefuah*, *Korot*. **Selected Publications:** "The Affect of Experiment: The Turn to Emotions in Anglo-American Physiology, 1900-1940,"

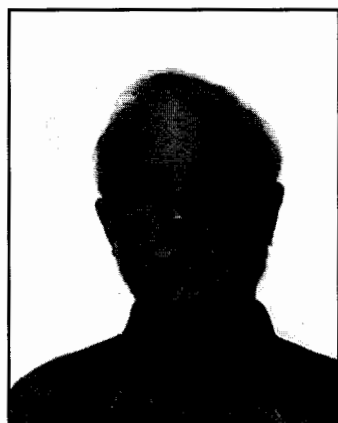
*Isis* 90 (1999): 205-237; "Counting the Affects: Discoursing in Numbers," *Social Research* 68 (Summer 2001): 357-378; "'Voodoo Death': Fantasy, Excitement, and the Untenable Boundaries of Biomedical Science," in Robert D. Johnston (ed.), *The Politics of Healing: Essays in the Twentieth-century History of North American Alternative Medicine* (Routledge 2004). Forthcoming book is tentatively titled *The Sciences of Passion: Blush, Adrenaline, Modernity, and Excitement, 1860-1940*.



**James Evans**, Professor, Department of Physics, University of Puget Sound, and Co-Director of the Program in Science, Technology and Society. Ph.D., University of Washington, 1983. **HSS and Professional Activities:** Committee for Visiting Lecturers Program, Committee for Watson Davis Prize, Associate Editor of *Journal for the History of Astronomy*.

**Selected Publications:** "Fraud and Illusion in the Anti-Newtonian Rear Guard: The Coultard-Mercier Affair and Bertier's Experiments, 1767-1777," *Isis* 87 (1996) 74-107. *The History and Practice of*

*Ancient Astronomy* (Oxford University Press, 1998). "Gravity in the Century of Light: Sources, Construction and Reception of Le Sage's Theory of Gravitation," in M. Edwards, ed., *Pushing Gravity: New Perspectives on Le Sage's Theory of Gravitation* (Apeiron, 2002). "The Astrologer's Apparatus: A Picture of Professional Practice in Greco-Roman Egypt," *Journal for the History of Astronomy* 35 (2004) 1-44. (With J. L. Berggren), *Geminus's Introduction to the Phenomena: A Translation of and Commentary on a Manual of Greek Astronomy* (Princeton University Press, forthcoming).



**Robert Kohler**, Professor, Department of History and Sociology of Science, University of Pennsylvania. Ph.D., Yale University, 1965. **HSS and Professional Activities:** Since 1973 has served on HSS Committee on Publications (1973-77), Local Arrangements chair (1976), Nominating Committee (1984). Editorial boards of *Isis*, *Social Studies of Science*, *Journal of History of Biology*. Served on Governing Council of Rockefeller Archive Center (1995-2000). Awarded 2004 Sarton Medal. **Selected**

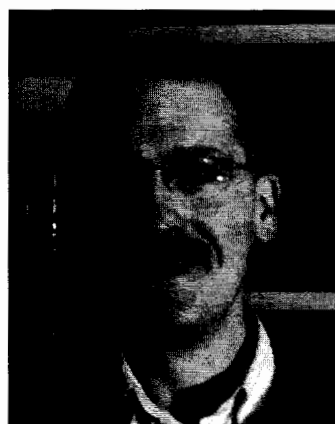
**Publications:** *Lords of the Fly:*

*Drosophila Genetics and the Experimental Life* (1994); *Landscapes and Labscapes: Exploring the Lab-Field Border in Biology* (2002); book in press is *All Creatures: Naturalists, Collectors, and Biodiversity, 1850-1950*; "Place and Practice in Field Biology," *History of Science* 40 (2002): 189-210. "Labscapes: Naturalizing the Laboratory," *History of Science* 40 (2002): 473-501.



**Pamela E. Mack**, Associate Professor, Dept. of History, Clemson University. Ph.D., University of Pennsylvania, 1983. **HSS and Professional Activities:** History of Science Society Treasurer (January 1993-December 1996). Member, Council (1991, 1992, and 1998-2000). Finance Committee (1997-present), Co-chair, Committee on Women, (1990, 1991 and 2001, 2002). Listowner of the Internet mailing list for the History of Science Society's Women's Caucus (1998-present).

**Selected Publications:** Editor, *From Engineering Science to Big Science: The NACA/NASA Collier Trophy Research Project Winners*, NASA SP-4219, (Washington DC: Government Printing Office, 1998). Available on the Web at: <http://history.nasa.gov/SP-4219/Cover4219.htm>; *Viewing the Earth: The Social Construction of the Landsat Satellite System* (Cambridge: MIT Press, 1990); "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 (Chicago: University of Chicago Press, 2001); Pamela E. Mack and Gail Delicio, "The Authority of Experience: Assessing the Use of Information Technology in the Classroom," *The Journal of Electronic Publishing*, September, 2000, Volume 6, Issue 1, Fall 2000. <http://www.press.umich.edu/jep/06-01/mack.html>.



**Lawrence Principe**, Professor of the History of Science and Technology and of Chemistry, Johns Hopkins University. Ph.D., Indiana University, 1988; Ph.D., Johns Hopkins University, 1996. **HSS and Professional Activities:** *Isis* Editorial Board (1999-2002); Hazen Prize Committee (2000-2003).

**Selected Publications:** *The Aspiring Adept: Robert Boyle and His Alchemical Quest* (Princeton, 1998); *Alchemy Tried in the Fire: Starkey, Boyle, and the Fate of Helmontian Chymistry* (with W. R. Newman)

(Chicago, 2002); "Reflections of Newton's Alchemy in the Light of the New Historiography of Alchemy," in J. E. Force and Sarah Hutton, *Newton and Newtonianism* (Kluwer, 2004).



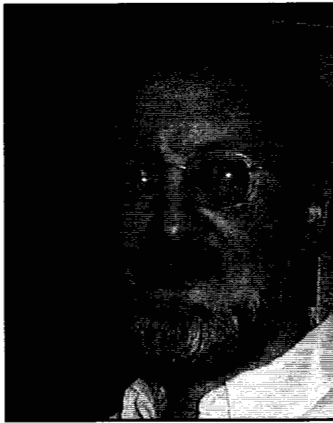
**Alice N. Walters**, Associate Professor of History, University of Massachusetts Lowell. Ph.D., University of California Berkeley, 1992. **HSS and**

**Professional Activities:** *Isis* Advisory Editor (2000-2002); Member of the Committee on Honors and Prizes, subcommittee on History of Women in Science Prize (1997-1999, Chair, 1999); Member of the Committee on Meetings and Programs (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. Forthcoming book from University of Illinois Press is tentatively titled *Science Commercialized: Culture and Commodities in the British World, 1740-1810*. A full c.v. is available at: <http://faculty.uml.edu/awalters/43.202/faculty.htm>.

## Nominating Committee from Council



**Bruce J. Hunt**, Associate Professor, Department of History, University of Texas at Austin. Ph.D., Johns Hopkins University, 1984. **HSS and Professional Activities:** Member of Council (2004- ); Committee on Publications (2001- ); local arrangements chair, 2004 Austin meeting; Committee on Meetings and Programs (1999-2001 and 2003- ), chair (2000-2001); Pfizer Award Committee (1998-2000), chair (2000). **Selected Publications:** *The Maxwellians* (Cornell University Press, 1991; reissued, 2005); "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; "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.

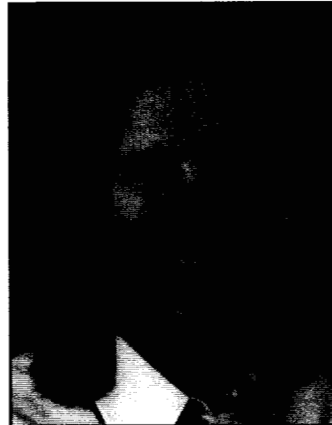
sued, 2005); "Doing Science in a Global Empire: Cable Telegraphy and Victorian Physics," in Bernard Lightman (ed.), *Victorian Science in Context* (University of Chicago Press, 1997), pp. 312-33; "The Ohm is Where the Art Is: British Telegraph Engineers and the Development of Electrical Standards," *Osiris* 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.



**Diane B. Paul**, Professor Emerita, University of Massachusetts Boston. Ph.D., Brandeis University, 1975. **HSS and Professional Activities:** Council, Member (2004-2006); Price/Webster Prize Committee (2005-2007); *Mendel Newsletter*, Editorial Board (1991-1992, 2001-present), Editor (1992-2002); *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); "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); "Darwin, Social Darwinism, and Eugenics," in *The Cambridge Companion to Darwin*, Jonathan Hodge and Gregory Radick, eds. (Cambridge University Press, 2003), 214-239; "Genetic Engineering and Eugenics: The Uses of History," in *Is Human Nature Obsolete?* Harold Baillie and Timothy Casey, eds. (MIT Press, 2005), 123-151.

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



**Andrea A. Rusnock**, Associate Professor of History, Director of Graduate Studies, Department of History, University of Rhode Island. Ph.D., Princeton University, 1990. **HSS and Professional Activities:** Council Member (2004-2006); Schuman Prize Committee (1999-2002); Co-Chair, Women's Caucus (1997-1999); as co-chair solicited, collected, and edited syllabi for *Women, Gender, and the History of Science Syllabus Sampler* (History of Science Society Publications, 1999); 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)* (Rodopi, 1996); "Quantifying Infant Mortality in Eighteenth-Century England and France," in *Body Counts: Medical Quantification in Historical and Sociological Perspectives/La quantification médicale, perspectives historiques et sociologiques*, ed. Gérard Jorland, Annick Opinel and George Weisz (Montreal: McGill-Queen's University Press, in press). "Hippocrates, Bacon, and Medical Meteorology at the Royal Society, 1700-1750," *Reinventing Hippocrates*, ed. David Cantor (Ashgate Press, 2001), 144-161; "Correspondence Networks and the Royal Society," *British Journal for the History of Science* 32 (1999): 155-69.



**Jole Shackelford**, Assistant Professor, Program in the History of Medicine, University of Minnesota. Ph.D., University of Wisconsin, 1989. **HSS and Professional Activities:** HSS Council member and chair of the Committee on Meetings and Programs, former member of the HSS Subcommittee on Independent Scholars, current member of the editorial advisory committee for the *Bulletin of the History of Medicine*. **Selected Publications:** *A Philosophical Path for Paracelsian Medicine. The Ideas, Intellectual Context, and Influence of*

*Petrus Severinus (1540/2-1602)* (Copenhagen: Museum Tusculanum Press, University of Copenhagen, 2004); "Paracelsianism and the Orthodox Lutheran Rejection of Vital Philosophy in Early Seventeenth-Century Denmark," *Early Science and Medicine* 8(2003): 210-52; "Seeds with a Mechanical Purpose: Severinus' *Semina* and Seventeenth-Century Matter Theory," in Allen G. Debus and Michael T. Walton (eds.), *Reading the Book of Nature: The Other Side of the Scientific Revolution*, (Kirkville, Missouri: Sixteenth Century Journal Publishers, Inc., 1998), pp. 15-44; "Tycho Brahe, Laboratory Design, and the Aim of Science: Reading Plans in Context," *Isis* 84 (1993), pp. 211-230; "Documenting the Factual and the Artifactual: Ole Worm and Public Knowledge," *Endeavour* 23 (1999), pp. 65-71.

## News and Inquiries

### Women and Medicine: Remedy Books 1533-1865 on Microfilm

Among the best-known and most frequently consulted items in the Wellcome Library's collections are the lay remedy books held in the Western Manuscripts series. Two hundred and forty-seven of these books have now appeared in the micropublication, "Women and Medicine: Remedy Books, 1533-1865," issued by Primary Source Microfilm, running to 35 reels of film, each with a copy of the introduction by Dr. Sara Pennell. See the Web site at: <http://www.galegroup.com/psm/index.htm>.

### Reviewers Sought for Heartland Science Web Site

The Ohio Academy of Science is seeking volunteer peers to review historical and scientific vignettes on the Heartland Science Web site: <http://www.heartlandscience.org/>. Although the language is not technical, they need reviewers for technical and historical accuracy. If you are interested and able, please sign up to review at least one chapter by filling out and submitting the online form at: <http://www.heartlandscience.org/HSReviewer.htm>.

### Linus Pauling Web Site

A new Web site has been launched by the Oregon State University Libraries. "Linus Pauling and the Nature of the Chemical Bond: A Documentary History" features over 800 documents, available at <http://osulibrary.oregonstate.edu/specialcollections/coll/pauling/bond/index.html>. More than 800 digitized letters, manuscripts, photographs, audio-clips, and video excerpts form the heart of the Chemical Bond Web site. They include a number of important and unique items, such as the complete manuscript of Pauling's germinal first paper on the nature of the chemical bond.

### Marconi Collection Transferred to University of Oxford

Marconi Corporation and the University of Oxford announce an agreement to transfer the historic Marconi Collection to The Bodleian Library and The Museum of the History of Science, both part of the University of Oxford. Marconi has agreed to gift the Collection to the University. A full-time archivist will be appointed to catalogue the Collection over the next three years. Dating from 1895, this is an unrivaled collection of Marconi artifacts, apparatus, and printed material, much of which formed the basis of early wireless communication. For more information, please visit <http://www.marconicalling.com/>.

### New Index Online: 1800-1900, Royal Society

To commemorate the sixth year of 19th Century Masterfile, Paratext is pleased to announce the inclusion of a major index, Catalogue of Scientific Papers, 1800-1900, Royal Society (Great Britain). The first installment — three subject indexes to Mathematics, Mechanics, and Physics — are now online for searching. The additional 19-volume author/title catalogs will come online over the next two months. If your library currently subscribes to 19th Century Masterfile, please visit: <http://poolesplus.odyssey.com/>. For more information on 19th Century Masterfile, please visit: [http://www.paratext.com/19cm\\_intro.htm](http://www.paratext.com/19cm_intro.htm).

### Needham Research Institute

Colleagues may like to know that a new-look Needham Research Institute Web site is now up at <http://www.nri.org.uk/>. The NRI's latest Newsletter (new series No.1) is also available online as html or pdf at: <http://www.nri.org.uk/newsletterhome.html>.

### 19th Century Indiana Physicians Database

The 19th Century Indiana Physicians Database is now available in a database format. It is now a fully searchable database, with information on over 15,000 Indiana physicians. The raw data will also be available to researchers. Enter the Database at <http://www.medlib.iupui.edu/hom/19thphysicians/>.

### History of Meteorology Proceedings Published Online

The first volume of the *Proceedings of the International Commission on History of Meteorology* has just been published online at <http://www.meteohistory.org/2004proceedings1.1/>.

### Bakken Library's New Online Database

The Bakken Library and Museum announces the availability of a new online database of its collection of artifacts relating to the history of electricity and magnetism and their uses in medicine and the life sciences. Records for approximately 90% of the Bakken's unique collection of roughly 2,000 artifacts have been entered into the database along with images of almost every item. The information provided typically includes description, remarks, and an image, as well as materials, date, size and weight, and a list of accessories. The database is located at: <http://thebakken.org/artifacts/database/>. A partial online catalog of The Bakken's extensive book collection has been available for a number of years at <http://www.thebakken.org/library/library.htm#BooksAndManuscripts>. Plans are being made for an online public access catalog of the entire collection.

### New Web Site: Physicians' Reflections on Fifty Years of Patient Care

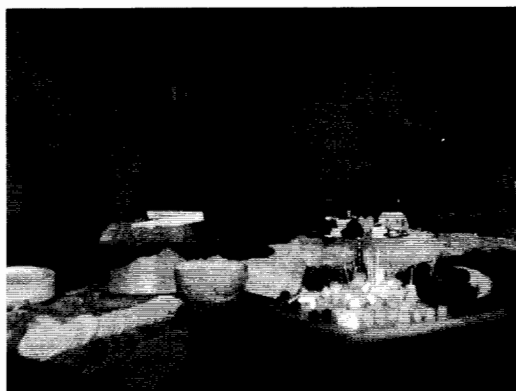
A new Web site, "Physicians' Reflections on Fifty Years of Patient Care, 1954-2004," is now available. Sponsored by the Office of Alumni relations at the University of Rochester School of Medicine and Dentistry, it consists of 26 narratives by physician graduates of the Class of 1954, including three by widows of classmates. Each narrative responds to the question, "How did the momentous changes in medical knowledge and delivery of health care over the fifty years since graduation affect your personal experiences with patient care and your relationships with patients?" The Web site is available at: <http://www.urmc.rochester.edu/SMD/alumni/memoir.cfm>.

### Site Move for HSTM and the Wellcome Unit for the History of Medicine

The Centre for the History of Science, Technology and Medicine and Wellcome Unit for the History of Medicine (CHSTM), University of Manchester, has now completed its site move. Enquiries should no longer be addressed to the Mathematics Tower. CHSTM's postal address is now as follows: CHSTM, 2nd Floor, Simon Building, Brunswick Street, University of Manchester, Manchester M13 9PL, U.K. Phone and fax lines are unchanged: phone: +44 (0)161-275-5850, fax +44 (0)161-275-5699. General e-mail enquiries may be directed to the Centre Secretary: [chstm@manchester.ac.uk](mailto:chstm@manchester.ac.uk). Details of CHSTM's research, teaching, outreach, and other activities may be found via their Web site at <http://www.manchester.ac.uk/chstm>.

**Please join us in Minneapolis for the 2005 Meeting 3-6 November**





## HSS Executive Office Open House at the University of Florida 21 September 2004

### Global Health Archive Available Online

Access to almost 100 years of scientific research in public and international health is now available electronically with the launch of Global Health Archive from CABI Publishing. Global Health Archive is a modern, searchable, bibliographic database containing literature from 1910 to 1983, charting the history of public health. CABI Publishing has made available their print archive of bibliographic records in a modern electronic format, a database equivalent to over 300 volumes of research. Topics covered including biological agents, anti-microbial substances in the pre-antibiotic era, disease control, food security, and the effects of economic development on health. For more information, please see: <http://www.cabi-publishing.org>.

### La Nature Available Online

Issues of *La Nature: Revue des Sciences et de Leurs Applications aux arts et à l'industrie* (68 vols from 1873-1905) are available online at: <http://cnum.cnam.fr/>. This popular science magazine has many papers on astronomy

(written by Camille Flammarion and others) and is illustrated by delightful engravings. Some of the other scanned items on the Web site of "Le Conservatoire numérique des Arts et Métiers" may also be of interest. Available at: <http://cnum.cnam.fr/RUB/fcata.html>.

### The Stuart Pierson Memorial Fund

The Midwest Junto for the History of Science has recently inaugurated the Stuart Pierson Memorial Fund to remember one of its most loyal members. The Stuart Pierson Fund for the Midwest Junto will be used to support a keynote presentation that promotes creative and original participation at the annual meetings. Donations are needed to sustain the Fund, and the Junto welcomes all contributions. Checks can be sent to: The Stuart Pierson Fund, Linda Hall Library, 5109 Cherry St., Kansas City, MO 64110-2498. Please make checks payable to: Linda Hall Library, Stuart Pierson Fund. For more information please see the new Midwest Junto Web site at: [http://www.public.iastate.edu/~history\\_info/hots/junto/junto.htm](http://www.public.iastate.edu/~history_info/hots/junto/junto.htm).

## History of Science Society Newsletter April 2005

### Works of J. Augustus Knapp

The Lloyd Library and Museum announces its Spring Exhibition, "Plates of Fungi: Paintings by J. Augustus Knapp Commissioned by Curtis Gates Lloyd," showing 1 March through 30 June 2005. "Plates of Fungi" demonstrates an interesting combination of art in service of both science and literature. For more information, please visit their Web site at: <http://www.lloydlibrary.org>.

### Workshops on the History of Environment and Agriculture through Technology and Science



From L to R: Back Row: Lauren Nauta (University of Pennsylvania), John McNeill (Georgetown University), Deborah Fitzgerald (MIT), Christine Wenc (Harvard University), Anya Zilberstein (MIT), Brian Shillinglaw (Yale University), Jenny Smith (MIT), Richard Mizelle (Rutgers University), John Staudenmaier (University of Detroit, Mercy). Middle Row: Jeremy Vetter (University of Pennsylvania), Nick Buchanan (MIT), Jamie Pietruska (MIT), Audra Wolfe (Rutgers University Press), Everett Mendelsohn (Harvard University), Richa Kumar (MIT). Front Row: Xaq Frohlich (MIT), Peter Shulman (MIT), Etienne Benson (MIT), Shane Hamilton (MIT), Jeanette Simmonds (Rensselaer Polytechnic Institute)

On 1-3 October 2004, students in MIT's graduate program in the History and Social Study of Science and Technology hosted the first of what is hoped will become a series of annual Workshops on the History of Environment and Agriculture through Technology and Science. The goal of WHEATS is to provide a forum for graduate students and other young scholars working on the intersecting histories of agriculture, environment, science, and technology to discuss works-in-progress with peers and established scholars. WHEATS was organized by graduate students at MIT and Harvard with generous support from MIT's Program in Science, Technology, and Society and the Dibner Institute for the History of Science and Technology. Next year's workshop will be hosted by the University of Virginia.

### Special Issue on Victorian Natural History

*Victorian Literature and Culture* seeks articles for an upcoming special issue on Victorian natural history. Essays should follow MLA guidelines and may address any aspect of Victorian natural history. Send two copies of manuscripts to Prof. Barbara T. Gates, Department of English, University of Delaware, by 31 December 2005. E-mail inquiries may be directed to [bgates@udel.edu](mailto:bgates@udel.edu).

### On Line Exhibition: Museum of the History of Science

The Museum of the History of Science, Oxford, has launched an online version of its exhibition: "Drug Trade: Therapy, Pharmacy and Commerce in Early-modern Europe," available at: <http://www.mhs.ox.ac.uk/drugtrade/index.htm>.

### New Chemistry Education Library at University of Sofia

The New Education Library has recently been established at the Department of Chemistry Education, 'St. Kliment Ohridski' University of Sofia. The aim is to collect journals and books that are hard to find in Bulgaria. For details please visit: <http://www.webspawner.com/users/edulibrary>.

### Science in the Nineteenth Century Periodical: An Electronic Online Index

The SciPer Project of the Universities of Leeds and Sheffield announces the publication of the first installment of Science in the *Nineteenth Century Periodical: An Electronic Index*, which is issued by hriOnline and is freely available at: <http://www.sciper.org>. The SciPer Index provides a scholarly synopsis of the material relating to science, technology, and medicine appearing in eight (soon to be increased to sixteen) general periodicals published in Britain between 1800 and 1900. With entries describing around 7,500 articles (doubling to more than 15,000 when complete), and with references to over 5,500 individuals, 2,000 publications, and 1,000 institutions, it provides an invaluable research tool for scholars interested in the representation of science and in the interpenetration of science and literature in nineteenth-century Britain, as well as for all students of the period. The second installment will be published in May. For further details of the SciPer Project, see the project Web site at: <http://www.sciper.leeds.ac.uk>.

### In Memoriam

Thomas M. Smith, professor emeritus of the history of science at the University of Oklahoma, died in Norman on 9 February 2005 from Parkinson's disease. He was 83 years of age. He had served on the Oklahoma faculty for 32 years when he retired in 1991. Prior to his arrival at OU in 1959, he had taught for three years at Cal Tech, and he had worked for three years as a scientific historian with the U.S. Air Force Air Research and Development Command. Tom Smith was educated at UCLA (B.A. 1946, political science) and at the University of Wisconsin (M.A. 1950, Ph.D. 1955, history of science and history). In the Oklahoma history of science program Tom Smith devoted a considerable part of his teaching effort to courses in the history of science and technology in American culture. He was particularly admired and respected for his mentorship of upper-division undergraduate and graduate students in history of science, and also of adult students in the College of Liberal Studies. Among many other technical publications he was co-author, with Kent C. Redmond of Fairleigh-Dickinson University, of *Project Whirlwind: The History of a Pioneer Computer* (Digital Press, 1980), and *From Whirlwind to MITRE: The R&D Story of the SAGE Air Defense Computer* (MIT Press, 2000). Tom Smith is survived by his wife of 48 years, Elizabeth ('Libba'), and three children – Margaret, Malcolm, and Daniel – and their families. The family has suggested that memorial contributions may be made to the Thomas M. Smith Fund, History of Science Collections. Checks should indicate Fund no. 0032095 and be made payable to the OU Foundation, 100 Timberdell Road, Norman, OK 73019-0586.

### University of British Columbia's History and Philosophy of Science Program

The University of British Columbia's History of Philosophy and Science program continues to grow. The addition of Bob Brain, Sylvia Berryman, and Keith Benson to the faculty has expanded the core of science studies. The history and philosophy

of science undergraduate major became a reality this year, and a graduate program may be in place in time for the 2006-07 academic year. In addition, two more historians of science will be brought on board in the very near future.

### New Book Reviews Editor for BJHS

On 10 February 2005 Dr. Ben Marsden handed over the duties of Book Reviews Editor for the *British Journal for the History of Science* to: Dr Gregory Radick, Division of History and Philosophy of Science, School of Philosophy, University of Leeds, Leeds LS2 9JT, United Kingdom. E-mail: G.M.Radick@leeds.ac.uk. Publishers should please update their databases accordingly, and especially take note that review copies and catalogs should now be sent direct to Dr. Radick at the address above.

### The New Dictionary of the History of Ideas

The *New Dictionary of the History of Ideas* (NDHI) was recently published by Charles Scribner's Sons (an imprint of Thomson Gale). This is a six-volume reference work revising the original 1974 *Dictionary of the History of Ideas*, which has long been admired as a landmark encapsulating the thinking of an era. The thoroughly revised NDHI brings gender inclusive and global perspectives to bear on the timeless questions about the individual and society. Under editor-in-chief Maryanne Cline Horowitz, associate editor Vassiliki Betty Smocovitis (the biological and life sciences), and advisor Kostas Gavroglu (the physical sciences), the NDHI includes over 50 new entries in the history and philosophy of science, ranging from minor entries of 1,500-2,000 words ("Pseudoscience" and "Consilience") to 8,000-10,000 ("Evolution" and "Medicine, European"). The NDHI entries are especially useful for teaching as well as for research. For information, please consult: <http://www.gale.com/servlet/ItemDetailServlet?region=9&imprint=000&titleCode=S176&type=4&id=188152>.

### European Society for the History of Science

The European Society for the History of Science held its first conference in Maastricht from 4-6 November 2004. The conference, "Science in Europe – Europe in Science: 1500-2000," brought together scholars from over a dozen European countries and set the pattern for major international meetings every two years, each organized in collaboration with a national society or other national body. At the General Assembly of the ESHS, held during the Maastricht conference, preliminary plans for the society's next major conference and General Assembly were approved. This conference will take place in Cracow, Poland in September 2006. The annual membership fee for the society is 20 euros (£14.50) for Individual Members, 100 euros (£72.50) for Individual Members and Friends, and 200 euros (£145) for Supporting Members. The society publishes an electronic newsletter three times a year. The newsletter's editor, Simon Werrett, would be pleased to receive news and information about forthcoming events relevant to the history of science in Europe. Contact: [werrett@u.washington.edu](mailto:werrett@u.washington.edu). Information about the ESHS, its newsletter, and its other activities, which are expected to include occasional meetings in addition to its main conferences, is available on its Web site at: <http://www.eshs.org>.

### ICHS-2005-Beijing: Visas

The Program for this summer's 22nd International Congress for History of Science, to be held in Beijing, China, 23-30 July, promises to offer an interesting and diverse combination of plenary lectures, special symposia, papers, and social events not to be missed. Full details about the Congress are available on the Congress Web site at: <http://2005bj.ihns.ac.cn/> or <http://www.conference.ac.cn/ichs05.htm>. Anyone wishing to attend the Congress should begin to make appropriate arrangements to obtain a visa as soon as possible. As soon as you have registered for the Congress (which can be completed easily online at:

### George Sarton Lecture: Philip J. Pauly

"Fighting Invasive Species: Lessons from our Nation's Prior Wars"



Philip J. Pauly delivered the 2005 George Sarton Lecture in History and Philosophy of Science to the American Association for the Advancement of Science. What follows is the abstract of the lecture he gave at the AAAS Annual Meeting at Washington, DC on February 18, 2005.

Fights against invasive species have concerned American scientists from the nation's beginnings up to the present. This historical lecture examines responses to the first organism that invaded the United States (the Hessian fly in the 1780s), the first organized and technologically sophisticated defense of natural areas (the Massachusetts campaign against the gypsy moth in the 1890s), and the most sweeping federal scientific program against invasives (including destruction of Washington's cherry trees in 1910 and the use of totalitarian methods to eradicate the medfly in 1929). Invaders could be vanquished, but there were costs and unintended consequences, for both the environment and for science. Broader issues concern how particular species have come to be interpreted as invaders of the United States, and the ways that Americans' foreign and military relations have shaped behavior toward other species.

<http://www.conference.ac.cn/ichs05/ichs.html>), the Congress Secretariat will send you an official invitation to help expedite the processing of your visa. Apply for an F-class visa (business). This can be done in person at the Chinese Embassy in Washington, DC, or at any of the Chinese Consulates in New York, Chicago, Houston, San Francisco, or Los Angeles. Download the visa application form and obtain further information about the process from the Embassy Web site at: <http://www.china-embassy.org/eng/default.htm>. Links to the Consulates may also be found there. Alternatively, information about visas is available at: [http://www.travelchinaguide.com/embassy/united\\_states.htm](http://www.travelchinaguide.com/embassy/united_states.htm). The visa application must be made in person, but your passport with visa can be returned to you by mail. If you cannot easily visit the Embassy or one of the Consulates, your travel agent or a visa broker can make the application for you. It is best to allow several months in advance of your expected date of entry into China to complete the visa process. Any specific questions about the visa application process may also be directed to the Congress Secretariat: Ms. Cuiling LAN, Secretariat of ICHS 2005 – Beijing, Center for International Scientific Exchanges, Chinese Academy of Sciences, No. 52, Sanlihe Road, Beijing 100864, China; Tel: +86-10-68597751; Fax: +86-10-68597753; E-mail: [clan@cashq.ac.cn](mailto:clan@cashq.ac.cn) or [clan@yahoo.com](mailto:clan@yahoo.com). As well, HSS Council member Joe Dauben is currently in Beijing for the spring term at

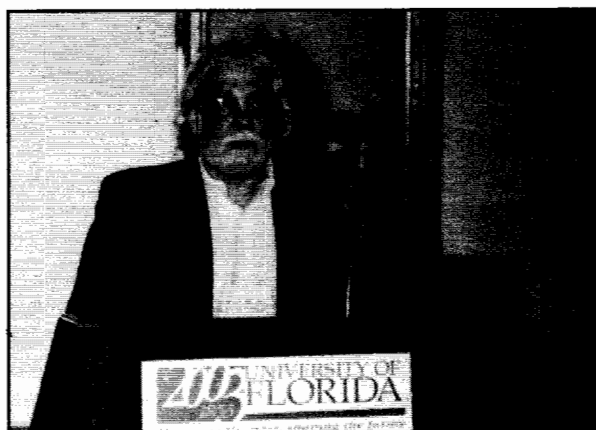
## History of Science Society Newsletter April 2005

the Institute for the History of Natural Sciences, CAS; any HSS members with questions about the Congress may reach him at [jdauben@att.net](mailto:jdauben@att.net).

### New M.A. Program at the University of Durham

The University's Department of Philosophy, Centre for the History of Medicine and Disease, and School for Health announce a new Masters Program in the History and Philosophy of Science and Medicine. This one-year (two years part-time) program's primary aim is to show how the intellectual vibrancy of the humanities is relevant to a deeper understanding of past and present medical and scientific issues. The Wellcome Trust, London has recognized this program for its masters awards funding scheme. For application procedures, visit the University Web page at: <http://www.dur.ac.uk/postgraduate/apply/>. Additional information is available on the Internet at: <http://www.dur.ac.uk/hpsm.ma>. You may also contact one of the Course Directors: Dr. Matthew D. Eddy, Department of Philosophy, [m.d.eddy@durham.ac.uk](mailto:m.d.eddy@durham.ac.uk), or Dr. Lutz D. H. Sauerteig, School for Health, CHMD, [l.d.sauerteig@durham.ac.uk](mailto:l.d.sauerteig@durham.ac.uk).

### Scientific Revolution Symposium at University of Florida



Organizer Robert A. Hatch welcoming symposium participants to the University of Florida.

The 25th anniversary of the publication of Carolyn Merchant's influential book *The Death of Nature: Women, Ecology & the Scientific Revolution* marked a happy conjunction with a symposium titled "The Scientific Revolution – Between Renaissance and Enlightenment – early modern science. Held at the University of Florida on 24-26 February, the symposium kicked off with an opening reception acknowledging Carolyn Merchant, jointly organized by the History of Science Society Executive Office and the Center for Women's Study and Gender Research. Over the following two days speakers from England and the US spoke on optics, faith and reason in the context of Blaise Pascal, the New Science and the Republic of Letters, Bacon and the language of torture, the influence of Newton, the Enlightenment reordering of the Scientific Revolution, Copernicus, and Kepler. The small group of scholars, who ranged from those at the beginning of their careers to those nearing retirement, covered much in the way of historiographical real estate in their reappraisal of the Scientific Revolution. Speakers were Carolyn Merchant, Brian P. Dolan, Rob Iliffe, Robert A. Hatch (organizer), A. Mark Smith, Wilbur Applebaum, Daniel T. Julich, and Patrick J. Boner.

### Ernst Mayr (1904-2005)



Ernst Mayr at St. Augustine, Florida

Ernst Mayr, Alexander Agassiz Professor Emeritus of Zoology at Harvard, died on 3 February 2005. Dr. Mayr, who celebrated his 100th birthday this past year, began his career as a naturalist, with a special interest in bird watching. His many influential books, spanning a career of some eight decades, helped establish the evolutionary synthesis of the 20th century.

### HSS Treasurer Search

After 10 years of exceptional service to the Society, Marc Rothenberg, Editor of the Joseph Henry Papers at the Smithsonian Institution, will be retiring as HSS Treasurer. The Society thus welcomes expressions of interest in, and nominations for, this position. The Treasurer oversees all HSS financial matters, and (as chair of the Committee on Finance) manages all budget-making and investment decision-making activity. The Treasurer is also a member of the HSS Executive Committee. Potential candidates for the position are urged to discuss their interest with Treasurer Rothenberg <[joseph-henr@aol.com](mailto:joseph-henr@aol.com)> or any other member of the HSS Executive Committee: Mike Sokal <[msokal@wpi.edu](mailto:msokal@wpi.edu)>, Joan Cadden <[jcadden@ucdavis.edu](mailto:jcadden@ucdavis.edu)>, Bernie Lightman <[lightman@yorku.ca](mailto:lightman@yorku.ca)>, Maggie Osler <[mjosler@ucalgary.ca](mailto:mjosler@ucalgary.ca)>, or Jay Malone <[jay@hsson-line.org](mailto:jay@hsson-line.org)>. The Executive Committee will conduct interviews at the 2005 meeting in Minneapolis and hopes that the Treasurer Elect will begin working with Treasurer Rothenberg in May 2006 and assume full responsibilities on 1 January 2007.



## Report on Council and Business Meetings in Austin – November 2004

By Margaret J. Osler, Society Secretary

We had a full agenda at last year's meeting. Major items dealt with included an interim report on the present fund-raising campaign, a new proposal from the University of Chicago Press for *Osiris*, and some proposals concerning Society prizes.

### Fund raising

The National Endowment for the Humanities has awarded the Society a grant to establish an endowment for the Society Bibliographer, who is responsible for producing the annual *Current Bibliography* published with *Isis* and available in a different format to members via the HST Database. The terms of the grant stipulate that in order to receive the NEH grant, HSS must raise money which the NEH will match on a one-to-four basis. That is, for every four dollars we raise, NEH will match one, up to a maximum of \$125,000. In other words, we must raise a total of \$500,000 by July 2007. Meeting the match is a high priority for the Society. President Sokal reported on progress to date. He noted that to meet our goals, we must raise \$160,000 by July 2005. The Executive Committee has established a Development Committee that is seeking large donations from foundations and philanthropic individuals. Often large donors ask about the extent of participation by the membership, and an important point emerged from this in the Council's discussion: we need a large proportion of HSS members to contribute to the fund, even if individual contributions are relatively small. The ideal scenario would be to get 100% of members to contribute, even if some contributed only one dollar.

### Prizes

The Committee on Honors and Prizes recommended establishing a new prize in the following motion: "The Suzanne J. Levinson Prize is to be awarded for a book in the history of the life sciences or natural history. In establishing the prize, Mark Levinson honors the memory of his wife Suzanne, who was especially interested in the history of evolutionary theory, microbiology, botany, and natural history; nominations in these areas are particularly welcome." Mark Levinson has donated the funds to endow the prize.

In a second recommendation, the Committee moved the renaming of the

Often large donors ask about the extent of participation by the membership, and an important point emerged from this in the Council's discussion: we need a large proportion of HSS members to contribute to the fund, even if individual contributions are relatively small.

The number of subscriptions to *Osiris* has dropped to a level that the Press considers unacceptably low. To make its publication financially viable, it proposed several different options ranging from ceasing to publish *Osiris* to publishing it as a sixth issue of *Isis* every year.

Schuman Prize as the Nathan Reingold Prize. As background to this motion, the Committee noted that the Schuman Prize had never been endowed, but has been supported by the HSS for many years. Marc Rothenberg spearheaded a successful campaign to raise money to endow the prize, honoring the late Nathan Reingold. This motion passed after considerable discussion.

### Osiris

Council also addressed the new proposal for *Osiris* presented by the University of Chicago Press. The number of subscriptions to *Osiris* has dropped to a level that the Press considers unacceptably low. To make its publication financially viable, it proposed several different options ranging from ceasing to publish *Osiris* to publishing it as a sixth issue of *Isis* every year (the *Current Bibliography* being the fifth). The Committee on Publications, after lengthy consideration of the proposals, recommended to the Executive Committee that *Osiris* be bundled with *Isis*. Bundling means that the two publications will each continue to have individual ISSNs, but a subscription to *Osiris* will be included in the membership package. This approach will save *Osiris* for a modest increase in dues. After lengthy discussion of both the details of the proposed bundling and the editorial policies of *Osiris*, Council approved the recommendation to bundle, as well as the new dues schedule.

Category	2005	2006	2007
Regular	\$72	\$86	\$91
Student	\$29	\$30	\$30
Retired	\$40	\$50	\$55
Family	\$96	\$100	\$105
(All amounts in US \$)			

The Business meeting on Sunday morning was better attended than usual, possibly because coffee and muffins were supplied to the valiant few who were present. The group approved the recommendations from Council.

## Future HSS Meetings

**Minneapolis, MN**  
(co-located meeting with SHOT)  
3-6 November 2005

**Vancouver, BC**  
(joint meeting with PSA)  
2-5 November 2006

**Washington, DC**  
1-4 November 2007

## Grants, Fellowships, and Prizes

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

### Bakken Library

Each year, **The Bakken Library and Museum** in Minneapolis offers Visiting Research Fellowships and Research Travel Grants to facilitate research in its collection of books, journals, manuscripts, and instruments. The subject of the Bakken's collections is the history of electricity and magnetism with a focus on their roles in the life sciences and medicine. Significant holdings include the works of natural philosophers, scientists, physicians, electro-therapists, and electrophysiologists of the 18th, 19th, and early 20th centuries. Related subjects and materials include mesmerism, animal magnetism, and hypnotism, in addition to works documenting the history of para-psychology, psychical research, and phrenology. Also of interest are collections of 19th-century medical and electro-medical ephemera, miscellaneous scientists' letters, and trade catalogs. The instrument collection includes electrostatic generators, magneto-electric generators, induction coils, physiological instruments, recording devices, and accessories. Travel Grants up to a maximum of \$500 (domestic) and \$750 (foreign) are to help defray the expenses of travel, subsistence, and other direct costs of conducting research at The Bakken. The minimum period of residence is one week. Application may be made at any time during the calendar year. For application guidelines or further information, please contact: Elizabeth Ihrig, Librarian, The Bakken Library and Museum, 3537 Zenith Avenue So., Minneapolis, MN., 55416, tel (612) 926-3878 ext. 227, fax (612) 927-7265, e-mail [Ihrig@thebakken.org](mailto:Ihrig@thebakken.org). Web site: <http://www.thebakken.org>; click on "Library" or "Research."

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

**California Institute of Technology Grants-in-Aid** offers research assistance of up to \$2,000 for work in the Papers of Victor Wouk in the Caltech Archives. The Maurice A. Biot Archives Fund and other designated funds offer research assistance up to \$1,500 to use the collections of the Caltech Archives. For all funds, applications will be accepted from students – working towards a graduate degree – or from established scholars. For further information on holdings and online resources, please consult the Archives' Web page: <http://archives.caltech.edu>. Applications will be reviewed quarterly: on January 1, April 1, July 1 and October 1 of each year.

### Andrew W. Mellon Travel Fellowship Program

**The University of Oklahoma** announces the Andrew W. Mellon Travel Fellowship Program for visitors to make use of the History of Science Collections. Proposals from scholars at both predoctoral and postdoctoral levels will be evaluated continuously upon receipt, and funds awarded shortly after the decision is made. For information, please contact: University of Oklahoma, The Andrew W. Mellon Travel Fellowship Program, Bizzell Library, 401 West Brooks, Room 521, Norman, OK 73019-0528, e-mail: [kmagruder@ou.edu](mailto:kmagruder@ou.edu) or [mogilvie@ou.edu](mailto:mogilvie@ou.edu). Web site: <http://libraries.ou.edu/etc/histsci/mellon.asp>.

### 2005 Lawrence Memorial Fund

The Award Committee of the Lawrence Memorial Fund invites nominations for the 2005 Lawrence Memorial Award. The annual award of \$2,000 is given to sup-

port travel for doctoral dissertation research in systematic botany or horticulture, or the history of the plant sciences, including literature and exploration. Professors are urged to nominate outstanding doctoral students who have achieved official candidacy for their degrees and will be conducting dissertation research that would benefit significantly from travel enabled by the Award. The Committee will not entertain direct applications. A student who wishes to be considered should arrange for nomination by his/her major professor; this may take the form of a letter which covers supporting materials prepared by the nominee. Letters of nomination and supporting materials, including seconding letters, should be received by the Committee no later than 1 May 2005 and should be directed to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, 5000, Forbes Avenue, Pittsburgh, PA 15213-3890. Tel: (412) 268.2434.

### University of Sheffield Studentship Award

**The University of Sheffield** is funding a Ph.D. with the aim of evaluating the scientific, historical, and cultural significance of an unpublished 17th-century French ornithological encyclopedia (992 pages): *Traité des Oyseaux* by J.-B. Faultrier (1660), recently discovered by Tim Birkhead. The Ph.D. is a novel, interdisciplinary project between the Departments of Animal and Plant Sciences and French, and will be supervised by Prof. Tim Birkhead F.R.S. and Dr. Emily Butterworth. The studentship (Stlg. 12,000 in 2005-06, increasing incrementally) is available to start in October 2005. The studentship is open to U.K. citizens and members of the E.U., and is tenable for three years, subject to satisfactory progress. Candidates should have a good first degree in French or fluency, an interest in the French language, history, history of science and ornithology. All enquiries should be addressed to: Mrs. Sue Carter, Dept. of Animal and Plant Sciences, University of Sheffield, Sheffield S10 2TN. E-mail: [S.Carter@sheffield.ac.uk](mailto:S.Carter@sheffield.ac.uk). Please see Prof. Birkhead's and Prof. Butterfield's respective Web sites: <http://www.shef.ac.uk/aps/staff/birkhead.htm> and <http://www.shef.ac.uk/french/staff/butterworth.htm>.

### BSHS Singer Prize

Eligible subscribers are encouraged to submit entries for the **BSHS** Singer Prize. Full details are given below. Please note the deadline, 15 December, rather than the older October deadline. The Singer Prize, of up to £300, is awarded by the BSHS every two years to the writer of an unpublished essay based in original research into any aspect of the history of science, technology or medicine. The Prize is intended for younger scholars or recent entrants into the profession. The Prize may be awarded to the writer of one outstanding essay, or may be divided between two or more entrants. The Prize will usually be presented at the BSHS annual conference and publication in the *British Journal for the History of Science* will be at the discretion of the Editor. Essays on offer or in press will not be eligible. Candidates must be registered for a postgraduate degree or have been awarded such in the two years prior to the closing date. Entry is in no way limited to British nationals. Essays must not exceed 8,000 words (including footnotes following the style guidelines in the *British Journal for the History of Science*), must be fully documented, type-written with double-line spacing, and submitted in English. Use of published and unpublished primary material is strongly encouraged, and full and correct use of scholarly apparatus (e.g. footnotes) is expected. Entries should be sent

to: BSHS Secretary, Dr. Sally Horrocks, School of Historical Studies, Leicester University, Leicester, LE1 7RH. Enquiries only by e-mail to [smh4@le.ac.uk](mailto:smh4@le.ac.uk). Do not send essays as e-mail attachments. For more information, please visit <http://www.le.ac.uk/history/people/smh4.htm>.

#### **Anesthesia History Association's Tenth Annual Resident Essay Contest**

**The Anesthesia History Association** announces its Tenth Annual Resident Essay Contest 2005. Entries must be received on or before 23 August 2005. This award, which has a \$500 honorarium, will be presented at the AHA's annual dinner meeting to be held in October 2005 in New Orleans. This dinner is held during the annual meeting of the American Society of Anesthesiologists. The second-place winner receives \$200 and the third-place winner receives \$100. The entrant must have written the essay either during his/her residency or within one year of completion of residency. Residents in any nation are eligible, but the essay must be submitted in English. The winning resident will be invited to present the essay in person at the annual spring meeting of the Anesthesia History Association. All entries will be considered for publication in the AHA's quarterly *Bulletin of Anesthesia History*. Three typed copies of a 1,000-3,000 word essay written in English and related to the history of anesthesia, pain management or critical care should be submitted to: William D. Hammonds, M.D., M.P.H., Professor of Anesthesia, Director of Pain Outcomes Research, Department of Anesthesia, University of Iowa, 200 Hawkins Drive, 6JCP, Iowa City IA 52242-1079, U.S.A. E-mail: [william-hammonds@uiowa.edu](mailto:william-hammonds@uiowa.edu). For more information: <http://www.anes.uab.edu/aneshist/ahaessays.htm>.

#### **Forum for the History of Science in America**

**The Forum for the History of Science in America** seeks nominations for the best article, published in English in 2002, 2003, or 2004, by a scholar who has received a Ph.D. within the last 10 years (1995 or later). The subject area – the history of North American Science – includes Canada, Mexico, the Caribbean, and the United States. Authors may nominate themselves. Nominations are due 15 May 2005 and may be sent to: Daniel Goldstein, University of California – Davis Shields Library, Humanities and Social Sciences Department, 100 NW Quad, Davis CA 95616-5292. E-mail: [dgoldstein@ucdavis.edu](mailto:dgoldstein@ucdavis.edu). The Forum Prize will be awarded at the general meeting of the Forum to be held at the History of Science Society meeting in Minneapolis, 3-6 November 2005.

## **Awards, Honors, and Appointments**

**Henrik Bruun** has been appointed Chief Editor of *Science Studies*, an international, peer-reviewed journal for science and technology studies. *Science Studies* is designed as an open forum for all perspectives on the study of science and technology, whether philosophical, historical, sociological, psychological, cognitive, educational, or politico-economic.

**Frank A. J. L. James** has been appointed Professor of the History of Science at the Royal Institution. This is the first time that such a position has been created at the Institution.

**William R. Newman** has received an endowed chair, the Ruth N. Halls Professorship, at Indiana University. Newman teaches the history of early modern and medieval science in the Department of History and Philosophy of Science at IU.

#### **Accommodations Available for the Milano Workshop: Physical Sciences in the Third World**

Through a grant awarded by the **Universidad Nacional de Colombia** to commemorate the World Year of Physics 2005, we are pleased to offer accommodations to participants in case of financial hardship. Thanks to an agreement between the University and the Intercontinental Hotel Tequendama, participants will be accommodated at this five-star hotel. To apply, contact: [meeting05\\_bog@unal.edu.co](mailto:meeting05_bog@unal.edu.co). Deadline is 15 April 2005. For more information: <http://www.fisica.unal.edu.co/milano/index.html>.

#### **Grants in Aid for History of Modern Physics**

**The Center for History of Physics of the American Institute of Physics** has a program of grants-in-aid for research in the history of modern physics and allied sciences and their social interactions. Grants can be up to \$2,000 each. They can be used only to reimburse direct expenses connected with the work. Grants will be given only to reimburse expenses for travel and subsistence to use the resources of the Center's Niels Bohr Library in College Park, Maryland, or expenses including travel and subsistence to tape-record oral history interviews or microfilm archival materials, with a copy for deposit in the Library. Applicants should suggest the persons they would interview or papers they would microfilm, or the collections at the Library they need to see; you can consult the online catalog at our Web site, <http://www.aip.org/history/>. Applicants should either be working toward a graduate degree in the history of science (in which case they should include a letter of reference from their thesis adviser), or show a record of publication in the field. To apply, send a vitae, a letter of no more than two pages describing your research project, and a brief budget showing the expenses for which support is requested to: Spencer Weart, Center for History of Physics, American Institute of Physics, One Physics Ellipse, College Park, MD 20740. E-mail: [sweart@aip.org](mailto:sweart@aip.org). Phone: (301) 209-3174. Fax: (301) 209-0882. The deadlines for receipt of applications are 15 April and 15 November of each year. For more information, please see: <http://www.aip.org/history/>.

#### **2005 Roy Porter Student Essay Prize Competition**

**The Society for the Social History of Medicine (SSHM)** invites submissions to its 2005 Roy Porter Student Essay Prize Competition. This prize will be awarded to the best original, unpublished essay in the social history of medicine. The competition is open to undergraduate and post-graduate students in full or part-time education. The winner will be awarded £500, and his or her entry may also be published in the journal, *Social History of Medicine*. Further details and entry forms can be downloaded from the SSHM's Web site: <http://www.sshm.org>.

The results of the 2004 Philosophy of Science Association election are in. The election was held to determine the president of the Association, as well as four board members. We congratulate President-elect **Lawrence Sklar** (University of Michigan), and officers-elect **Ellery Eells** (University of Wisconsin-Madison), **Noretta Koertge** (Emerita Indiana University, Bloomington; Associate Member of the Philosophy Department and Honors College), **Mary Morgan** (London School of Economics; University of Amsterdam), and **Wolfgang Spohn** (University of Konstanz).

**Mary Terrall** was awarded the Gottschalk Prize for 2004 by the American Society for Eighteenth-Century Studies for her book *The Man Who Flattened the Earth: Maupertuis and the Sciences in the Enlightenment*.

(continued from p. 1)

The Society's annual meetings also continue to grow along many dimensions, as our members employ novel formats to address all sorts of exciting new intellectual questions and a continually widening range of topics. These meetings attract attendees from all parts of the world, including large numbers who identify themselves with other fields.

The quadrennial meetings the Society sponsors with the British Society for the History of Science and the Canadian Society for the History & Philosophy of Science are equally attractive. The most recent, hosted last summer in Halifax, Nova Scotia, by CSHPS, proved a real intellectual and organizational success. And looking ahead to this summer's

International Congress of History of Science in Beijing, the Society has taken the lead in working with cognate societies to resolve long-standing difficulties relating to our fields' representation to the International Union of History & Philosophy of Science. The resulting four-society consortium will work to ensure that problems encountered in past years will not recur.

In the same way, the HSS program of honors and prizes has also taken on a greater international presence than ever before. The 2004 roster of prize winners (see "HSS Prizewinners," *HSS Newsletter*, January 2005) includes scholars from Germany and England, and the program continues to evolve in other ways. The Margaret W. Rossiter Prize for History of Women in Science is now fully endowed and well established, succeeding the previously unnamed award for work in the area. And as announced at the Society's 2004 annual meeting in Austin (and in the last *Newsletter* issue) the Henry & Ida Schuman Prize for the best graduate-student essay (awarded since 1956 but previously unfunded) has been endowed in honor of Nathan Reingold's mentoring of successive student generations. In Austin the HSS Council also voted to accept a major donation to establish the Suzanne J. Levinson Prize, a biennial award that will honor a book in the "history of the life sciences or natural history." Further details on this new prize will be forthcoming.

What's perhaps most impressive about this array of programs and activities is that it depends on and is made possible by the continued involvement of scores of the Society's members. This report has mentioned the names of many. But it has had to omit many more, such as the members of our publications' advisory boards and the members of our several prize committees. Officers of other societies and university and foundation officials are most impressed by the "spirit of volunteerism" that pervades HSS activities and that has long served the Society well. To be sure, HSS does have several full-time and part-time employees. But most who serve the Society and its members – including all of the officers and the editors of our major journals – carry out their tasks without HSS remuneration. They all deserve our grateful admiration.

This HSS "spirit of volunteerism" also emerges in the voluntary financial contributions made by literally hundreds of members and friends of the Society. This *Newsletter* issue (p. 22-23) lists more than 400 individuals and institutions that have supported the Society's programs over the past five years. Many have donated to the Sponsor-a-Scholar Program, which provides

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To date, we have raised almost \$100,000 for the Bibliographer's Fund, with individual donations and pledges ranging up to \$5,000. Several family foundations have given \$5,000 to \$10,000 each, and larger foundations have made contributions of up to \$30,000.

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HSS memberships to individuals in countries where currency inequities effectively prevent them from joining the Society. Numerous others have helped endow the Rossiter and Reingold prizes, and have contributed to the Hazen-Polsky Matching Fund, which supports HSS educational initiatives developed by the Society's most active Committee on Education.

Most recently, however, the Society's efforts to match its current Challenge Grant from the National Endowment for the Humanities has attracted significant contributions from many members and friends. NEH made this grant of \$125,000 to establish an HSS Bibliographer's Fund as an endowment, the income from which will support the annual creation of the *Isis Current Bibliography* and the HSTM Research Database. Just about all historians of science throughout the world rely heavily

on these resources, and ensuring their future is a goal around which HSS members and friends have begun to rally. But HSS will not meet NEH's challenge and get the full amount of this grant unless it matches it on a four-to-one basis, so that – to achieve full funding – the Society must raise \$500,000 by the end of July 2007.

To date, we have raised almost \$100,000 for the Bibliographer's Fund, with individual donations and pledges ranging up to \$5,000. Several family foundations have given \$5,000 to \$10,000 each, and larger foundations have made contributions of up to \$30,000. As we discuss even larger grants with several of the nation's leading foundations, their officers always ask, "How has the Society's membership itself supported this effort?" We're fortunate that we can cite the 400 plus recent contributors noted earlier. The Society's elected leaders have been especially liberal in their giving, as almost all living past and current officers and editors responded generously – with cash donations and multi-year pledges – to Past President John W. Servos's Officers' Incentive Fund. So too have just about all members of the Society's current elected Council.

For the most part, however, the Bibliographer's

Fund has grown as individual HSS members have written checks for (or used our secure Web site to donate) \$50 or \$100 or \$250 or even more. These members' contributions are another reflection of the "spirit of volunteerism" that all continue to praise, and they well illustrate just how much HSS members value the Society's bibliographies.

Despite these successes, to match the NEH Challenge Grant the Bibliographer's Fund will have to continue to attract new donors and (if at all possible) past contributors will have to maintain their earlier generosity. Even as many members have contributed, the closer we get to 100 percent participation the more evidence we can present to potential major donors that the Society and its members see this campaign as crucial to the future of the field. In addition, since NEH views pledges as the equivalent of cash donations, and since it expects us to double the current balance of the Bibliographer's Fund by the end of July, we hope that HSS members will consider making a multi-year commitment to this effort, as others have done. The HSS Executive Office can send gentle pledge reminders, can set up monthly credit card charges, or can help in other ways, such as working with potential contributors to establish legacy donations.

Only through such contributions can the Society match NEH's confidence in our discipline and profession and fully endow these bibliographies.



## Future Meetings

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

### Calls for Papers

**The European Meteorological Society** will hold its annual meeting 12-16 September 2005 in Utrecht, the Netherlands. To propose a paper or register, please visit the EMS Web site: <http://www.emetsoc.org/EMS5/index.html>. The deadline for receipt of abstracts is 27 May 2005. The deadline for pre-registration is 26 June 2005.

**Fifteenth Conference of the Canadian Science and Technology Historical Association** will be held 29 September to 2 October, 2005. Topics will be: Canada's scientific and technological heritage; World Year of Physics – 2005 (<http://www.wyp2005.org/>); other subjects relating to the history of science and technology. We also encourage you to organize sessions with other colleagues. Proposals must include a title, summary (75 to 100 words), and brief c.v. Abstracts and papers may be in either French or English. Deadline 2 May 2005: Send proposals to Suzanne Beauvais, Canada Science and Technology Museum, 2380 Lancaster Road, P.O. Box 9724, Station T, Ottawa ON K1G 5A3. Telephone: (613) 991-1429 Fax: (613) 990-3636 or by e-mail at: [CSTHA-AHSTC-2005@technomuses.ca](mailto:CSTHA-AHSTC-2005@technomuses.ca).

**The Role of Women in the History of Geology**, a one-day conference, will be held 28 November 2005 at the Geological Society, Burlington House, Piccadilly, London. The meeting welcomes papers on all aspects of the role of women in the history of geology. The submission (abstract) deadline is 20 June 2005. <http://www.geolsoc.org.uk>.

**The European Social Science History Association Conference** will be held in Amsterdam, 22-25 March 2006. For general information and for registration see <http://www.iisg.nl/esshc/>. Proposals for panels or individual papers on any subject dealing with the social history of health are invited. Suggestions are particularly encouraged on such topics as: Health and Ideologies; Global Health; Colonial Health; Moral Health; Occupational Health; Health as Commodity; Methodological/Historiographical topics; Nutrition as Health Factor. Submission deadline is 1 May 2005.

**The Society for the Social History of Medicine** invites submissions for its 2006 Annual Conference, "Practices and Representations of Health: Historical Perspectives," to be held at the University of Warwick on 28-30 June 2006. Abstracts must be submitted by e-mail by 1 May 2005 to Molly Rogers at: [molly.rogers@warwick.ac.uk](mailto:molly.rogers@warwick.ac.uk). If you are unable to submit electronically, please send eight copies of your abstract to: Molly Rogers, Centre for the History of Medicine, University of Warwick, Coventry CV4 7AL, U. K.

### Upcoming Conferences

**Utopian Visions and World's Fairs Symposium** will be held 15 April 2005 at the Hagley Museum and Library.

**Science for Sale? The Public Communication of Science in a Corporate World** will be held 15-17 April 2005 at Cornell University; <http://www.sts.cornell.edu/conferences/stscomm/index.php>.

**Forum on History of Physics of the American Physical Society**, 16-19 April 2005 at Tampa FL; <http://www.aps.org/meet/APR05/>.

**Epistemic Spaces – Annual Meeting of the Association of American**

**Geographers** will be held 5-9 April 2005 at Denver; <http://www.aag.org/annualmeetings/Denver2005/abstract.cfm>.

The 78th annual meeting of the **American Association for the History of Medicine** will be held in Birmingham, Alabama, 7-10 April 2005; <http://www.histmed.org/meetings.htm>.

**From Earthly Bowels into Light**. A three-day meeting on the history of cave research will be held in Torquay, England, 21-24 April 2005.

**Heritage of Technology – Gdansk Outlook 4**. An International Conference will be held at Gdansk, Poland, 4-7 May 2005; <http://hotgo4.mech.pg.gda.pl/>.

**The Second Stevens Institute Workshop on Science and Technology Studies: The 'Applied Science Problem'** will be held at the Stevens Institute of Technology, 6-8 May 2005; <http://www.hum.stevens.edu>.

**Imaging Nanospace**, 11-14 May 2005. For further information please contact: [jochen.hennig@staff.huberlin.de](mailto:jochen.hennig@staff.huberlin.de) or [nordmann@phil.tu-darmstadt.de](mailto:nordmann@phil.tu-darmstadt.de).

**2005 CSHM Annual Conference – Paradoxes of Citizenship: Environments, Exclusions, Equity** will be held at the University of Western Ontario, 3-5 June 2005.

**The Physical Sciences in the Third World: A Social History of Science and Development** will be held in Bogotá, Colombia, 11-13 June 2005; <http://www.fisica.unal.edu.co/milano/index.html>.

**The AAAS Pacific Division Meeting** will be held 12-16 June 2005 at Southern Oregon University, Ashland, OR; <http://pacific.aaas.org/>.

**Fifth International Conference on the Inspiration of Astronomical Phenomena (INSAP)** will be held at Adler Planetarium & Astronomy Museum, Chicago, 26 June-1 July 2005.

**The 20th International Congress of Historical Sciences**, University of New South Wales, 3-9 July 2005. Contact details: [cish2005@incompass.com.au](mailto:cish2005@incompass.com.au).

**International Commission on the History of Geological Sciences**. The 2005 INHIGEO meeting, with field excursions, will be held 4-11 July 2005 at Prague (Bohemia) and Mikulov (Moravia).

**Tenth Annual Meeting of the International Society for the History of the Neurosciences** will be held at New Hall, St Andrew's University, St Andrew's, Scotland, 5-9 July 2005; <http://www.ishn.org/>.

**Seventh Biennial History of Astronomy Workshop** will be held at the University of Notre Dame, 10 July 2005; <http://www.nd.edu/~histast4>.

**International Society for History, Philosophy and Social Studies of Biology** meeting will be held in Guelph, Ontario, 13-17 July, 2005; <http://www.ishpsb.org/>.

## History of Science Society Newsletter April 2005

**Perspectives on 20th-century Pharmaceuticals** will be held 14-16 July 2005 at Oxford University.

**BSHS 2005** will be held 15-17 July 2005 at the University of Leeds, UK, in conjunction with the International History, Philosophy and Science Teaching Group's 2005 Conference; <http://www.bshs.org.uk/conf/2005annual/>.

**The Atomic Bomb and American Society.** The three-day conference will be held 15-17 July 2005 at Oak Ridge, Tennessee.

**22nd International Congress of History of Science Conference** will be held in Beijing from 24-30 July 2005; <http://2005bj.ihns.ac.cn/>.

The 11th International Conference on the **History of Science in East Asia** will take place in Munich, Germany; 15-20 August 2005.

**Islands and Science: History of Sciences and Techniques from the 16th-20th Centuries** will be held 5-10 September 2005.

**History of Chemistry Conference: Chemistry, Technology and Society** will be held in Lisbon and Estoril, Portugal, 6-9 September 2005; <http://5ichc-portugal.ulusofona.pt>.

**A History of Medicine Conference** will be held at Ministère de la Recherche, Paris, France, 7-10 September 2005.

**Conference on the Human Sciences and Religion**, sponsored by the SFHSH, will take place in Paris, 21-23 September 2005.

**'Invisible Enemies': The Cultural Meaning of Infection and the Politics of 'Plague'** will be held at the University of Zurich, Switzerland, 21-24 September 2005.

**First International Conference on the Histories of Media Art, Science and Technology** will be held 28 September to 2 October 2005 at The Banff Centre, Canada; <http://www.bshs.org.uk/news/>.

**Symposium of the Centre for Research in Early Modern History, Culture and Science: The Scientific Terminology of Space and Time in the Academic Disciplines of the 17th and 18th Century** will be held 27-28 September 2005 at the Johann Wolfgang Goethe-Universität Frankfurt am Main.

**Society for the History of Technology Annual Meeting** will be held in Minneapolis, MN 3-6 November 2005; <http://www.shotprogram.org>.

**HSS Annual Meeting** will convene in Minneapolis, MN, 3-6 November 2005; <http://hssonline.org>.

**Remaking Boston: The City and Environmental Change Over the Centuries.** Massachusetts Historical Society in Boston on 4-6 May 2006.

## Jobs

*The following announcements have been edited for space. For full descriptions and for the latest announcements, please visit <http://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](mailto:newsletter@hssonline.org).*

**The Centre for the History of Science, Technology and Medicine, Imperial College** is seeking applicants for a Lecturer in the History of Medicine. Applicant's research specialties should be post-1800, though there is some preference for post-1900. A full job description and person specification is available online at: <http://www.ic.ac.uk/employment/academic/jobdescriptions/1103host.htm>. Informal enquiries may be directed to the Head of Centre, Professor Andrew Warwick at: [a.warwick@imperial.ac.uk](mailto:a.warwick@imperial.ac.uk). Completed application forms (one hard copy and one electronic copy to be submitted) should be sent, with a c.v., list of publications, research plan, and the names and addresses of three referees to: Robert Powell, Departmental Administrator, Centre for the History of Science, Technology and Medicine, Imperial College, London, SW7 2AZ.

**The Women's Studies Program of Hobart and William Smith Colleges** seeks a feminist scholar of women's health for a two-year contract beginning 2005, Ph.D. preferred. Our interest is in a scholar who can bridge Women's Studies to the natural sciences (including environmental studies) and/or public policy. Candidates with experience mentoring students of color are strongly encouraged. Candidates should submit a letter of application, writing sample, c.v., and three letters of recommendation. Applications should be directed to Betty M. Bayer, Chair, Women's Studies. Review of applications will begin immediately, and continue until the position is

filled. Information on Women's Studies can be found on their Web site: <http://academic.hws.edu/womstud/program.html>.

**The Legacy of R. L. Moore Project**, a nonprofit organization located in Austin, TX, supporting mathematical education through inquiry-based learning, seeks a full-time Executive Director. Applicants should have strong administrative or leadership experience in academic societies or professional associations. In addition, some experience in entrepreneurial-type management is desirable. Strong "hands-on" managerial leadership is essential. The Executive Director will coordinate workflow and assign "priority" while working actively with a small staff and a large, diverse group of consultants/volunteers/constituency members. The candidate should have exceptional communication, organizational and executive skills as well as an ability to articulate a mission-focused vision to diverse constituencies. Prefer advanced degree/M.B.A. with extensive/educational/administrative/membership/association experience. The prospective Executive Director must demonstrate accomplishment in combining leadership with administrative controls and support, while sustaining entrepreneurial initiatives. Because of the objectives of this project, experience and familiarity with inquiry based learning in science/mathematics is highly desired. Some research experience is also desirable. U S Citizenship required. E-mail cover letter and resume to: [personnel@edu-adv-foundation.org](mailto:personnel@edu-adv-foundation.org).

# 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](http://www.hssonline.org/society/isis/mf_isis.html).

**Agostoni, Claudia.** *Monuments of Progress: Modernization and Public Health in Mexico City, 1876-1910.* xvii+228 pp. Illus., tables, intro., notes, bibl., Index. Calgary: University of Calgary Press, 2004. \$45.00 (hardcover). 1552380947.

**Ash, Eric H.** *Power, Knowledge, and Expertise in Elizabethan England.* viii + 265 pp., illus., bib., index. Baltimore: Johns Hopkins University Press, 2004. \$45 (cloth). 0801879922.

**Attis, David; Mollan, Charles (Editors).** *Science and Irish Culture: Why the History of Science Matters in Ireland. Volume 1, 2004.* xvii+174 pp. Illus. Dublin: The Royal Dublin Society, 2004. 0860270475.

**Baron, David.** *The Beast in the Garden: A Modern Parable of Man and Nature.* 277 pp., Table, notes, bibl. New York: W. W. Norton and Company, 2004. \$14.95 (paper). 0393326349.

**Barona Vilar, Joseph Lluís.** *Salud, Tecnología y Saber Médico.* 267 pp., bibl. Madrid: Editorial Universitaria Ramón Areces, 2004. 8480046651.

**Bender, Bert.** *Evolution and "the Sex Problem": American Narratives during the Eclipse of Darwinism.* xvi + 389 pp., Table, intro., notes, bibl., index. Kent/London: The Kent State University Press, 2004. (cloth). 0873388097.

**Bender, John; Marrinan, Michael (Editors).** *Regimes of Description: In the Archive of the Eighteenth Century.* xiv + 287 pp., Table, illus., intro., app., notes., bibl., index. Stanford, California: Stanford University Press, 2005. \$22.95 (paper). 0804747423.

**Bensaude-Vincent, Bernadette.** *Faut-il Avoir Peur de la Chimie?.* 285 pp., Intro., bibl., index, table. Paris: Les Empêcheurs de Penser en Rond / Le Seuil, 2005. €20 (paper). 2846711267.

**Benthien, Claudia.** *Skin: On the Cultural Border Between Self and the World.* x+290 pp. Notes, bibl., index. New York: Columbia University Press, 2004. 02311250387.

**Beretta, Marco; Di Pasquale, Giovanni.** *Vitrum: Il Vetro fra Arte e Scienza nel Mondo Romano.* Exhibition Catalogue from the Museo degli Argenti, Palazzo Pitti, Firenze. 359 pp., illus. Apps., biblio. Firenze: Giunti, 2004. \$49.95 (paper). 880903662-X.

**Boulter, Michael.** *Extinction: Evolution and the End of Man.* xiv + 210 pp., index. Originally published in 2002. New York: Columbia University Press, 2005. \$17.95 (paper). 0231128371.

**Bowker, Geoffrey C.; Star, Susan Leigh.** *Sorting Things Out: Classification and Its Consequences.* (Inside Technology.) xii + 377 pp., bibl., indexes. Cambridge, Mass./London: The MIT Press, 1999. \$21 (cloth). 0262024616.

**Camerota, Michele.** *Galileo Galilei e la cultura scientifica nell'età della Controriforma.* 704 pp. Index. Rome: Salerno Editrice, 2004. 8884024315.

**Carmen, Ira H.** *Politics in the Laboratory: The Constitution of Human Genomics.* xvii + 341 pp., bibl., index. Madison: The University of Wisconsin Press, 2004. \$35 (cloth). 0299202100.

**Cassidy, David C.** *Einstein and Our World.* Second Edition.

162 pp., Table, illus., notes, bibl., index. Amherst, New York: Humanity Books, 2004. \$21.00 (paper). 1591022568.

**Castonguay, Stéphane; Limoges, Camille.** *François Blanchet. Tome 1: L'Étudiant et le Savant.* Recherches sur la Médecine, ou L'Application de la Chimie à la Médecine de François Blanchet. 396 pp., Table, notes, bibl., index. Montréal, Québec: VLB Éditeur, 2004. \$29.95 (paper). 2890058840.

**Cueto, Marcos.** *El Valor de la Salud Historia de la Organización Panamericana de la Salud.* viii + 211 pp., Table, intro., notes, bibl., index. Washington, DC: Organización Panamericana de la Salud, 2004. \$26.00 (cloth). 9275316007.

**Dardo, Mauro.** *Nobel Laureates and Twentieth-Century Physics.* xi + 533 pp., intro., table, app., notes, bibl., index. New York: Cambridge University Press, 2004. \$39.99 (paper). 0521540089.

**Daston, Lorraine; Mitman, Gregg (Editors).** *Thinking with Animals: New Perspectives on Antropomorphism.* vi + 230 pp., Table, intro., notes, index. New York: Columbia University Press, 2005. \$49.50 (cloth). 0231130384.

**Dawson, Virginia P.** *Ideas into Hardware: A History of the Rocket Engine Test Facility at the NASA Glenn Research Center.* illus., apps., bibl., index. Cleveland: NASA Glenn Research Center, 2004. 2004024041.

**De Gandt, François.** *Husserl et Galilée: Sur la Crise des Sciences Européennes.* 240 pp., Intro., table, bibl., index. Paris: Librairie Philosophique J. Vrin, 2004. €9 (paper). 2711617289.

**Dias, Nélia.** *La mesure des sens: Les anthropologues et le corps humain au XIXe siècle.* xi + 357 pp., Intro., notes, bibl., figs, table. France: Éditions Flammarion, département Aubier, 2004. €27 (paper). FV233904X1.

**Droste., Peter Johannes.** *Wasserbau und Wassermühlen an der Mittleren Rur: Die Kernlande des Herzogtums Jülich 8.-18.* Aachen, Germany: Shaker Verlage GmbH, 2003. 34,80. 3832220119.

**Fleming, Bruce.** *Science and the Self: The Scale of Knowledge.* 178 pp., Table, notes, bibl., index. Lanham, Maryland: University Press of America, Inc., 2004. \$28.00 (paper). 0761828443.

**Franklin, Julian H.** *Animal Rights and Moral Philosophy.* xix + 151 pp., bibl., index. New York: Columbia University Press, 2005. \$35 (cloth). 0231134223.

**Freund, Richard A.** *Secrets of the Cave of Letters: Rediscovering a Dead Sea Mystery.* 280 pp., illus., bibl., index. Amherst, NY: Humanity Books, 2004. \$30 (cloth). 1591022053.

**Ghirardi, GianCarlo.** *Sneaking a Look at God's Cards: Unraveling the Mysteries of Quantum Mechanics. Revised Edition.* Translated by Gerald Malsbary. xix + 487 pp., illus., tables, bibl., index. Princeton: Princeton University Press, 2004. \$35, \$22.95 (cloth). 0691121397.

**Givens, Jean A.** *Observation and Image-Making in Gothic Art.* xiv + 231 pp., figs., illus., bibl., index. New York: Cambridge University Press, 2005. \$80 (cloth). 0521830311.

**Golden, Janet.** *Message in a Bottle: The Making of Fetal Alcohol Syndrome.* 232 pp. Table, notes, index. Cambridge, Massachusetts: Harvard University Press, 2005. \$25.95 (cloth). 0674014855.

**Grandin, Karl; Wormbs, Nina; Widmalm, Sven (Editors).** *The Science-Industry Nexus: History, Policy, Implications.* (Nobel Symposium 123.) xvii + 457 pp., illus., index. Sagamore Beach, M.A.: Science History Publications/USA, 2005. \$54.95 (cloth). 0881353655.

**Grosz, Elizabeth.** *The Nick of Time: Politics, Evolution and the Untimely.* vii + 314 pp., bibl., index. Durham/London: Duke University Press, 2004. \$79.95 (cloth), \$22.95 (paper). 0822334003.

**Guillemin, Jeanne.** *Biological Weapons: From the Invention of State-Sponsored Programs to Contemporary Bioterrorism.* xii + 258 pp., index. New York: Columbia University Press, 2005. \$27.95, \$18.95 (cloth). 0231129424.

**Gumbrecht, Hans Ulrich; Marrinan, Michael J. (Editors).** *Mapping Benjamin: The Work of Art in the Digital Age.* xvi + 349 pp., Table, bibl., indexes. Stanford, California: Stanford University Press, 2003. (hardcover). 0804744351.

**Gutting, Gary (Editor).** *Continental Philosophy of Science.* Blackwell Readings in Continental Philosophy. Xii + 332 pp., Table, intro., notes, index. Malden, Massachusetts: Blackwell Publishing Inc., 2005. \$34.95 (paper). 0631236104.

**Hagner, Michael.** *Geniale Gehirn: Zur Geschichte der Elitegehirnforschung.* 375 pp., Table, intro., notes, bibl., index. Göttingen: Wallstein Verlag, 2004. €38 (cloth). 3892446490.

**Harari, Orna.** *Knowledge and Demonstration: Aristotle's Posterior Analytics.* The New Synthese Historical Library. Volume 56. ix + 158 pp., Table, intro., bibl., index. Dordrecht: Kluwer Academic Publishers, 2004. \$119 (cloth). 1402027877.

**Hein, Laura.** *Reasonable Men Powerful Words: Political Culture and Expertise in Twentieth-Century Japan.* xvii+328pp. Illus., notes, bibl., index. Los Angeles: University of California Press, 2004. 0520243471.

**Herz-Fischler, Roger.** *Adolph Zeising (1810-1876): The Life and Work of a German Intellectual.* x+184 pp. Intro., Notes, Biblio., CD-ROM. Ottawa, Canada: Mzinhigan Publishing, 2004. 0969300263.

**Hoberman., John.** *Testosterone Dreams: Rejuvenation, Aphrodisia, Doping.* 381 pp., Table, intro., notes, index. Berkeley, California: University of California Press, 2005. \$24.95 (cloth). 0520221516.

**Ingstad, Helge.** *The Apache Indians: In Search of the Missing Tribe.* Translated by Janine K. Stenehjelm. xvi+188 pp., Intro., illus., notes, biblio. Nebraska: University of Nebraska Press, 2004. \$24.95 US (cloth). 0803235040.

**Jacob, Margaret C.; Stewart, Larry.** *Practical Matter: Newton's Science in the Service of Industry and Empire. 1687-1851.* 201 pp., Table, intro., notes, illus., index. Cambridge: Harvard University Press, 2004. \$35.00. 0674014979.

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**Jay, Martin.** *Songs of Experience: Modern American and European Variations on a Universal Theme.* x+431 pp., Intro., index. Los Angeles: University of California Press, 2004. \$34.95 (cloth). 0520242726.

**Josephson, Paul R.** *Resources Under Regimes: Technology, Environment, and the State.* (New Histories of Science, Technology, and Medicine.) 269 pp., index. Cambridge, Mass.: Harvard University Press, 2005. \$39.95 (cloth). 0674014995.

**Kerr, Rose; Wood, Nigel.** *Joseph Needham. Science and Civilization in China: Volume 5: Chemistry and Chemical Technology: Part 12: Ceramic Technology.* xlix+918 pp., Pref., illus., tables, index, biblio. New York: Cambridge University Press, 2004. \$195.00 (hardcover). 0521838339.

**King, David.** *In Synchrony with the Heavens: Studies in Astronomical Timekeeping and Instrumentation in Medieval Islamic Civilization. Volume 1: The Call of the Muezzin.* (Studies I-IX) 900 pp., Leiden, The Netherlands: Brill Academic Publishers, 2004. \$199 (cloth). 9004122338.

**Kragh, Helge.** *Matter and Spirit in the Universe: Scientific and Religious Preludes to Modern Cosmology.* (History of Modern and Physical Sciences, vol. 3.) 298 pp., bibl., index. London: Imperial College Press, 2004. \$62 (cloth). 1860944698.

**Lagier, Raphaël.** *Les races humaines selon Kant.* (Pratiques théoriques.) 199 pp., bibl. Paris: Presses Universitaires de France, 2004. €18 (paper). 2130546579.

**Leijenhorst, Cees; Steenhakkers, Piet (Editors).** *Karl Schubmann: Selected Papers on Phenomenology.* xiii + 371 pp., Table, bibl., index. Dordrecht: Kluwer Academic Publishers, 2004. \$171 (cloth). 1402019726.

**Levin, Miriam R.** *Defining Women's Scientific Enterprise: Mount Holyoke Faculty and the Rise of American Science.* xiii + 209 pp., Intro., table, notes, bibl., index. Hanover/London: University Press of New England, 2005. \$26.00 (cloth). 1584654198.

**Lowenhaupt Tsing, Anna.** *Friction: An Ethnography of Global Connection.* xiv + 321 pp., bibl., index. New Jersey: Princeton University Press, 2004. \$59.50 (cloth). 0691120641.

**Mazur, Allan.** *A Romance in Natural History: The Lives and Works of Amadeus Grabau and Mary Anlin.* viii + 484 pp., Table, bibl., index. Syracuse, New York: Garret, 2004. (paper). 2004096697.

**Melosi, Martin V.** *Garbage in the Cities: Refuse, Reform, and the Environment.* Revised Edition. xvi + 302 pp., Intro., tables, figs., notes, index. Pittsburgh, Pennsylvania: University of Pittsburgh Press, 2005. \$27.95 (paper). 0822958570.

**Merrill Squier, Susan.** *Liminal Lives: Imagining the Human at the Frontiers of Biomedicine.* xvi+350 pp., Illus., notes, index. Durham: Duke University Press, 2004. \$23.95 (paperback). 082233366x.

**Moran, Bruce T.** *Distilling Knowledge: Alchemy, Chemistry and the Scientific Revolution.* (New Histories of Science, Technology, and Medicine.) 210 pp., illus., bibl., index. Cambridge: Harvard University Press, 2004. \$24.95 (cloth). 0674014952.

**Nieto Blanco, Carlos.** (estudio preliminar). *Augusto González de Linares: La Vida de los Astros.* Cantabria 4 Estaciones. 227 pp., Table. Santander: Servicio de Publicaciones, Universidad de Cantabria, 2004. 8481023868.

**Obrist, Barbara.** *La Cosmologie Médiévale. Textes et*

*Images I. Les Fondements Antiques.* Micrologus' Library 11. 380 pp., bibl., indexes. Firenze: Sismel Edizioni Del Galluzzo. 2004. €72 (paper). 8884501407.

**Olwell, Russell B.** *At Work in the Atomic City: A Labor and Social History of Oak Ridge, Tennessee.* ix + 165 pp., Table, illus., notes, bibl., index. Knoxville, Tennessee: The University of Tennessee Press, 2004. \$29.00 (cloth). 1572333243.

**Philip, Kavita.** *Civilizing Natures: Race, Resources, and Modernity in Colonial South India.* 256 pp., New Jersey: Rutgers University Press, 2004. 0813533600.

**Parker, John. R.L. Moore: Mathematician and Teacher.** xiv + 387 pp., Table, apps., bibl., index. Austin, Texas: The Educational Advancement Foundation, 2005. (cloth). 088385550.

**Pitrelli, Nico; Sturloni, Giancarlo (Editors).** *La Comunicazione della Scienza: Atti del I e II Convegno Nazionale.* (Scuola Internazionale Superiore di Studi Avanzati.) 367 pp., Roma: Zedigroma editore, 2004. 8888734090.

**Popara, Haso (Editor).** *Catalogue of the Arabic, Turkish, Persian & Bosnian Manuscripts in the Gbazi Husrev-Bey Library Sarajevo, Volume XIII.* (Catalogues of Islamic Manuscript Series: No 47.) 679 pp., illus., indexes. London/Sarajevo: Al-Furqan Islamic Heritage Foundation, 2004. 1873992858.

**Rév, István.** *Retroactive Justice: Prehistory of Post-Communism.* 340 pp., Intro., table, index. Stanford, California: Stanford University Press, 2005. \$24.95 (paper). 0804736448.

**Rigden, John S.** *Einstein 1905: The Standard of Greatness.* ix + 173 pp., bibl., index. Cambridge/London: Harvard University Press, 2005. \$21.95 (cloth). 0674015444.

**Roll-Hansen, Nils.** *The Lysenko Effect: The Politics of Science.* (Control of Nature.) 335 pp., bibl., index. Amherst, N.Y.: Humanity Books, 2005. \$25 (paper). 1591022622.

**Roper, Lyndal.** *Witch Craze: Terror and Fantasy in Baroque Germany.* xiv + 362 pp., Table, illus., notes, bibl., index. New Haven/London: Yale University Press, 2004. \$35.00 (cloth). 0300103352.

**Russ, Steve.** *The Mathematical Works of Bernardo Bolzano.* xxx + 698 pp., illus., bibl., indexes. Oxford/New York: Oxford University Press, 2004. £120 (cloth). 0198539304.

**Schaffer, Ekkehart.** *Die pythagoreische Tradition: Studien zu Platon, Kepler und Hegel.* (Collegium Hermeneuticum, Band 10) xii + 223 pp., Table, intro., bibl. Köln: Böhlau Verlag GmbH & Cie, 2004. 24.90. 3412147036.

**Schiebinger, Londa; Swan, Claudia (Editors).** *Colonial Botany: Science, Commerce and Politics in the Early Modern World.* vi + 346 pp., table, index. Philadelphia: University of Pennsylvania Press, 2005. \$55 (cloth). 0812238273.

**Schmitt, Stéphane.** *Histoire d'une question anatomique: la répétition des parties.* 700 pp., Table, intro., bibl., illus., indexes. Paris: Muséum national d'Histoire naturelle, 2004. €42 (paper). 2856535569.

**Schwerin, Alexander von.** *Experimentalisierung des Menschen: Der Genetiker Hans Nachtsheim und die vergleichende Erbpathologie 1920-1945.* (Geschichte der Kaiser-Wilhelm-Gesellschaft im Nationalsozialismus, Band 10.) 421 pp., bibl., index. Göttingen: Wallstein Verlag, 2004. €33 (paper). 389244773.

**Shackelford, Jole.** *A Philosophical Path for Paracelsian Medicine: The Ideas, Intellectual Context, and Influence of Petrus Severinus: 1540-1602.* (Acta Scientiarum Naturalium et Medicinalium, 46.) 519 pp., illus., bibl., index. Copenhagen: Museum Tusculanum Press, 2004. \$83 (cloth). 8772898178.

**Stern, David G.** *Wittgenstein's Philosophical Investigations: An Introduction.* (Cambridge Introduction to Key Philosophical Texts.) xv + 208 pp., bibl., index. New York: Cambridge University Press, 2004. \$65 (cloth). 0521814421.

**Taylor, Arlene G.; Tillett, Barbara B. (Editors).** *Authority Control in Organizing and Accessing Information: Definition and International Experience.* xxv + 651 pp., Table, notes, index. New York: The Haworth Information Press, An Imprint of The Haworth Press, Inc., 2004. (paper). 078902716X.

**Tucker, Richard P.; Russell, Edmund (Editors).** *Natural Enemy, Natural Ally: Toward an Environmental History of War.* vii + 280 pp., illus., index. Corvallis: Oregon State University Press, 2004. \$29.95 (paper). 0870710478.

**Varadarajan, Lotika (Editor).** *The Rahmani of M. P. Kunbikunbi Malmi of Kavaratti: A Sailing Manual of Lakshadweep.* xiv + 284 pp., Table., illus., intro., apps., bibl., index. New Delhi: Manohar Publishers & Distributors, 2004. (cloth). 817304287X.

**Urbanic, Allan; Feinberg, Beth (Editors).** *A Guide to Slavic Collections in the United States and Canada.* xi + 198 pp., Table, intro., index. New York: The Haworth Information Press, An Imprint of The Haworth Press, Inc., 2004. \$19.95 (paper). 0789022508.

**Waller, John.** *Leaps in the Dark: The Making of Scientific Reputations.* xii+292pp. Illus., Pref., Index. New York: Oxford University Press, 2004. 0192804847.

**Waltar, Alan E.** *Radiation and Modern Life: Fulfilling Marie Curie's Dream.* 336 pp., Table, intro., apps., notes, index. New York: Prometheus Books, 2004. \$28 (cloth). 1591022509.

**Watson, Andrew.** *The Quantum Quark.* x + 464 pp., intro., table, apps., bibl., index. New York: Cambridge University Press, 2004. \$30.00 (hardcover). 0521829070.

**Wellbery, David E. (Editor).** *A New History of German Literature.* xxv + 1004 pp., bibls., index. Cambridge, Mass.: The Belknap Press of Harvard University Press, 2004. \$45 (cloth). 0674015037.

**Wise, M. Norton (Editor).** *Growing Explanations: Historical Perspectives on Recent Science.* vi + 346 pp., Table, intro., notes, index. Durham/London: Duke University Press, 2004. \$89.95 (cloth). 0822333074.

**Yacher, Leon I.** *The Role of Geographer and Natural Scientist Henri François Pittier (1857-1950): In The Evolution of Geography as a Science in Costa Rica.* xx + 291 pp., Tables, figs., bibl., indexes. Lewiston, New York: The Edwin Mellen Press, 2004. \$119.95 (cloth). 0773463380.

**Zerubavel, Eviatar.** *Time Maps: Collective Memory and the Social Shape of the Past.* xii + 180 pp. Intro., table, figs., notes, bibl., indexes. Chicago, Illinois: University of Chicago Press, 2003. \$25.00 (paper). 0226981525.

**Zimmer, Marc.** *Glowing Genes: A Revolution in Biotechnology.* 221 pp., illus., index. New York: Prometheus Books, 2005. \$28 (cloth). 1591022533.



## Dissertations List

The HSS Newsletter, in cooperation with Jonathon Erlen (University of Pittsburgh), publishes dissertation titles that have been brought to our attention. The list below reflects information provided by Dr. Erlen (only dissertation titles placed in Dissertation Abstracts are included) and others and was current as of 1 December 2004. Please send any missing titles to [info@hssonline.org](mailto:info@hssonline.org).

**Ben-Zaken, Avner.** "The Angelus Novus of Early Modern Science: The Past, the East and the Circulation of Post-Copernican Astronomy in the Eastern Mediterranean, 1560-1660." University of California, Los Angeles, 2004, 394 pages. 3133014.

**Bruni, John P.** "Making the Fittest Culture: Social Darwinism and American Naturalist Writing at the Turn of the Twentieth Century." University of Kansas, 2003, 191 pages. 3130554.

**Bukeavich, Neal.** "Fictions of Nature: Ecology, Science, and Culture in Twentieth Century British Literature." West Virginia University, 2003, 250 pages. 3132937.

**Bussolini, Jeffrey.** "Los Alamos and Wen Ho Lee: Migration, Nation, And Security." City University of New York, 2004, 235 pages. 3127853.

**Carswell, Lilian P.** "Telling the Truth about Animals: Epistemology, Ethics, and Animal Minds in Melville, Darwin, Saunders, and London." Columbia University, 2004, 252 pages. 3133535.

**Christianson, James H.** "Revolutionizing Time and Space: The Close Accord of Modern Science and Aesthetics in Picturing Physical Planes." University of California, Santa Cruz, 2004, 255 pages. 3127391.

**Coen, Deborah Rachel.** "A Scientific Dynasty: Probability, Liberalism, and the Exner Family in Imperial Austria." Harvard University, 2004, 398 pages. 3131812.

**Daly, John Lawrence.** "John Macmurray's Philosophy of Science, Religion, and the Person." University of Chicago, 2001, 201 pages. 9997158.

**Doss, Helen Michelle.** "Subjectivity, Opposition, and Subversion: Divine Illumination, Right Reason, and the Revision of the Experimental Scientific Method in John Milton's 'Paradise Regained.'" University of California, Santa Cruz, 2004, 266 pages. 3135054.

**Garrett, Frances Mary.** "Narratives of Embryology: Becoming Human in Tibetan Literature." University of Virginia, 2004, 258 Pages. 3131460.

**Geary, Adam M.** "AIDS Prevention and the Experience of Culture (Michel Foucault)." University of California, Santa Cruz, 2004, 170 pages. 3135058.

**Goss, Andrew M.** "The Floracrats: Civil Science, Bureaucracy, and Institutional Authority in the Netherlands East Indies, and Indonesia, 1840-1970." University of Michigan, 2004, 449 pages. AAT 3138159.

**Greene, Benjamin Patrick.** "Crucified on a Cross of Atoms: Eisenhower, Science, and the Nuclear Test Ban Debate, 1945-1963." Stanford University, 2004, 435 pages. 3128394.

**Hamby, Erin Brooke.** "The Roots of Healing: Archaeological and Historical Investigations of African-American Herbal Medicine." University of Tennessee, 2004, 177 pages. 3130157.

**Henchman, Anna Alexandra.** "Astronomy and the Problem of Perception in British Literature, 1830-1910." Harvard University, 2004, 236 pages. 3131862.

**Huang, Carita Constable.** "Making Children Normal: Standardizing Children in the United States, 1885-1930." University of Pennsylvania, 2004, 389 pages. 3125839.

**Huss, John Edward.** "Experimental Reasoning in Non-experimental Science: Case Studies from Paleobiology." The University of Chicago, 2004, 232 pages. 3125619.

**Iannini, Christopher Paul.** "Fatal Revolutions: United States Natural Histories of the Greater Caribbean, 1707-1856." City University of New York, 2004, 315 pages. 3127882.

**Intemann, Kristen K.** "Should Science Be Value-Free?: Rethinking the Role of Ethical and Political Values in the Justification of Scientific Theories." University of Washington, 2004, 231 pages. 3131168.

**Jacobs, Robert Alan.** "Ground Zero: Nuclear Weapons and Social Transformation." University of Illinois at Urbana-Champaign, 2004, 293 pages. 3130940.

**Johnston, James Scott.** "Inquiry and Its Contexts: John Dewey and the Aims of Education." University of Illinois at Urbana-Champaign, 2004, 268 Pages. 3130945.

**Keshavjee, Serena.** "'L'Art Inconscient' and 'L'Esthetique des Esprits': Science, Spiritualism and the Imaging of the Unconscious in French Symbolist Art." University of Toronto, 2002, 409 pages. NQ91887.

**Kittelstrom, Amy.** "The Religion of Democracy: William James and Practical Idealism in Evolutionary America, 1870-1910." Boston University, 2004, 376 pages. 3124847.

**Lameter, Christoph.** "Divine Action in the Framework of Scientific Knowledge: from Quantum Theory to Divine Action." Fuller Theological Seminary, 2004, 344 pages. 3125119.

**Marotte, Mary Ruth.** "The Captive Body: Nineteenth and Twentieth-century Women Writers Redefine Pregnancy and Childbirth." University of Tennessee, 2004, 205 pages. 3126891.

**Miller, Elisa.** "In the Name of the Home: Women, Domestic Science, and American Higher Education, 1865-1930." University of Illinois at Urbana-Champaign, 2004, 331 pages. 3130983.

**Naughton, Mary T.** "John Saxon versus the National Council of Teachers of Mathematics: Looking below the

Surface of an Educational Controversy." New York University, 2004, 212 pages. 3124959.

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## History of Science Society Election Ballot

(Must be returned in official envelope in your newsletter and received no later than 1 June 2005). See bios starting on page 3.

### Vice President

Two-year term followed by two-year term as President:

1 January 2006 - 31 December 2007

Please vote for *one* of the *two* candidates.

- \_\_\_\_\_ Jane Maienschein (Arizona State University)  
\_\_\_\_\_ Theodore M. Porter (University of California, Los Angeles)

### Council Nominees:

Three-year term:

1 January 2006 - 31 December 2008

Please vote for *five* of the *ten* candidates.

- \_\_\_\_\_ Ken Alder (Northwestern University)  
\_\_\_\_\_ Mark V. Barrow, Jr (Virginia Tech)  
\_\_\_\_\_ David Cahan (University of Nebraska)  
\_\_\_\_\_ Fa-ti-Fan (SUNY, Binghamton)  
\_\_\_\_\_ John Krige (Georgia Institute of Technology)  
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\_\_\_\_\_ Marsha Richmond (Wayne State University)  
\_\_\_\_\_ Alan Rocke (Case Western Reserve University)  
\_\_\_\_\_ James Strick (Franklin and Marshall College)  
\_\_\_\_\_ write-in candidate: \_\_\_\_\_

### Nominating Committee: (At Large)

One-year term:

1 July 2005 - 30 June 2006

Please vote for *three* of the *six* candidates.

- \_\_\_\_\_ Otniel E. Dror (The Hebrew University of Jerusalem)  
\_\_\_\_\_ James Evans (University of Puget Sound)  
\_\_\_\_\_ Robert Kohler (University of Pennsylvania)  
\_\_\_\_\_ Pamela E. Mack (Clemson University)  
\_\_\_\_\_ Lawrence Principe (Johns Hopkins University)  
\_\_\_\_\_ Alice N. Walters (University of Massachusetts, Lowell)  
\_\_\_\_\_ write-in candidate: \_\_\_\_\_

### Nominating Committee: (Council)

One-year term:

1 July 2005 - 30 June 2006

Please vote for *two* of the *four* candidates.

- \_\_\_\_\_ Bruce J. Hunt (University of Texas at Austin)  
\_\_\_\_\_ Diane B. Paul (University of Massachusetts Boston)  
\_\_\_\_\_ Andrea A. Rusnock (University of Rhode Island)  
\_\_\_\_\_ Jole Shackelford (University of Minnesota)  
\_\_\_\_\_ write-in candidate: \_\_\_\_\_

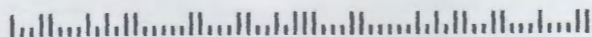
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