

## NEWSLETTER



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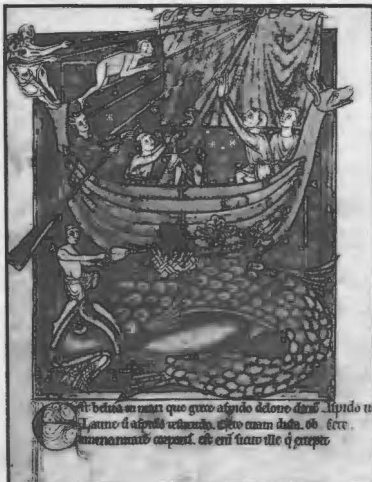
# HISTORY OF SCIENCE SOCIETY

## HISTORY OF SCIENCE SOCIETY AND THE CONTRACT WITH AMERICA

The Enola Gay controversy at the Smithsonian, political criticism of gender and ethnic studies in academia, the nomination of a former governor and Clinton campaign chair to be the U.S. Archivist, congressional floor debates over the National Standards for History, the numerous proposals to abolish NEA and NEH—all of these events and more represent a growing politicization of the academic arena. Washington observers expect this process to continue as politicians attempt to reduce the federal deficit by examining programs that may be depicted as politically unacceptable. And while the more dangerous aspects of the Contract with America may soon be diffused as the Contract undergoes its exposure into the realities of politics within the Beltway, members of the History of Science Society should take note that we need to be responsive to our new congressional leaders. This is especially true in dealing with the 104th Congress, because so many of its members are not only new to Washington, but new to the political arena and to the agencies over which they now have legislative responsibility.

As I have mentioned before, HSS is very fortunate to be closely affiliated with three effective and active lobbying organizations in Washington, the National Humanities Alliance (John Hammer), the National Coordinating Committee for the Promotion of History (Page Putnam Miller), and the Consortium of Social Science Associations (Howard Silver). In addition, our own Washington Representative, Ronald Calinger

*(continued on page 33)*



Et beatus in mari que greco aliqno dclono dicit. Aliqdo in  
Lanno d' aqnois rebuado. Cito nam dudu. 66. fere  
Inveniamus corpus. Et eni facit ille q' greco



Two images from research projects supported by NEH funds, one is from a scholar's study of Latin bestiaries (left), and the other from an exhibit sponsored by the Idaho State Historical Society on the history of saddlemaking in the West (right).

### HSS EXECUTIVE COMMITTEE

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DAVID C. LINDBERG,  
University of Wisconsin-Madison

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University of Florida

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

The *Newsletter* is edited and desktop-published at the Office of the Executive Secretary by Production Manager Amy Lantier on an Apple Macintosh-based system using Microsoft Word and Aldus PageMaker.

Send news for the *Newsletter* (preferably on disk, in MS-DOS or Macintosh format) to the Office of the Executive Secretary, History of Science Society, DR-05, University of Washington, Seattle, WA 98195-0001 USA; telephone (206) 543-9366; fax (206) 685-9544; e-mail (via Internet) amy1@u.washington.edu. The deadline for receipt of news is the first of the month prior to publication. Long articles and announcements should be submitted at least two weeks before the first of the month on disk, accompanied by a hard-copy of the document.

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Jane Maienschein



Albert Van Helden



James R. Bartholomew



Joan Cadden

## THE 1995 HSS ELECTION CANDIDATES' BIOGRAPHIES

### For Vice-President

#### JANE MAIENSCHIN

Professor of Philosophy and Zoology, and Chair of Philosophy, Arizona State University. Ph.D., Indiana University, 1978. HSS Activities: Finance Committee, 1985–1993; Dibner Visiting Lecturer's Committee, 1985–1987; Council, 1987–1989; Watson Davis Prize Committee, 1987–1989 (Chair, 1988–1989); Committee on Research and the Profession, 1987–1989; Nominating Committee, 1988–1989; President's Program and Priorities Committee, 1988–1989; Dibner Visiting Historian of Science Lecturer, 1994–1995. Selected Publications: *Transforming Traditions in American Development Biology* (Johns Hopkins University Press, 1991); *100 Years Exploring Life. An Autobiography of the Marine Biological Laboratory* (Jones and Bartlett Press, 1989); With Keith Benson and Ronald Rainger, editors, *The American Development of Biology and The Expansion of American Biology* (Rutgers University Press, 1991); "Cutting Edges Cut Both Ways," *Biology and Philosophy* (1994) 9:1–24; "Why Collaborate," *Journal of the History of Biology* (1993) 26:167–183.

#### ALBERT VAN HELDEN

Lynette S. Autrey Professor of History, Department of History, Rice University, Houston, Texas. Ph.D., Imperial College, University of London, 1970. HSS Activities: Program Chair, 1984; Visiting Lecturer's Committee, 1986–1991; Watson Davis Prize Committee, 1987–1989; Nominating Committee, 1991; Committee on Publications, 1990–1994 (Chair, 1994). Selected Publications: *The Invention of the Telescope* (American Philosophical Society, 1977); *Measuring the Universe: Cosmic Dimensions from Aristarchus to Halley* (Chicago: University of Chicago Press, 1985); *Sidereus Nuncius or the Sidereal Messenger* (Chicago: University of Chicago Press, 1989); co-edited with C. Kenneth Waters, *Julian Huxley: Biologist and Statesman of Science* (Houston: Rice University Press, 1992); co-edited with Thomas L. Hankins, "Instruments," *Osiris*, Vol. 9 (1994).

### For Council

#### JAMES R. BARTHOLOMEW

Professor, Department of History, The Ohio State University, Columbus, Ohio. Ph.D., Stanford University, 1972; Macy Fellow in the History of Medicine and Biological Sciences, Department of the History and Philosophy of Science, Harvard University, 1969–71. HSS Activities: Participant, HSS 1982 Annual Meeting (Philadelphia); Participant, Conference on Critical Problems in the History of Science and Technology, University of Wisconsin–Madison, in conjunction with the HSS 1991 Annual Meeting, (Madison); Pfizer Award recipient, 1992. Selected Publications: *The Formation of Science in Japan: Building a Research Tradition* (New Haven & London: Yale University Press, 1989; paperback 1993); "Japanese Culture and the Problem of Modern Science," in A. Thackray & E. Mendelsohn, eds. *Science and Values: Patterns of Tradition and Change* (New York: Humanities Press, 1974), pp. 109–155; "Science, Bureaucracy and Freedom in Meiji and Taisho Japan," in T. Najita and J. V. Koschmann, eds. *Conflict in Modern Japanese History: The Neglected Tradition* (Princeton: Princeton University Press, 1982), pp. 295–341; "Perspectives on Science and Technology in Japan: the Case of Fukui Ken'ichi," *Historia Scientiarum*, Vol. 4, No. 1 (June 1994), pp. 47–54; "Modern Science in Japan: Comparative Perspectives," *Journal of World History*, Vol. 4, No. 1 (Spring 1993), pp. 101–116.

#### JOAN CADDEN

Professor of History, Kenyon College. Ph.D., History and Philosophy of Science, Indiana University, 1971. HSS Activities: Editorial Board, 1986–1989; Zeitlin-Ver Brugge Prize Committee, 1986 (Chair, 1987); Committee on Unaffiliated Scholars, 1977–1983; Council member, 1975–1978; Chair, Schuman Prize Committee, 1975; Nominating Committee, 1973, 1976. Selected Publications: "Science and Rhetoric in the Middle Ages: The Natural Philosophy of William of Conches," *Journal of the History of Ideas* 56 (1995):1–24; *Meanings of Sex Difference in the Middle Ages: Medicine, Science, and Culture* (New York: Cambridge University Press, 1993); "It Takes All Kinds: Sexuality and Gender Differences in Hildegard of Bingen's Book of Compound Medicine," *Traditio* 40 (1986):149–74. [Photograph taken by Larry Hamill; Courtesy of Kenyon College]



Joseph Dauben



Arthur Donovan



Mott Greene



Anita Guerrini

### JOSEPH DAUBEN

Professor of History and the History of Science, Herbert H. Lehman College and Ph.D. Program in History, The Graduate Center, City University of New York. Ph.D., Harvard University, 1972. HSS Activities: Co-chair, Local Arrangements Committee, HSS 1979 Annual Meeting (New York City); Publications Committee, 1982–1986; HSS Coordinator of Programs, 1985, 1988; HSS representative, ACLS, 1986–1988; HSS Annual Meeting Session Organizer, 1992, 1994; IUHPS representative, 1994–1997; *Osiris* Editorial Board, 1994–1998. Selected Publications: *Abraham Robinson: The Creation of Nonstandard Analysis. A Personal and Mathematical Odyssey* (Princeton, 1995); Editor: with M. Folkerts, E. Knobloch and H. Wussing, *Festschrift in Honor of Christoph J. Scriba* (Academic Press, 1995); "Peirce and the History of Science," in Ketner K.L., ed., *Peirce and Contemporary Thought: Philosophical Inquiries, The Plenary Address of the 1989 Harvard Sesquicentennial Peirce Congress* (Fordham University Press, in press); "Are There Revolutions in Mathematics?" in J. Echeverria, A. Ibarra and T. Mormann, eds., *The Space of Mathematics* (Berlin: De Gruyter, 1992), pp. 203–226; "La Matematica," in W. Shea, ed., *Storia delle Scienze. Le Scienze Fisiche e Astronomiche* (Einaudi, 1992), pp. 258–289.

### ARTHUR DONOVAN

Professor of History, Department of Humanities, U.S. Merchant Marine Academy, Kings Point, New York. Ph.D., Princeton, 1970. HSS Activities: Member, Committee on Undergraduate Education, 1976–1979; Program Chair, HSS 1979 Annual Meeting (New York City); Council Member, 1982–1984; Nominating Committee, 1988 (Chair, 1983); Pfizer Prize Committee, 1982 (Chair, 1983); Committee on Visiting Lecturers, 1985–1987; Advisory Editor, *Isis*, 1984–1989. Selected Publications: *Antoine Lavoisier: Science, Administration, and Revolution* (Oxford Blackwell, 1993); *Scrutinizing Science: Empirical Studies of Scientific Change*, Arthur Donovan, Larry Laudan and Rachel Laudan, eds. (Dordrecht, D. Reidel, 1988; reprint, Johns Hopkins University Press, 1992); *The Chemical Revolution—Essays in Reinterpretation*, Arthur Donovan ed., *Osiris*, new series, Vol. 4 (Philadelphia, History of Science Society, 1988); *James Hutton's Medical Dissertation*; the Latin text and an English translation (Philadelphia, *Transactions of the American Philosophical Society*, Vol. 70, Part 6, 1980); *Philosophical Chemistry in the*

*Scottish Enlightenment: The Doctrines and Discoveries of William Cullen and Joseph Black* (Edinburgh, Edinburgh University Press, 1975).

### MOTT GREENE

John B. Magee Distinguished Professor of Science and Values, University of Puget Sound, Tacoma, Washington. Ph.D., University of Washington, 1978. HSS Activities: Visiting Historian of Science, 1987–1989; Dibner Visiting Historian of Science, 1993–1995; Advisory Editor, *Osiris*, 1994–1998, Advisory Editor, *Isis*, 1994–1998. Selected Publications: *Geology in the Nineteenth Century* (Ithaca and London: Cornell University Press, 1982); "History of Geology" in Sally Gregory Kohlstedt and Margaret Rossiter: *Historical Writing on American Science* (Baltimore and London: Johns Hopkins University Press, 1985), pp. 97–117; *Natural Knowledge in Preclassical Antiquity* (Baltimore: Johns Hopkins University Press, 1992); "Oceanography's Double Life," *Earth Sciences History*, Vol. 12, #2, 1992, pp. 48–53.

### ANITA GUERRINI

Lecturer, Department of History, University of California, Santa Barbara. Ph.D., Indiana University, 1983. HSS Activities: Committee on Independent Scholars, 1990–1992; Schuman Prize Committee, 1992–1994 (Chair, 1994); *Isis* advisory editor, 1995–1997. Selected Publications: *Natural History and the New World: An Annotated Bibliography* (American Philosophical Society Library, 1986); *An Enlightened Physician: A Life of George Cheyne* (under review); "The Tory Newtonians: Gregory, Pitcairne and their Circle," *Journal of British Studies*, 25 (1986): 288–311; "The Ethics of Animal Experimentation in Seventeenth-century England," *Journal of the History of Ideas*, 50 (1989): 391–407; "Newtonian Medicine and Religion," in A. Cunningham and O. P. Grell, eds., *Religio Medici: Religion and Medicine in Seventeenth Century England* (Wellcome Institute Series, Amsterdam and Atlanta: Rodopi, in press 1995).



Roger Hahn



Susan Lindee



Shirley Roe



Heinrich von Staden

## ROGER HAHN

Director, Office for History of Science and Technology, Berkeley. Ph.D., History, Cornell University, 1962; Effective member, Académie Internationale d'Histoire des Sciences. HSS Activities: Council Member, 1967–1970, 1977–1980; Delegate to American Association for the Advancement of Science, 1967–1972; Chair, Nominating Committee, 1975–1976; Chair, Pfizer Prize Committee, 1970–1971; Henry Schuman Prize Committee, 1963–1964; Sarton Medal Committee 1989–1991; President, West Coast History of Science Society, 1982–1984; Chair, U.S. delegation to XVth International Congress of History of Science, Edinburgh, 1977; Co-organizer, XVIIth International Congress of History of Science, Berkeley, 1985; Berkeley Advisory Editor to *Isis*, History of Science, Social Studies of Science, Nuncius; Associate Editor, *Historical Studies in the Physical and Biological Sciences*. Selected Publications: "The Laplacean View of Calculation," in *The Quantifying Spirit of the Eighteenth Century*; "The Age of Academies," in *Solomon's House Revisited* (Canton, Science History Publications, 1990); "The Meaning of the Mechanistic Age," in *Boundaries of Humanity* (Berkeley: University of California Press, 1991); "The Ideological and Institutional Difficulties of a Jesuit Scientist in Paris," in R. J. Boscovich, *Vita e Attivita Scientifica* (Rome, Istituto della Enciclopedia, 1993); *Calendar of the Correspondence of Laplace* (Berkeley: Office for History of Science and Technology, 1994).

## SUSAN LINDEE

Assistant Professor, Department of the History and Sociology of Science, University of Pennsylvania, Philadelphia, Pennsylvania. Ph.D., Cornell University, 1990. HSS Activities: Committee on Research and the Profession, 1995–1997. Selected Publications: *Suffering Made Real: American Science and the Survivors at Hiroshima* (Chicago: University of Chicago Press, 1994); *The DNA Mystique: The Gene as a Cultural Icon* (with Dorothy Nelkin) (New York: W. H. Freeman, 1995); "Atonement: Understanding the No-treatment Policy of the Atomic Bomb Casualty Commission," 1994, *Bulletin of the History of Medicine*, 68:454–490; "What is a Mutation? The Problem of the Mutant Locus in the Genetics of the Atomic Bomb Casualty Commission," *Journal of the History of Biology*, Vol. 25, No. 2, Summer 1992, pp. 231–255. "The American Career of Jane Marcet's Conversations on Chemistry, 1806–1853," *Isis*, 1991, 82:8–23.

## SHIRLEY ROE

Professor of History, Department of History, University of Connecticut. Ph.D., Harvard University, 1976. HSS Activities: Nominating Committee, 1993–1994, 1988–1989; Committee on Publications, 1987–1991 (Chair, 1991); Committee on Meetings and Programs, 1987–1989; Program Co-chair, HSS 1988 Annual Meeting (Cincinnati); Council Member, 1987–1989; Schumann Prize Committee, 1985–1986 (Chair, 1986). Selected Publications: *Matter, Life, and Generation: Eighteenth-century Embryology and the Haller-Wolff Debate* (Cambridge: Cambridge University Press, 1981); *Science Against the Unbelievers: The Correspondence of Bonnet and Needham, 1760–1780*, with Renato G. Mazzolini (Oxford: the Voltaire Foundation, 1986); "Metaphysics and Materialism: Needham's Response to d'Holbach," *Studies on Voltaire and the Eighteenth Century*, 284 (1991):309–342; "Buffon and Needham: Diverging Views on Life and Matter," in *Buffon 88*, pp. 439–450 (Paris: Librairie Philosophique J. Vrin, 1992).

## HEINRICH VON STADEN

Professor of Classics and Comparative Literature, and core faculty member in History of Medicine and Science, Yale University, New Haven, Connecticut. Ph.D., Universität Tübingen, 1968. HSS Activities: *Isis* Advisory Editorial board, 1990–1992; participant, HSS Annual Meetings (paper in *Critical Issues* series, 1991; speaker at joint AHA–HSS panel, 1992). Selected Publications: *Herophilus. The Art of Medicine in Early Alexandria* (Cambridge University Press, 1989; 2nd ed. 1994); "Affinities and Elisons: Helen and Hellenocentrism," *Isis* 83 (1992): 578–595; "Spiderwoman and the Chaste Tree: The Semantics of Matter," *Configurations* 1 (1992): 23–56; "Celsus, the 'rationalists' and Erasistratus," in P. Mudry and G. Sabbah, eds., *La Médecine de Celse* (Saint-Étienne: CNRS, 1994), pp. 77–101; "The Discovery of the Body: Human Dissection and Its Cultural Contexts in Ancient Greece," *The Yale Journal of Biology and Medicine* 65 (1992): 223–241.



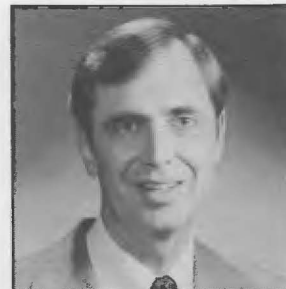
Paul Farber



Lily Kay



Rachel Laudan



Albert Moyer

## For Nominating Committee from Council

### PAUL FARBER

Distinguished Professor of History of Science and Chair, Department of History, Oregon State University, Corvallis, Oregon. Ph.D., Indiana University, 1970. **HSS Activities:** Committee on Undergraduate Education, 1976–1978; Council Member, 1978–1981, 1995–1997; Committee on Meetings and Programs, 1986–1989; Program Co-Chair, HSS 1993 Annual Meeting (Santa Fe); Chair, Committee on Independent Scholars, 1993–1994; Committee on Research and the Profession, 1993–1994. **Selected Publications:** *The Emergence of Ornithology as a Scientific Discipline: 1760–1850* (Dordrecht, D. Reider, 1982); *The Temptations of Evolutionary Ethics* (Berkeley, University of California Press, 1994); co-edited with Margaret Osler, *Religion, Science, and Worldview: Essays in Honor of Richard Westfall* (Cambridge, Cambridge University Press, 1985); "The Laws of Nature and the Laws of Life (1780–1900)," in P. Corsi and C. Pogliano, eds., *Storia Delle Scienze*, volume IV, *Science of Nature of Man* (Milan, Electra, forthcoming); "Collectors, Collections, and Systematics: The Paris Connection," in Roger Chartier, ed., *Le Museum au premier siècle de son histoire* (Paris, Editions de l'École Pratique des Hautes Etudes en Sciences Sociales, forthcoming); "The Siren of Evolutionary Ethics: Darwin to Wilson," in Bo Gustafsson, Roy Porter and Mikulás Teich, eds., *Nature and Society in the Development of Knowledge: A Quest for Missing Links* (Cambridge: Cambridge University Press, forthcoming).

### LILY KAY

Associate Professor, History of Science, Technology, and Society, Massachusetts Institute of Technology. Ph.D., Johns Hopkins University, 1986. **HSS Activities:** Council, 1994–1996; Committee on Honors & Prizes, 1994–96. Participant, HSS Annual Meetings (session chair, 1990). **Selected Publications:** "Conceptual Models and Analytical Tools: The Biology of Physicist Max Delbruck," *Journal of the History of Biology*, 18 (1985) 207–247. "W. M. Stanley's Crystallization of the Tobacco Mosaic Virus, 1930–1940," *Isis*, 77 (1986) 450–472. "Selling Pure Science in Wartime: The Biochemical Genetics of G. W. Beadle," *Journal of the History of Biology*, 22, No. 1 (1989) 73–101. *Cells, Molecules, and Life: An Annotated Bibliography of Manuscript Sources on Physiology, Biochemistry, and Biophysics, 1900–1960*, in

the Library of the American Philosophical Society (Philadelphia: American Philosophical Society, 1988) *The Molecular Vision of Life: Caltech, the Rockefeller Foundation, and the Rise of the New Biology* (New York: Oxford University Press, 1992).

### RACHEL LAUDAN

Professor, Department of General Science, University of Hawaii. Ph.D., University of London, 1972. **HSS Activities:** Nominating Committee, 1980–1981; Council Member, 1983–1986, 1995–1997; Committee on Research and the Profession, 1984–1986; Isis Advisory Editorial Board, 1985–1991; Pfizer Prize Committee, 1991–1993. **Selected Publications:** *From Mineralogy to Geology: The Foundations of a Science* (Chicago: University of Chicago Press, 1987); "Cuvier and the Oriental Origins of Science," *Nineteenth-Century French Studies*, 17 (1988), 19–29; Edited (with A. Donovan and L. Laudan), *Scrutinizing Science: Empirical Studies of Scientific Change* (Dordrecht, Holland: Reidel, 1988); "Geology, 1790–1840," in G. N. Cantor, et al, eds., *Companion to the History of Modern Science* (London: Routledge, 1990), 314–325; "Histories of Science and Their Uses: A Review to 1913," *History of Science* 31 (1993): 1–34.

### ALBERT MOYER

Professor, Department of History, Virginia Polytechnic Institute and State University. Ph.D., University of Wisconsin, 1977. **HSS Activities:** Chair, Committee on Honors and Prizes, 1987–1990; North American Committee for Visiting Historians of Science Program, 1987–1990; Chair, Forum for the History of Science in America, 1987–1988; Lifetime Sustaining Member, 1987–; Program Co-Chair, HSS 1991 Annual Meeting Program (Madison); Committee on Meetings and Programs, 1990–1992 (Chair, 1994–1997); Council Member, 1995–1997. **Selected Publications:** *A Scientist's Voice in American Culture: Simon Newcomb and the Rhetoric of Scientific Method* (California, 1992); "P. W. Bridgman's Operational Perspective of Physics," *Studies in History and Philosophy of Science*, Part I, 22 (June 1991): 237–258, Part II, 22 (September 1991): 373–397; "Michelson in 1887," *Physics Today* 40 (May 1987): 50–56; "History of Physics," *Osiris*, 2nd Series 1 (1985): 163–182; *American Physics in Transition: A History of Conceptual Change in the Late Nineteenth Century* (Tomash, 1983).



Margaret Osler



Marc Rothenberg



Joe Burchfield



Peter Dear

### MARGARET OSLER

Associate Professor of History, University of Calgary. Ph.D., Indiana University, 1968. HSS Activities: Schuman Prize Committee, 1977; Member of Council, 1978–1981; Committee on Meetings and Programs, 1986–1988, 1992–1995; Nominating Committee, 1991–1992; Selection Committee for Executive Secretary, 1992; North American Committee for the Dibner Visiting Historians of Science Program, 1991–1996 (Chair, 1994–1995); Program Co-Chair, HSS 1993 Annual Meeting (Santa Fe). Selected Publications: *Divine Will and the Mechanical Philosophy: Gassendi and Descartes on Contingency and Necessity in the Created World* (Cambridge: Cambridge University Press, 1994); "Ancients, Moderns, and the History of Philosophy: Gassendi's Epicurean Project," in *The Rise of Modern Philosophy: the Tension Between the New and Traditional Philosophies from Machiavelli to Leibniz*, edited by Tom Sorell (Oxford: Oxford University Press, 1993), pp. 129–143; "The Intellectual Origins of Robert Boyle's Philosophy of Nature: Gassendi's Voluntarism and Boyle's Physico-Theological Project," in *Philosophy, Science, and Religion, 1640–1700*, edited by Richard Ashcraft, Richard Kroll, and Perez Zagorin (Cambridge: Cambridge University Press, 1992), pp. 178–198; "fortune, Fate, and Divination: Gassendi's Voluntarist Theology and the Baptism of Epicureanism," in *Atoms, Pneuma, and Tranquillity: Epicurean and Stoic Themes in European Thought*, edited by Margaret J. Osler (Cambridge: Cambridge University Press, 1991), pp. 155–174; "Baptizing Epicurean Atomism: Pierre Gassendi on the Immortality of the Soul," in *Religion, Science, and Worldview: Essays in Honor of Richard S. Westfall*, edited by Margaret J. Osler and Paul Lawrence Farber (Cambridge: Cambridge University Press, 1985), pp. 163–184.

### MARC ROTHENBERG

Editor, Joseph Henry Papers, Smithsonian Institution. Ph.D., Bryn Mawr College, 1974. HSS Activities: Council, 1994–1996; Committee on Finances, 1994–1995; Co-chair, Local Arrangements Committee, 1992; Schuman Prize Committee, 1991–1993 (Chair, 1993); Committee on Employment Problems and Opportunities, 1976–1977. Selected Publications: ed., *The History of Science and Technology in the United States: A Critical and Selective Bibliography. Volume II* (New York, 1993); ed., *The Papers of Joseph Henry*, Vol. 6 (Washington, DC, 1992); "Patronage of Harvard College Observatory, 1839–1851," *Journal for the History of Astronomy*, 1990, 21: 37–46; ed. (with Nathan Reingold),

*Scientific Colonialism: A Cross Cultural Comparison* (Washington, DC, 1987); "History of Astronomy," *Osiris*, 1985, 2nd ser., 1: 117–131.

## For Nominating Committee at Large

### JOE BURCHFIELD

Associate Professor of History, Northern Illinois University, DeKalb, Illinois. Ph.D., Johns Hopkins University, 1969. HSS Activities: Council Member, 1978–1981, 1989–1991; Chair, Schumann Prize Committee, 1977; Nominating Committee, 1979, 1982; Finance Committee and Investment Subcommittee, 1981–1992; Chair, Local Arrangements Committee, HSS 1984 Annual Meeting (Chicago); Chair, Committee on Visiting Historians of Science, 1984–1988; Ad Hoc Committee to Evaluate the Executive Secretary's Office, 1990; Ad Hoc Advisory Committee on University Press Bids, 1990–1991. Selected Publications: *Lord Kelvin and the Age of the Earth*, revised ed. (Chicago, University of Chicago Press, 1990); "John Tyndall, a Biographical Sketch," in W. Brock and N. MacMillan, eds. *John Tyndall, Essays on a Natural Philosopher* (Dublin: Royal Dublin Society, 1981), pp. 1–14; "The British Association and its Historians," *Historical Studies in the Physical Sciences*, 13 (1982) 165–174.

### PETER DEAR

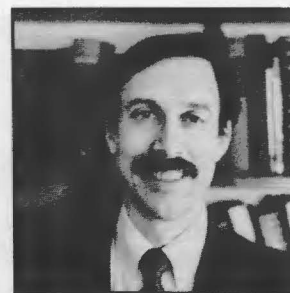
Associate Professor, Departments of History and of Science and Technology Studies, Cornell University. Ph.D., Princeton University, 1984. HSS Activities: Frequent participant in HSS Annual Meetings (session organizer, 1987); book reviews editor for *Isis* since January 1994. Selected Publications: *Mersenne and the Learning of the Schools* (Ithaca, NY: Cornell University Press, 1988); editor, *The Literary Structure of Scientific Argument: Historical Studies* (Philadelphia: University of Pennsylvania Press, 1991); *Discipline and Experience: the Mathematical Way in the Scientific Revolution* (Chicago: University of Chicago Press, to appear in Fall 1995); "Miracles, Experiments, and the Ordinary Course of Nature," *Isis* 81 (1990), pp. 663–683; "Cultural History of Science: An Overview, with Reflections," *Science, Technology and Human Values* (Spring 1995).



Marilyn Ogilvie

## MARILYN OGILVIE

Curator, History of Science Collections, Professor of Bibliography, and Adjunct Professor of the History of Science, University of Oklahoma. Ph.D., University of Oklahoma, 1973. HSS Activities: Participant, HSS Annual Meetings (presented papers in 1983, 1986, 1988, 1989, 1993, and 1994). Women's Prize Committee, 1993–1995. Selected Publications: "Western Biology and Medicine in Modern China: The Career and Legacy of Alice M. Boring (1883–1955) (with Cliff Choquette), in *Journal of the History of Medicine and Allied Sciences* 48 (1993): 198–215. "The New Look—Women and the Expansion of American Zoology: Nettie Maria Stevens (1861–1912) and Alice Middleton Boring (1883–1955)," in *The Expansion of American Biology*, ed. Keith R. Benson, Jane Maienschein, and Ronald Rainger (New Brunswick, NJ: Rutgers University Press, 1991), 52–75. "Marital Collaboration: An Approach to Science," in *Uneasy Careers and Intimate Lives. Women in Science, 1789–1979*, ed. Pnina Abir-Am and Dorinda Outram (New Brunswick, NJ: Rutgers University Press, 1987), 104–125. *Women in Science. Antiquity through the Nineteenth Century. A Biographical Dictionary with Annotated Bibliography* (Cambridge, MA: MIT Press, 1986). "Nettie Maria Stevens (1861–1912): Her Life and Contributions to Cytogenetics" (with Cliff Choquette) in *Proceedings of the American Philosophical Society*, 115 (1981): 292–311.



Alan J. Rocke

## ALAN J. ROCKE

Professor of History, Program in History of Technology and Science, Case Western Reserve University, Cleveland, Ohio. Ph.D., University of Wisconsin, Madison, 1975. HSS Activities: Member of Council, 1990–1992; Chair, Local Arrangements Committee, HSS 1988 Annual Meeting (Cincinnati); Committee on Meetings and Programs, 1987–1992; Derek Price Prize Committee, 1988–1990; HSS Program Chair, British–North American History of Science Meeting, Toronto, 1992; Program Committee, British–North American History of Science Meeting, Edinburgh, 1996. Selected Publications: *Chemical Atomism in the Nineteenth Century: From Dalton To Cannizzaro* (Columbus: Ohio State University Press, 1984); "Kekulé's Benzene Theory and the Appraisal of Scientific Theories," in A. Donovan, L. Laudan, and R. Laudan, eds., *Scrutinizing Science: Empirical Studies of Scientific Change* (Boston: Kluwer, 1988), pp. 145–61; *The Quiet Revolution: Hermann Kolbe and the Science of Organic Chemistry* (Berkeley/Los Angeles: University of California Press, 1993); "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.

# HISTORY OF SCIENCE SOCIETY ELECTION BALLOT

### Candidates for Vice President:

Two year term, 1 January 1996–31 December 1997 followed by two year term as President, 1 January 1998–31 December 1999. Please vote for 1 of the 2 candidates:

- \_\_\_\_\_ Jane Maienschein  
\_\_\_\_\_ Albert Van Helden

*All ballots must be returned to the HSS Executive Office in the enclosed official envelope and must be postmarked by 31 May 1995. Photocopied ballots will be accepted, but only if submitted in official envelopes.*

### Candidates for Council:

Three-year term, 1 January 1996 - 31 December 1998. Please vote for 5 of the 10 candidates:

- \_\_\_\_\_ James Bartholomew  
\_\_\_\_\_ Joan Cadden  
\_\_\_\_\_ Joseph Dauben  
\_\_\_\_\_ Arthur Donovan  
\_\_\_\_\_ Mott Greene  
\_\_\_\_\_ Anita Guerrini  
\_\_\_\_\_ Roger Hahn  
\_\_\_\_\_ Susan Lindee  
\_\_\_\_\_ Shirley Roe  
\_\_\_\_\_ Heinrich von Staden

### Candidates for Nominating Committee:

One year term, 1 January 1996 - 31 December 1996. Representatives from HSS Council. Please vote for 3 of the 6 candidates:

- \_\_\_\_\_ Paul Farber  
\_\_\_\_\_ Lily Kay  
\_\_\_\_\_ Rachel Laudan  
\_\_\_\_\_ Albert Moyer  
\_\_\_\_\_ Margaret Osler  
\_\_\_\_\_ Marc Rothenberg

### Candidates for Nominating Committee at Large: Please vote for 2 of the 4 candidates:

- \_\_\_\_\_ Joe Burchfield  
\_\_\_\_\_ Peter Dear  
\_\_\_\_\_ Marilyn Ogilvie  
\_\_\_\_\_ Alan J. Rocke

## NEWS OF THE SOCIETY

### Minneapolis—1995 Annual Meeting

Professor Alan Shapiro and his colleagues in the Program in History of Science and Technology at the University of Minnesota invite all HSS members and their guests to attend the 1995 Annual Meeting, to be held in the Twin Cities of St. Paul and Minneapolis from 26–29 October 1995. We will gather together in the beautiful facilities of the Radisson Hotel, located on the campus of the University of Minnesota. Registration materials will be published in the July HSS *Newsletter*.

The Program Chairs for 1995 are Hal Cook (University of Wisconsin, Madison) and Deborah Fitzgerald (MIT). Paper and session proposals for the 1995 meeting were due in the office of the Executive Secretary by 3 April 1995 (application materials were printed in the January HSS *Newsletter*).

As in previous years, HSS will provide travel grants for graduate students and independent scholars. Application material and information is located in this newsletter.

### Travel Grants—1995 Annual Meeting

Applications for travel grants for graduate students and independent scholars to the 1995 Annual Meeting in Minneapolis are available in this newsletter (see page 19). Please note, applications are due to the HSS Executive Office no later than 2 June 1995. That is, applications received in the office after that date may not receive consideration. Also, please note that strong preference is given to applications from HSS members, applicants who are presenting papers or participating in societal governance (HSS committees), and applicants who have not received prior funding (in the last two years). Applications from individuals without these qualifications may not be considered.

This year, the Society has retained the services of a comprehensive and national travel agency, *Conventions in America* (see "HSS Travel Office" article below for further information). All travel that is supported by an HSS Travel Grant must be arranged through *Conventions in America*, including international travel.

Additionally, because the travel funds are provided by the National Science Foundation, we are required to use only US air carriers for all air travel. Please contact *Conventions in America* (1-800-929-4242) prior to completing the application to obtain the most reliable cost estimate. We depend on the accuracy of your requests to determine how many travel awards we will be able to award. In your conversations with the travel agent, please reference the History of Science Society and our group number, which is #439.

Finally, please note that travel grants cover only the cost of actual transportation to the meeting location. The travel grants do not cover registration fees, hotel costs, or meal charges. Only under unusual circumstances may these funds be used for local transportation (hotel shuttles and taxis). Additionally, the Society will reimburse only those costs of transportation that are reported to the Society in the form of the "HSS Travel Expense Report" and that are submitted with receipts. Again, we have these requirement to comply with the auditing requirements from the National Science Foundation.

If you have any questions, please call the HSS Executive Office at (206) 543-9366.

### HSS Travel Office

After two previous efforts resulted in limited success, HSS has finally located an ideal travel agency for the Society's travel needs. *Conventions in America*, a full-service national agency located in San Diego, has designed a package of travel benefits for the Society that is extremely attractive.

The new arrangement will allow HSS members to book their travel arrangements directly through *Conventions in America*, directly through the airlines, or directly through their own local agent and still receive discounted airfares while the Society receives travel benefits. Please read the advertisement on page 11 for full information and pay close attention to future information provided to the Society by *Conventions in America*.



*The graduate students in the Program in the History of Science and Technology at the University of Minnesota anxiously await all HSS members who will visit the Twin Cities for the 1995 Annual Meeting. Included in their hospitality plans will be a special graduate student party hosted by these fine individuals.*



*The friendly staff of Conventions in America are eager to serve the membership of HSS. Remember, when you use their services, you help the Society!*

## HSSJOBS on World Wide Web!

The History of Science Society's electronic bulletin board, HSSJOBS, is now accessible via the World Wide Web. Members can connect to HSSJOBS via a World Wide Web browser such as Lynx, Mosaic, or Netscape. Lynx is a browser which only works with the text portion of WWW resources, so it works over most common connections with most terminals. Mosaic and Netscape are graphical interfaces and require desktop hardware and network connections capable of handling images. However, the electronic bulletin board is in text-format only at this time, but it is still accessible through any of these browser programs.

For members who have the capability to use Lynx on a Unix system, when you start Lynx you will first get to a "home page"—probably the home page of your institution. Once you are at your "home page," use the "Go" command to get to the University of Washington's "anonymous ftp" service (at <ftp://ftp.u.washington.edu>). After typing the "G" command, you should get a message that asks, "URL to open:" and this is what you need to type in:  
<ftp://ftp.u.washington.edu/public/hss/hssjobs>. Bingo! You should now see the file.

For members who wish to use the Netscape or Mosaic browser, all you need is the URL address which is the same as above (<ftp://ftp.u.washington.edu/public/hss/hssjobs>). Simply click on the File menu and pull down to "Open Location" and type in the URL address. However, remember that there are no graphical images on HSSJOBS at this time.

Most people who have access to Gopher should be able to run Lynx. If you do not know if your institution has access to the World Wide Web, you should call your institution's computer network department for assistance. If you still have questions or experience any problems after working with your computer network technicians, feel free to send e-mail to Amy Lanfear at [amyl@u.washington.edu](mailto:amyl@u.washington.edu).

In the near future, the History of Science Society plans to create a "Home Page," on the World Wide Web in which members can access information on a wide variety of topics such as jobs, fellowships and grants, and upcoming HSS events. See you on the Information Highway!

—Amy Lanfear

## Wanted: Syllabi for New Edition of *Syllabus Sampler*

The Committee on Education of the History of Science Society is engaged in the second phase of the *Syllabus Sampler* Project, to follow the publication of the first *Syllabus Sampler*. We ask your assistance for this second phase of the project, both if you have already sent syllabi for the first stage of the project, and if you have not yet contributed. We plan to up-date the first *Syllabus Sampler* and to compile a new collection, *Syllabus Sampler—II*. The new collection will include syllabi in the following areas: Gender and Science; History of Science in Interdisciplinary Contexts; History of Science in Non-Western Cultures; Science and the Environment; History of Science Courses of Special Interest. The first collection contained syllabi in: General Survey Courses; Surveys in American Science; The Scientific Revolution; Surveys of Women in Science; Topics in the History of Biology; Selected Special Topics Courses. Both fall and spring semester courses, or fall, winter, spring quarter courses are needed. Please provide clear copies, laser printed if possible. Send syllabi for courses in as many of the above areas as possible to: Professor Henry Steffens, University of Vermont, History Department, Burlington, VT 05405.

## New Publications from the HSS Executive Office

Professor Hank Staffens (University of Vermont) and the Committee on Education have just completed the *Topical Essays for Teachers* project, a project that has been supported by the Lounsbury Foundation. The essays in the project represent new work from our colleagues Frederick Gregory (University of Florida), Kenneth Manning (MIT), Edmund Russell (University of Virginia), and Stanley Goldberg (Washington, DC). They have written impressive and exciting essays placing the history of science into

contemporary debates surrounding such issues as race, gender and science, nuclear weapons, science and religion, and science and the environment. The HSS Executive Office is in the process of publishing the publication which is scheduled to become available at a nominal cost in mid-April. If you are interested in receiving a copy, please contact the Executive Office at (206) 543-9366, or via e-mail at [amyl@u.washington.edu](mailto:amyl@u.washington.edu).

A second publication that will appear in mid-April is the 1995-96 HSS Membership Directory. This is a compilation of over 3,000 individual members in HSS with the most current address, telephone, fax, and e-mail information. Again, the HSS Executive Office is in the process of publishing the Membership Directory and it will be mailed to all members free of charge when it becomes available. Duplicate copies may also be purchased through the HSS Executive Office.

## Publications from the History of Science Society

The History of Science Society, through several of its committees, has produced several publications that may be of interest to our members. The Executive Office of the Society has copies of these publications, listed below, and will send them to HSS members. If interested, please return the order form on this page to the HSS Executive Office, DR-05, University of Washington, Seattle, WA 98195, and enclose a check made payable to the History of Science Society.

*A Directory of Women in the History of Science, Technology, and Medicine*, edited by Lisa Rosner and Alice Stroup. (\$2.50 each.)

*History of Science: A Guide for Undergraduates*, by Michael Crowe. (Single copies are free; orders for multiple copies are \$1.00 per copy or 75 cents for each copy on orders of ten or more.)

*History of Science Syllabus Sampler*, collected and prepared by Henry Steffens. (\$10.00 each in US, \$12.00 each in Canada, and \$15.00 for overseas orders.)

## National Science Foundation—Address Note

As many HSS members are aware, the NSF office moved from Washington, DC to Arlington, Virginia. Ron Overmann has reported to us that many pieces of mail have been delayed in reaching his office because of an incorrect address for the NSF. Please change your records to indicate the new location of the NSF: National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230.

For communicating directly to Ron Overmann's office, please include "Room 995" on the address; proposals should include "Proposal Processing Unit" on the address.

## Editorial Note

Please accept our apologies for several errors in the January HSS *Newsletter*. The errors were the result of our rush to publish the *Newsletter* before the holiday season. Of the errors, the most egregious was the placement of Joan Bromberg at the University of Washington. While we would welcome Joan as a colleague in Seattle, her actual home location is in Sacramento, California. We apologize.

## ORDER FORM HISTORY OF SCIENCE SOCIETY PUBLICATIONS

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Please send me the following publications to the above address:

\_\_\_\_\_ copy(ies) of *History of Science: A Guide for Undergraduates*  
(1 copy free; U.S.: \$1.00 each for multiple copies; \$.75 each for ten or more copies;  
Outside U.S.: \$1.50 each for multiple copies; \$.75 each for ten or more copies)

\_\_\_\_\_ copy(ies) of *History of Science Syllabus Sampler*  
(U.S.: \$10.00 each; Other North American addresses: \$12.00 each;  
Overseas: \$15.00 each)

\_\_\_\_\_ copy(ies) of *Directory of Women Historians of Science, Technology, and Medicine*  
(U.S. and Outside U.S.: \$2.50 each)

Please make check or money order payable (in U.S. dollars) to the History of Science Society, and send to the HSS Executive Office, DR-05, University of Washington, Seattle, WA 98195; Phone (206) 543-9366; Fax (206) 685-9544.

TOTAL AMOUNT ENCLOSED: \$ \_\_\_\_\_

# GET THERE FOR LESS!

## History of Science Society October 26-29, 1995 - Minneapolis, MN

**American Airlines and Northwest Airlines  
are proud to be the official co-carriers for HSS**

Save 5% on lowest applicable fares, some restrictions apply  
Save 10% on lowest unrestricted coach fares, 7 day advance purchase  
Travel between October 23 - November 1, 1995

**Alamo Rent A Car** is also offering special rates starting  
as low as \$27/day or \$130/week. Earn bonus frequent  
flyer miles when you fly American and drive Alamo.

For reservations, call **Conventions in America**,  
the official travel agency for HSS, and receive:

- \* Chance to win free travel
- \* Lowest available fares on any airline
- \* Discounts on official carriers and car rental
- \* Free flight insurance of \$100,000
- \* Seat assignments, advance boarding passes
- \* Senior discounts, frequent flyer mileage

### Win free travel!

Win two round trip tickets to any one of American's worldwide destinations. Purchase your ticket through Conventions in America to be automatically entered in the bi-monthly drawings. Open to all customers of Conventions in America.

**Call Conventions in America  
1-800-929-4242, ask for Group #439**

Reservation hours M-F 6:30am - 5:00pm Pacific Time - 24 hour toll free message center  
5414 Oberlin Drive, Suite 301, San Diego, CA 92121-4744

If you call direct:

American 1-800-433-1790, ask for Starfile #S0905UF.  
Northwest 1-800-328-1111, ask for Wordfile #NC8U8.  
Alamo 1-800-732-3232, ID #410356, Rate Code GR.



## COMMITTEE REPORTS

The Committee on Women is open to anyone in the Society with an interest in issues of gender in the field and in the profession. We are currently seeking volunteers to help draft an application for a

summer conference exploring new perspectives on gender and science. If you would be interested in contributing to the writing of this proposal, or if you have other ideas or concerns to bring to the

attention of the Committee, you can volunteer yourself or your information to Angela Creager, Program in History of Science, 129 Dickinson Hall, Princeton University, Princeton, NJ 08544-1017, or [creager@phoenix.princeton.edu](mailto:creager@phoenix.princeton.edu).

## MISCELLANEOUS ANNOUNCEMENTS

The American Association for the Advancement of Science (AAAS) announced the formation of the **AAAS Center for Science, Technology, and Congress**, a nonpartisan source of information on scientific and technological issues for members of Congress and their staffs. The Center operates under the auspices of a 10-person advisory board co-chaired by former U.S. Representatives John Brademas (D-IN) and Bill Green (R-NY). For more information contact John Brademas on (212) 790-1350, or Bill Green (212) 755-6528.

The Institute Archives at the California Institute of Technology announces the mounting of PhotoNet on the World Wide Web at <http://www/caltech.edu/>

archives/. The PhotoNet is a searchable database containing scanned images of a small portion of the Archives' collection of visual material. In all, the Archives holds several thousand images relating to the history of science from the scientific revolution to the present, including photographs, lithographs, engravings, fine prints and architectural drawings. Of particular interest, the Archives contains many photos of eminent scientists who have been associated with the Institute during its more than one hundred year history, as well as images representative of the diverse history of science in America during the twentieth century. PhotoNet currently contains more than two thousand of these photographs. Among some of these more interesting photographs

available on PhotoNet are images of the following: Carl Anderson, George Beadle, Arnold Beckman, Max Delbruck, Lee DuBridge, Albert Einstein, Richard Feynman, George Ellery Hale, Theodore von Karman, C.C. Lauritsen, Robert Millikan, T. H. Morgan, A. A. Noyes, Linus Pauling, Charles Richter, and Roger Sperry. The Archives is continuing its ongoing project of scanning additional photographs into PhotoNet, so the database will continue to expand. Send inquiries and comments to [bonnie@pcmail.caltech.edu](mailto:bonnie@pcmail.caltech.edu).

The National Science Foundation announces **Funding Opportunity III: Copnsortium of HDGC Research Centers and Research Teams**, international opportunities for research centers and research teams in the Human Dimensions

## HSS SPONSOR-A-SCHOLAR PROGRAM

Yes, I would like to sponsor the scholar who I have listed below.

Yes, please choose a scholar for me.

Scholar's Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

HSS Sponsor's Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Amount Enclosed: \_\_\_\_\_ (\$35.00 annually for each scholar sponsored.)

Please make your check or money order (in U.S. dollars) payable to the History of Science Society, and send along with form to:

History of Science Society  
Office of the Executive Secretary  
University of Washington, DR-05  
Seattle, WA 98195  
USA

For further information about the program, please contact the HSS Executive Office at (206) 543-9366.

of Global Change (HDGC). NSF encourages international collaboration in proposals for HDGC Research Centers and Research Teams. Proposers are invited to include a component that addresses international cooperation in research on HDGC in their response to this announcement. Priority will be given to catalytic activities and opportunities for investigators who are early in their careers and to activities that expand the circle of research collaboration by involving junior researchers, women, and/or minorities in the effort, or by bringing researchers from other institutions or neighboring countries into global research networks.

Funds are available to support the incremental costs, including international airfare, per diem, and minor costs for materials and health insurance, of international collaborative partnerships between U.S. principal investigators and their foreign partners. Eligible collaborative activities include cooperative research projects, joint seminars and workshops, postdoctoral and graduate-student research, and planning visits, in all fields of science and engineering supported by the NSF. Normally, the funding supports only the costs of the U.S. side of collaboration.

Investigators should describe the nature of the international partnership and the expected international and scientific or engineering benefits to the research program. The synopsis of the international cooperative arrangements should include a description of the research facilities at the foreign site(s), the schedule of activities, and the division of labor and expertise among the collaborators. Biographical sketches of proposed collaborators should be provided.

For more information, including special funding arrangements for specific geographic regions, refer to the International Opportunities for Scientists and Engineers Program Announcement (NSF 93-51), [available electronically on STIS or from the NSF Division of International Programs at (703) 306-1709 or NSF TDD (703) 306-0090]. All other provisions of NSF 94-166 continue to apply.

## MEETING REPORTS

Journalists and scholars came together 4-5 March 1995 to wrestle with questions of values in the news at a national conference near Washington, DC. "The Reporting of Ethics and the Ethics of Reporting" featured sessions on journalistic objectivity and values, the moral dimensions of public policy, religion coverage and media ethics. Presenters included: Arthur Caplan, Martin Marty, Theodore Glasser, Deni Elliot, Lee Wilkins, June Cross, Victor Cohn, Joann Byrd, and Cole C. Campbell.

The conference was held in conjunction with the annual meeting of the Association for Practical and Professional Ethics. For more information, contact Sandy Borden at (812) 855-0261. Internet: [saborde@ucs.indiana.edu](mailto:saborde@ucs.indiana.edu).

The Columbia History of Science Group held its annual meeting at Friday Harbor in the San Juan Islands of Puget Sound on 17-19 February. About sixty persons, including significant contingents from the snows of Minnesota and the sun of California, were attracted to the local drizzle. While enjoying the hospitality of the Marine Biology Station's plush accommodations, they listened to a fascinating program assembled by Mott Greene (University of Puget Sound). Ten talks ranged from 17th-century animal spirits to 20th-century game management, from an examination of the scientific journal article as a rhetorical device to what it means to write a scientific biography in a feminist rhetorical style. Our keynote address was given by Ann Hibner Koblitz on the practical and epistemological problems encountered in

*The History of Science Society  
would like to thank the following members  
who have sponsored scholars as part of our  
Sponsor-A-Scholar Program:*

Ms. Michele L. Aldrich  
AAAS

Joan Lisa Bromberg  
University of California, Davis

Jonathan Coopersmith  
Texas A&M University

David C. Cassidy  
Hofstra University

Lorraine Daston  
University of Chicago

Jeffrey Gorski  
Naval Facilities Engineering Service Center

E. S. Kennedy  
American University of Beirut

M. Meo  
Roosevelt High School, Portland, Oregon

HSS Executive Office  
(3 scholars)

her project with the United Nations to gather data on women in science and technology.

Besides the paper sessions, there were, *mais oui*, the other activities for which our meetings are fabled near and far. Fresh oysters from Westcott Bay and a keg of Seattle microbrew were enjoyed along with "poetry" such as "I like to eat an uncooked oyster/ Nothing's slicker, nothing's

moister..." and "song" led by Ted Porter about how to succeed in academia (with apologies to G & S). After the Milosian banquet, the coveted awards were bestowed, including the Aztec Potato to John Sutton (University of Sydney) who certainly came a long enough way to deserve it, and the Milosian apron and chef's hat to Steve Straker (University of

British Columbia) who doubted whether they would allow him back across the border in such garb. Finally, we all were delighted with an hour of wind music that stretched from the 12th to 20th centuries. The Tielmann Susato Krummhorn Quartet amazed us with its versatility in playing about twenty different instruments in almost as many different styles.

## AWARDS, HONORS & APPOINTMENTS

Ron Doel, Georgetown University, Smithsonian Institution, received the 1995 Herbert C. Pollock Award from the trustees of the Dudley Observatory. The award will enable him to continue his work on international science during the Cold War.

William Eamon, New Mexico State University, has been appointed Director of the University Honors Program at New Mexico State University beginning in August 1995.

Robert Marc Friedman, University of California, San Diego, was named the first recipient of the Royal Meteorological (London)'s Neumann Memorial Prize for outstanding contributions to the history of meteorology and/or physical oceanography.

Harold Jacobson, University of Michigan, is the recipient of the 1994 American Association for the Advancement of Science Award for International Scientific Cooperation for his achievements in establishing international collaborative programs that provide solutions to crucial environmental problems.

Saul Jarcho, New York City, has been named to receive the 1995 George Urdang Medal of the American Institute of the History of Pharmacy, for his book, *Quinine's Predecessor: Francesco Torti and the Early History of Cinchona*. The George Urdang Medal is awarded for an original and scholarly publication

pertaining primarily to historical or historico-social aspects of pharmacy.

Jane Lubchenco, Oregon State University, will become the next president-elect of the American Association for the Advancement of Science (AAAS) on 22 February 1995.

James E. McClellan III, Stevens Institute of Technology, has been elected a "Professeur invité" at the École des Hautes Études en Sciences Sociales in Paris. He has been lecturing there on Historiography and French science in the 18th century.

Gregg Mitman, University of Oklahoma, has received the Gustave O. Arlt Award for his book, *The State of Nature: Ecology, Community and Social Thought, 1900-1950*. The award is given each year to a young scholar in the humanities who has earned a doctorate within the past seven years and who has published a book deemed to be of outstanding scholarly significance.

Michael J. Neufeld, National Air and Space Museum, Smithsonian Institution, has won the 1995 History Manuscript Award of the American Institute of Aeronautics and Astronautics for this newly published book *The Rocket and the Reich: Peenemunde and the Coming of the Ballistic Missile Era (New York: The Free Press)*.

Merritt Roe Smith, Massachusetts Institute of Technology, was awarded the 1994 Leonardo da Vinci Medal. The presentation was made at the annual meeting of the Society for the History of Technology.

Michael M. Sokal, Worcester Polytechnic Institute, will serve as a Visiting Administrator in the Division of Education Programs, National Endowment for the Humanities, through 1995.

E. O. Wilson, Harvard University, is the recipient of the 1994 American Association for the Advancement of Science Award for Public Understanding of Science and Technology, which recognizes scientists and engineers who make outstanding contributions to the popularization of science, but not members of the working media.

## RECENTLY COMPLETED DISSERTATIONS

Stephen Petrina, "Psychology, Technology and Clinical Procedures in Education: The Cases of Luella W. Cole and Sidney L. Pressey, 1917-1934," University of Maryland 1994.

## PRIZE COMPETITIONS

The European Society for the Study of Science and Theology (ESSSAT) had decided to institute the ESSSAT Prize for Studies in Science and Theology. Two such prizes will be awarded by ESSSAT in 1996. The Radboud Foundation in the Netherlands has generously offered to sponsor the 1996 ESSSAT prizes. For a description and conditions please contact: ESSSAT, Antje Jackelén, Högseröds Prästgård, S-240 33 Löberöd, Sweden; telephone: +46 413 303 98 or 46 46 520 10; fax: +46 46 529 75.

The Society for the History of Technology announces its annual competition for the Samuel Eleazar and Rose Tartakow Levinson Prize. This prize recognizes an original essay in the history of technology that explicitly examines in some detail a technology or technological device/process within the framework of social or intellectual history. The prize-winning essay must represent the author's first work intended for publication. Manuscripts already published or accepted for publication will not be considered. Authors who have already published examples of their work in book or article form are ineligible. (Availability on microfilm or microfiche, or as a government report will not be considered a publication). Manuscripts should be in English and of a length suitable for publication as a journal article. Three copies should be sent to the Secretary, Society for the History of Technology, Department of Social Sciences, 1400 Townsend Drive, Michigan Technological University, Houghton, MI 49931-1295. The judging will be blind, so authors should avoid self-identification, indicating their name on a cover sheet that will be detached before the manuscript is sent to the committee. The closing date for nominations is 15 April 1995. The award consists of \$400 and a certificate.

The IEEE Life Members' Prize in Electrical History was established by the

IEEE Life Members, who fund the prize, and is administered by the Society for the History of Technology. The prize recognizes the best paper in electrical history published during the previous year, in this case during 1994. Any historical paper published in a learned journal or magazine is eligible if it treats the art or engineering aspects of electrotechnology and its practitioners. Electrotechnology encompasses power, electronics, telecommunications, and computer science. The committee invites submissions for the 1995 prize. Please send a copy of the paper to each member of the prize committee. The prize consists of a cash award of \$500 and a certificate. For more information contact the Secretary, Society for the History of Technology, Department of Social Sciences, 1400 Townsend Drive, Michigan Technological University, Houghton, MI 49931-1295; fax: (906) 487-2468; e-mail: bseely@mtu.edu. The committee members are: Frederick Nebecker, Chair, Center for the History of Electrical Engineering, Rutgers University, 39 Union Street, New Brunswick, NJ 08903-5062; J. Samuel Walker, Historical Office, U.S. Nuclear Regulatory Commission, Washington, DC 20555; Ellen B. Koch, 5110 Patrick Henry Street, Bellaire, TX 77401. The closing date for nominations is 15 April 1995.

Gesellschaft Deutscher Chemiker, the German Chemical Society, will accept applications for the 1996 Paul Bunge Prize of the Hans R. Jenemann Foundation until 31 October 1995. Entries for the competition are invited internationally. The competition honors outstanding publications on all fields of the history of scientific instruments. Publications in German, English or French languages are accepted. The award consists of DM 10,000.

Applications for an individual's own work as well as proposals for honoring another person's work can be submitted. The advisory council of the Hans R.

Jenemann Foundation under the chairmanship of its founder will select the applications. The Paul Bunge Prize 1996 will be awarded during a festival event at the international fair, "Analytica 1996," Munich.

The foundation is supported and administered by the Gesellschaft Deutscher Chemiker (German Chemical Society) and the Deutsche Bunsen-Gesellschaft. The prize is named after the most important constructor of analytical, assay and high-performance precision balances in the second half of the 19th century, Paul Bunge.

Further details and information may be obtained by writing to the German Chemical Society, Public Relations Department, P.O. Box 90 04 40, D-60444 Frankfurt/Main, Germany.

### ALSO NOTED:

The North American Conference on British Studies announced the 1995 Competition for the Walter D. Love Prize in History. This prize is a \$150 award given annually for the best article or paper of similar length or scope by a North American scholar in the field of British history published during the calendar year 1994. The prize article or paper, which may be published anywhere in the world, should exhibit a humane and compassionate understanding of the subject, imagination, literary grace, and scrupulous scholarship. It should also make a significant contribution to its field of study. Chapters from longer works are not eligible, but papers appearing in Festschriften or in books of conference papers are eligible. All scholars residing in North America are eligible to compete.

A copy of the nominated article or paper was to be sent by 1 April 1995 to each member of Prize Committee. For further information, contact Kirk Willis, Chair, Walter D. Love Prize, Department of History, LeConte Hall, University of Georgia, Athens, GA 30602.

## PUBLICATIONS

The European Society for the Study of Science and Theology (ESSAT) announces the publication of its two volume yearbook *Origins, Time and*

*Complexity*. For more information contact: Jean-Marie Portas, 48, route des Coudras, CH-Céligny, Switzerland; telephone: +41 22 776 87 39.

The University of Michigan Press announces the publication of *Scientists and*

*the State: Domestic Structures and the International Context*, by Etel Solingen (ISBN 0-472-10486-1). For more information contact The University of Michigan Press, P.O. Box 1104, Ann Arbor, MI 48106-1104; telephone: (313) 764-4392; fax: (800) 876-1922.

## SEMINARS AND CLASSES

The Francis C. Wood Institute for the History of Medicine, College of Physicians of Philadelphia announces its spring seminar schedule: Jennifer Gunn, University of Pennsylvania, "Doctors as Public Citizens: From Birth Registration to The Bell Curve," 13 April; David Cantor, Scholar-in-Residence, Wood Institute, "Hippocrates and Holism in Inter-War British Medicine," 20 April; Jeffrey Mullins, Johns Hopkins University, "Saving the Body, Saving the Soul: Medical Theory, Physiology, and the Discourse of Morality in America, 1790-1860," April 27. Seminars are scheduled on Thursdays from 12:00 p.m. until 2:00 p.m., and are held at the College of Physicians. Bring a bag lunch and join us for coffee and history! For more information call Monique Bourque at the Wood Institute (215) 563-3737, ext. 273. This seminar series is supported by a grant from the Benjamin and Mary Siddons Measey Foundation.

The Dibner Institute for the History of Science and Technology announces a seminar, "Ecological and Conservation Biology: Historical, Philosophical and Scientific Perspectives," 30 July-5 August 1995, at the Marine Biological Laboratory, Woods Hole, Massachusetts. The seminar will feature distinguished leaders each day who will explore different aspects of the historical, philosophical, geological and scientific dimensions of ecology and conservation biology. Discussion will be based on previously circulated readings and is designed particularly for those with a demonstrated research interest in some aspect of the topic. The group will be limited to about 20 participants, selected from all ranks including advanced graduate

students, and a variety of disciplines. Some financial aid is available for students and independent scholars.

Members of the organizing committee are: Jane Maienschein, Department of Philosophy, Arizona State University, Tempe, AZ 85287-2004; (602) 965-6105; maienschein@asu.edu; James Collins, Department of Zoology, Arizona State University, Tempe, AZ 85287-1501; (602) 965-3571; Sharon Kingsland, History of Science, Johns Hopkins University, Baltimore, MD 21218; (410) 516-7505.

For further information and application materials, write to: Dibner Institute for the History of Science and Technology, Dibner Building, MIT E56-100, Cambridge, MA 02139. Applications are due 14 April 1995.

The Shelby Cullom Davis Center for Historical Studies at Princeton University announces its theme for academic years 1996-98 will be "Animals and Human Society." It will explore the material, ethical and symbolic dimensions of the role of animals in human culture. The Center welcomes proposals for projects focusing on any of the following or related historical issues: animal gods, cults and sacrifice; sacred and 'unclean' animals; animals and war; the bestiary, mythical animals, beast fables, allegories, folklore, fairy tales; bestiality, the symbolic bestialization of enemies, races, ethnic groups, sexes, and occupations; animal trade (for example, furs and ivory); transhumance, domestication, farm animals and husbandry; ranching and pastoralism; animal products (wool, leather, parchment, bone for tools, horn for glue, etc.); diseases and epizootics; veterinary medicine; butchering, meat processing, and marketing; wild animals, 'savage' environments and the connections with

aboriginal peoples; the artistic and photographic representation of animals in domestic and wild settings; children's literature and cartoons; pets; games and pleasures (horse racing, bear baiting, cock fighting); circuses and county fairs; vivisection, medical experimentation and animal welfare movements; vegetarianism and meat-eating; the boundaries between human beings and animals as expressed in different cultures; extinction of species; environmentalism; animal rights, Darwinism, and modern efforts to define the human being; paleozoology (classification and origins of species).

The Center will offer a limited number of research fellowships for one or two semesters, running from September to January and from February to June, designed for highly recommended younger scholars who have finished their dissertations as well as for senior scholars with established reputations. Fellows are expected to live in Princeton in order to take an active part in the intellectual interchange with other members of the Seminar. Funds are limited, and candidates are, therefore, strongly encouraged to apply to other grant-giving institutions as well as the Center, if they wish to come for a full year.

Inquires and requests for Fellowship Application forms should be addressed to the Manager, Shelby Cullom Davis Center for Historical Studies, Department of History, 129 Dickinson Hall, Princeton University, Princeton, NJ 08544-1017, USA. The deadline for applications and letters of recommendation for fellowships for 1996-97 is 1 December 1995, and for 1997-98 is 1 December 1996. Scholars who would like to offer a paper to one of the weekly Seminars are asked to send a brief description of their proposal and a current curriculum vitae to William

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Colby College, Waterville, Maine, announces its spring Science and Technology Studies Program speaker series: 28 April, "Is the Marriage of Science and Government on the Rocks? Science and the Federal Government," Kenneth Keniston, Director of Graduate Studies, STS Program, Massachusetts Institute of Technology; 5 May, "Historical Perspectives of Lightning Studies," E. Philip Krider, Institute of Atmospheric Physics, University of Arizona. Colloquia are held on Fridays at 4:00 p.m. in Lovejoy 215. Refreshments 15 minutes before the talks; reception following the talks, Faculty Lounge.

## FUTURE MEETINGS AND CALL FOR PAPERS

### 1995: The Year of Louis Pasteur

In recognition of the centennial anniversary of the scientist's death, UNESCO, in collaboration with the Institut Pasteur, has designated 1995 to be "The Year of Louis Pasteur" throughout the world. This year will be a unique occasion to pay tribute to Pasteur's many contributions to the world. Events to take place in over 25 U.S. cities will include a traveling exposition, lectures and films. Following is a brief calendar of events:

**15 April–28 May**—Exposition: "Louis Pasteur: His Life and Work," The Chicago Academy of Sciences. For information, contact the Academy Hotline: (312) 549-0606

**20 April**—Film: "Pasteur, regards d'aujourd'hui," Alliance Française of Bergen County. For information, contact Jeannick

Protin at (201) 447-5910

**1 April–31 May**—Exposition: "Louis Pasteur: His Life and Work," University of Montana. For information, contact Mr. Valentin at (406) 243-2401.

**4 May**—Lecture: "The Legacy of Louis Pasteur," University of Montana. For information, contact Mr. Valentin at (406) 243-2401.

**1–31 May**—Exposition: Louis Pasteur: His Life and Work," Rose Medical Center, Denver, Colorado.

**2 May**—Lecture: "The Legacy of Louis Pasteur," Rose Medical Center, Denver, Colorado.

For a complete listing of events held throughout the year, contact the Pasteur Foundation, 555 Madison Avenue, 29th Floor, New York, NY 10022; Tel. (212) 752-2050; Fax (212) 751-3870.



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**20th Annual AAAS Colloquium on Science and Technology Policy**

The 20th Annual AAAS Colloquium on Science and Technology Policy is scheduled for 12-14 April 1995 at the Capital Hilton Hotel in Washington, DC. The colloquium includes presentations analyzing the President's federal R&D funding proposals from policy makers and scientists representing the administration, Congress, scientific associations, industry, and government agencies. For more information, contact Ellen Cooper, Sr., Communications Officer, American Association for the Advancement of Science, 1333 H. Street, NW, Washington, DC 20005; Tel. (202) 326-6431; E-mail: ecooper@aaas.org.

**Pathways to American Culture: Transportation and Settlement Patterns in the U.S.—West Virginia University**

The Institute for the History of Technology and Industrial Archaeology at West Virginia University is sponsoring a two-day conference on 22-23 April 1995 entitled *Pathways to American Culture: A Conference on Transportation and Settlement Patterns in the United States*. Topics ranging from transportation and community, the 19th-century internal improvements movement, and Indian trails to river channels will be covered, ending with a panel discussion on the uses of history by national parks, heritage corridors, and projects documenting historic engineering structures. Speakers will include John Mack Faragher of Yale University, John Lauritz Larson of Purdue

University, and Michal McMahon of West Virginia University. This event will be held in Wheeling WV, terminus of the Baltimore & Ohio Railroad and the Cumberland Road, and site of such historic structures as the Ellet-Roebling suspension bridge. For further information, contact Michal McMahon, IHTIA, West Virginia University, 1535 Mileground, Morgantown, WV 26506-6305; Tel. (304) 293-2421, ext. 5242; E-mail: mmcmaho.wvnet.ed.

**Approaching the Dream: Clinical and Cultural Perspectives, OCLEA**

An international conference entitled *Approaching the Dream: Clinical and Cultural Perspectives* is planned for 24-25 April 1995 in Paris, France. The conference will provide a forum for

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**Award Request:**

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Please attach a current curriculum vitae to this application form. Completed applications must be sent to Keith R. Benson, HSS Executive Office, DR-05, University of Washington, Seattle, WA 98195, to be received no later than 2 June 1995.

Please note that travel with this Travel Grant requires that all reservations be made through Conventions in America at 1-800-929-4242. Ask for Group #439. Please call Conventions in America to receive fare information. Call the HSS Executive Office at (206) 543-9366 for further questions concerning travel arrangements.

interdisciplinary dialogue regarding dreams, explore diverse perspectives on dreams from the arts to the clinical sphere, and enlarge psychotherapeutic expertise in working with dreams. Topics include: dream interpretation, theory and practice; the dream in cinema & literature; cultural/linguistic perspectives on dreams; dreams and the history of psychoanalysis; and dreams and the creative process. The conference is administered by the Ontario Council for Leadership in Educational Administration (OCLEA). Registration fee is \$245. To register for the program and receive further information, contact OCLEA, 252 Bloor Street West, Suite 12-115, Toronto, Ontario M5S 1V5; Tel. (416) 944-2652; Fax (416) 944-3822.

#### West Coast History of Science Society Annual Meeting

The 1995 annual meeting of the West Coast History of Science Society will be held on 28-29 April 1995 on the campus of the University of California, San Diego in La Jolla. We have decided to meet on campus for reasons of convenience and economy. We will distribute a list of local hotels to anyone interested in attending and leave participants to make their own arrangements for accommodations. Mark Himeline, new secretary/treasurer of the organization, has generously agreed to be in charge of local arrangements. Mary Terrall, as president-elect, is in charge of the program.

As most of you know, the program traditionally mixes talks by graduate students and faculty members. The meeting is a friendly forum where graduate students can present their work and a way for more senior people to let their colleagues know what they have been up to. Talks are planned as 20-minute presentations. Deadlines for submission of titles was 20 March 1995. For more information about attending contact: Mary Terrall, 2319 Mar Vista Avenue, Altadena, CA 91001; e-mail [terrall@sscnet.histr.ucla.edu](mailto:terrall@sscnet.histr.ucla.edu).

#### American Association for the History of Medicine Conference

The Local Arrangements Committee (LAC) for the annual AAHM meeting cordially invites you to attend this year's conference which will be held on the campus of the University of Pittsburgh, 11-14 May 1995. This meeting will differ greatly from past AAHM conferences, both in size, scope, and location.

For the first time the AAHM will hold its entire conference on a university campus, making use of the historic William Pitt Union to house most of its sessions, while other University of Pittsburgh buildings will be used for special exhibits and social functions. Those who attend this meeting will have ample opportunity to explore the Oakland area of Pittsburgh which contains the University of Pittsburgh, Carnegie Mellon University, Carlow College, the Carnegie Museum complex, as well as numerous specialty libraries and fine art collections. Oakland and the adjacent Shadyside community contain a large collection of specialty shops and restaurants. Housing will be available in four hotels/sleeping clubs within walking distance from the William Pitt Union, though bus transportation will be provided to and from the Union in the morning and at night. Special arrangements have been made for medical and graduate students to stay in University of Pittsburgh dormitories at greatly reduced rates. Discount air fares have been arranged through USAir, the official airline for the AAHM meeting. Besides the traditional AAHM sessions over twenty other national and international history of medicine/health care societies and institutions will have organized their own special programming in conjunction with the AAHM meeting. Many of the leading scholars in the history of medicine, nursing, dentistry, pharmacy, chiropractic, biology, and public health will be gathering together for the first joint meeting of its kind. Scholars from Japan, Taiwan, Canada, Israel, and various European countries will create an international flavor. To enhance the international tone of this conference, guided tours of the Nationality Rooms in the Cathedral of Learning will be

part of the festivities following Friday's Garrison Lecture. Because of these additional societies' meetings, fully doubling the size of the AAHM conference, AAHM registration and the book fair, along with most of the associate societies' meetings will be held Thursday 11 May 1995. Thus the LAC strongly encourages you to arrive in Pittsburgh either Wednesday night, 10 May or Thursday morning, 11 May, so you can take advantage of this added day of programming.

For more information contact: Jonathan Erlen, Ph.D., LAC Chair, 123 Northview Drive, Pittsburgh, PA 15209.

#### The Women, Gender, and Science Question: What do research on the history of women and science and research on science and gender have to do with each other?

This conference will be a gathering of historians, philosophers, sociologists and others who study the social and intellectual context and the practice of science, as well as scientists, program activists, educators and others involved in current programs and policy making, to be held in St. Paul, Minnesota, 12-14 May 1995.

Included speakers are Pnina Abir-Am, Marianne Ainely, Evelyn Hammonds, Sandra Harding, Evelyn Fox Keller, Sally Gregory Kohlstedt, Helen Longino, Carolyn Merchant, Robert Nye, Margaret Rossiter, Londa Schiebinger, Elvira Schiech, Sharon Traweek, and Alison Wylie. In addition to keynote presentations by the invited speakers there will be more than 100 people presenting papers. Program co-chairs are Sally Gregory Kohlstedt and Helen Longino from the University of Minnesota.

The conference has been organized to explore the following questions: How does women's underrepresentation in the sciences affect the goals, methods, outcomes (theories), and philosophies of science? What mechanisms have resulted in men's overrepresentation? What are the historical and cultural variations in these mechanisms? How are young women channeled away from the sciences by

teaching methods and subtle pressure early in their educational careers? How have women of color been affected by these factors? How does the culture of the sciences gender their practice? How is this gendering reflected in the content of the sciences?

The conference will explore the above questions and tackle certain themes. These will include women's contributions to the advancement of science as well as the personal and external factors that empowered them or inhibited their achievements and satisfactions in science. Discussion will include the characteristics and processes of scientific activities that have been influenced by ideas about sexual identity, sexual difference, and the language and culture of science. Some sessions will consider the representation of males, females, and sexuality in scientific theory, the roles of gendered images and metaphors in scientific theorizing, and the relationship between gender and conceptions of knowledge. A series of sessions will concentrate on science education at every level and the effect of both pedagogical practice and substantive presentation on female student achievement.

This conference is supported in part by the Science and Technology Studies Program, the Women in Science and Engineering initiative of the Commission on Women, the Center for Advanced Feminist Studies, Continuing Education and Extension and several other colleges and departments at the University of Minnesota. For further information, contact Susan Burke, University of Minnesota, 204 Nolte Center, 315 Pillsbury Dr., S.E., Minneapolis, MN 55455; (612) 925-3530; E-mail: sburke@mail.cee.umn.edu.

#### Contexts of Victorian Science, York University

A conference on *Contexts of Victorian Science* will be held from 19–21 May 1995 at York University, Toronto, Canada. Scheduled speakers at present include Alison Winter, Martin Fichman, James Paradis, Evelleen Richards, Joan Richards,

Margaret Schabas, Harriet Ritvo, Paul Fayter, Douglas Lorimer, Ann Shteir, James Moore, Bernard Lightman, Simon Schaffer, Jennifer Tucker, Graeme Gooday, Bruce Hunt, Richard Jarrell, Jane Camerini, Frank Turner, Barbara Gates, and George Levine. The conference will focus on the social and cultural contexts of science in England from about 1830 to 1900, especially as they shaped definitions of knowledge, the practice of science, and the communication of science to diverse audiences. To obtain a brochure with further information, contact Professor Bernard Lightman, S932 Ross, Office of the Dean of Arts, York University, 4700 Keele Street, North York, Ontario, Canada M3J 1P3; E-mail: lightman@vm2.yorku.ca.

#### Mentoring and Teaching Research Ethics, The Poynter Center

The Poynter Center for the Study of Ethics and American Institutions at Indiana University will be holding a one-day seminar on *Mentoring and Teaching Research Ethics*, to be held on 26 May 1995. The seminar will be addressed by Stephanie J. Bird, who oversaw the Association for Women in Science's "Mentoring Project." The Friday seminar, scheduled from 10:00 am to 2:00 pm is open to the academic public. A \$10 fee—waived for Indiana University faculty, staff and students—covers lunch. Pre-registration is required by 15 April 1995. For more information and registration forms, contact Kenneth D. Pimple, TRE Project Director, The Poynter Center, 410 N. Park Avenue, Bloomington, IN 47405; Tel. (812) 855-0261; Fax (812) 855-3315; E-mail: pimple@indiana.edu (internet), or pimple@indiana.bitnet (bitnet).

#### Einstein Meets Magritte, Brije Universiteit Brussel

In celebration of its 25th anniversary, the Vrije Universiteit Brussel is sponsoring a conference, *Einstein Meets Magritte*, an interdisciplinary reflection on science, nature, human action and society, to be held 29 May–3 June 1995. Four workshops will be held during the

conference on the following themes: 1) Science, Society and the University; 2) The Nature of Life (and earth); 3) A World in Transition; and 4) World Views and the Problem of Synthesis. Anyone wishing to take part in the conference, or to receive a second announcement containing a more complete program, should write to "Einstein meets Magritte," Vrije Universiteit Brussel, TENA, Pleinlaan 2, 1050 Brussels, Belgium.

#### Session at AAAS Pacific Division Annual Meeting—*Cold War Plus Science Makes U.S. the World Power: For How Long?*

At the American Association for the Advancement of Science's 1995 Annual Meeting of the Pacific Division, a session entitled "Cold War Plus Science Makes U.S. the World Power: For How Long?" will be held at the University of Columbia, Vancouver, B.C., during the week of 18–27 June 1995.

The history of past world powers will be examined to learn how science and engineering contributed to their growth, and why they declined. The cracks developing in the world-power status of the United States will also be examined—a 5 trillion national debt, a trade deficit supported by the daily importing of 1 billion worth of oil, and cancellation of scientific research projects. Also under discussion will be the possible future world powers such as China with a population of 1.2 billion hard-working, 98-percent literate people. Topics in the session include: a) Science in the World Powers as they Rise; b) Sleeping Science Labs Ended World Power Status; c) Great Scientific Progress During the Cold War; d) Cracks in the U.S. World Power Status; e) The Next World Power: What are they Doing Now; and f) How Can Science Keep us a World Power?

Scientists interested in making presentations at this session should contact Henry Oman, 19921 Normandy Park Drive, SW, Seattle, WA 98166; Tel. (206) 878-4458; Fax (206) 878-9421.

### Third International Symposium on Telecom History

The Third Annual Symposium on Telecom History, with an emphasis on telephony is scheduled for 21–22 June 1995 in Wilmington, Delaware. As in the past, participants will include academics, graduate students, authors, museum curators, collectors of telecommunications artifacts, telephone pioneers, and others.

Suggested topics include: inventions and inventors; biographies of historically important people in telecommunications; historical perspectives on telecommunications engineering, economics and finance, competition, regulation, legal conflicts, manufacturing and operating companies, local and long-distance companies; sources of historical information including archives and museums, artifacts and antiquarian literature; and social changes brought about by advances in the art and science of telecommunication. The deadline for proposed topics was 15 January 1995. Please direct questions to: Russell A. Pizer, General Chairman, Third International Symposium on Telecom History, 305 Cooper Road, North Babylon, NY 11703-4430; Fax: (516) 422-2324.

### Second Biennial History of Astronomy Workshop—Notre Dame

The Second Biennial History of Astronomy Workshop will be held 22–25 June 1995 at the University of Notre Dame. Plans for the meeting were discussed by the History of Astronomy Special Interest Group of the History of Science Society at the New Orleans HSS meeting in October, 1994. The more than forty historians of astronomy who attended the first workshop, held at Notre Dame in June, 1993, praised the lively and informed sessions, the comfortable and informal atmosphere, and the reasonable room rates.

Michael Crowe and Steven Dick will co-chair. Plans for the sessions are still in the early stages of organization. Persons having suggestions or proposals should write as soon as possible to either Steven J. Dick, U.S. Naval Observatory, 345 Massachusetts Ave., NW, Washington,

DC 20392-5420 or to Michael J. Crowe, Program of Liberal Studies, University of Notre Dame, Notre Dame, IN 46556.

### Cheiron, International Society for the History of Behavioral and Social Sciences, XXVII Annual Meeting

*Cheiron*, The International Society for the History of Behavioral and Social Sciences, announces a call for papers for its XXVII Annual Meeting to be held 22–25 June 1995 at Bowdoin College, Brunswick, Maine. Papers, posters, symposia or workshops may deal with any aspect of the history of the behavioral and social sciences, or with related historiographical and methodological issues. All submissions must be in triplicate and must conform to the length limitations listed (references, tables, etc., may be appended). To facilitate blind review, the cover sheet should indicate the following: a) title; b) author's name and affiliation; c) author's address and telephone number; and d) audio/visual needs.

Submissions must have been postmarked by 23 January 1995. Papers: Submit a completed paper (Length: 1500-2000 words, double-spaced text). Posters: Submit an abstract (700 words maximum). Symposia: Submit an abstract describing the symposia as a whole (length: 250 words) and abstract from each participant (length: 500 words each). Workshops: Anyone interested in organizing a workshop should contact the program chair. Program submissions should be sent to Deborah F. Johnson, Program Chair, Department of Psychology, University of Southern Maine, 96 Falmouth Street, Portland, ME 04103; Tel. (207) 780-4560; Fax (202) 780-4933; E-mail: djohnson@maine.maine.edu. *Student Travel Awards*: Funds are available to help defray travel expenses of students who present papers or posters. Students should indicate student status to be considered for an award. *Local arrangements*: Alfred H. Fuchs, Department of Psychology, Bowdoin College, Brunswick, ME 04011; Tel. (207) 725-3143; Fax (207) 725-31323; E-mail: afuchs@polar.bowdoin.edu. *Cheiron*

*Membership*: Raymond E. Fancher, Cheiron Executive Officer, Department of Psychology, York University, North York, Ontario, Canada M3J 1P3; Tel. (416) 736-5120; Fax (416) 736-5814; E-mail fancher@vm1.yorku.ca.

### History of Medicine Conference— University of Aberdeen

The University of Aberdeen is holding a History of Medicine Conference to celebrate the Quincentenary of Aberdeen University, 29 June–2 July 1995. This is the first Aberdeen interdisciplinary conference, organized by Director G. S. Rousseau at the Thomas Reid Institute. The theme will be *Changing Organisms: Organisms and Change*. Panel discussions will include, but are not limited to, topics such as the following: Evolving Species, Evolving Forms: the Pharmaceutical Industry; Demographic Change: Cultural Change; and Organic Form in the Theory of Literature: Organic Form in the Theory of Medicine. For more information, contact Joan Pittcock Wesson, Director of Research, Thomas Reid Institute, University of Aberdeen AB9 2UB; Fax 0224-273677.

### Annual Conference of the Australasian Association for the History, Philosophy, and Social Studies of Science

The Annual Conference of the Australasian Association for the History, Philosophy, and Social Studies of Science will be held at the University of New South Wales, Sydney, 8-11 July 1995. Overseas visitors will be particularly welcome. For further information, contact: David Oldroyd, School of Science and Technology Studies, University of New South Wales, Sydney, 2052; fax: 02 313 7984; e-mail: d.oldroyd@unsw.edu.au.

*Defining Centres: The 19th-Century Media and the Construction of Identities—University of Edinburgh*  
The Research Society for Victorian Periodicals announces a call for papers for its 11–13 July 1995 conference entitled *Defining Centres: The 19th-Century Media and the Construction of Identities*, to be held

at the University of Edinburgh. Proposals of up to 250 words are invited for 20-30 minute papers for this interdisciplinary conference which challenges the restriction of Media Studies to the products of the 20th century. Papers or panels which problematise the role of 19th-century media in constructing identities, especially in relation to the metropolitan, the provincial, the local and the national, are welcome. An alternative area of interest is the construction of paradigms of reading and the relationship of these to particular forms of the press. However, other topics which address the 19th-century media and fall within the broad remit of the conference are also welcome.

Those interested in this field may wish to note that as this conference immediately precedes that of SHARP (Society for the History of Authorship, Readers, and Publishing) in Edinburgh, both conferences may be attended within the week. Proposals and inquiries should have

been sent to arrive by 30 December 1994 to Dr. L. Brake, CEMS, Birkbeck College, 26 Russell Square, London, WC1B 5DQ, U.K.

#### Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology

The Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB) will be held at the University of Leuven, Leuven, Belgium on 19-23 July 1995. Subjects of interest include all areas of biological research and may address any period of history or region of the world. Papers in previous years have considered research methods, biography, biological imagery, instrumentation, research institutions, epistemology, gender, and bioethics, as well as specialties such as ecology, genetics, cognitive and neurosciences, paleontology and evolution.

Participants are encouraged to coordinate sessions around a theme.

Sessions will be 90 minutes or two hours long, allowing for 3 or 4 papers. Individual papers, roundtable discussions and workshops are also welcome.

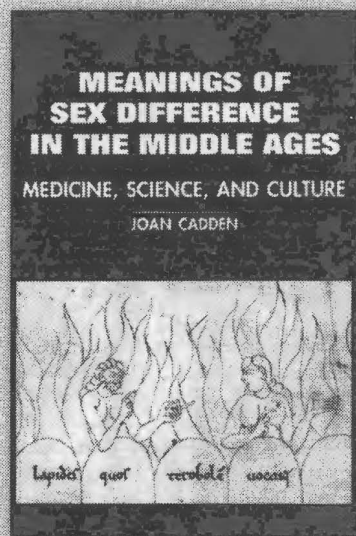
Abstracts (in English) should be 100-150 words long. Abstracts for sessions, workshops and roundtables were due 1 January 1995. For further information, please contact Linda Caporaël, Department of Science and Technology Studies, Rensselaer Polytechnic Institute, Troy, NY 12180-3590 or Elihu M. Gerson, Tremont Research Institute, 458 29th Street, San Francisco, CA 94131-2311. Ongoing information, including Program Committee member addresses, is available (courtesy of George Gale) by gopher at kasey.umkc.edu, in the "Science Studies" directory.

#### Fourth International Conference on History of General Relativity— Max Planck Institute

The Max Planck Institute for the History of Science, Berlin, announces the Fourth

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International Conference on *History of General Relativity*, to be held 31 July–3 August 1995. The organizers invite proposals for papers in all areas of the history of general relativity. Suitable topics include, but are not limited to, the following: origins of general relativity up to 1915, its precursors, competitors and related developments in physics and mathematics; the later development of the theory, including relativistic astrophysics and cosmology, unified field theories, terrestrial, planetary, and astrophysical tests; the equations of motion, gravitational collapse, black holes, and singularity theorems, relativistic continuum mechanics, quantization of general relativity, alternative theories of gravitation; general relativity in context, including the scientific, institutional, philosophical, cultural and popular reception of the theory in diverse communities and countries; and anti-relativity movements. For further information, write to Jürgen Renn, Conference on HGR, Max Planck Institute for the History of Science, Wilhelmstr, 44, 10117 Berlin, Germany; Tel. 49 30 229 40 53; Fax 49 30 229 31 84.

#### American Psychological Association Meeting

The American Psychological Association will be meeting in New York City, 11–15 August 1995. Division 26, the Division for the History of Psychology, will present a full program of activities. The Division is seeking contributed papers and symposia related to the history of all areas of psychology. Suggestions for invited speakers are welcome. Graduate student submissions are especially encouraged. The call for papers appeared in the September *APA Monitor*. Copies can be obtained from the Convention Office, APA, 750 First Street NE, Washington, DC 20002-4242; Tel. (202) 336-6020. Send submissions and suggestions to the 1995 Division Program Chair, Donald A. Dewsbury, Department of Psychology, University of Florida, Gainesville, FL 32611; Tel. (904) 392-0596; E-mail:

dewsbury@webb.psych.ufl.edu. The deadline was 2 December 1994.

#### Coping With Health— European Science Foundation

The European Science Foundation is sponsoring a conference, entitled "Coping with Health." It will be held in San Feliu de Guixols, Spain, 2-7 September 1995. This conference will focus upon four subthemes: 1) concepts (intercultural comparisons of representations of health; coping with chronic and acute diseases; prevention; and history of health care); 2) agents (policies and health care systems, aspects of organization, domestic and community health care; and self help networks); 3) costs (quality of health and disease, benefit and allocation of resources and insurances); and 4) controversies (health definitions, health and gender, health and age, and preventative medicine).

Those who wish to attend this conference should write to Dr. Josip Hendekovic, European Science Foundation, 1 Quai Lezay-Marnésia, F-67080 Strasbourg.

#### 14th Annual Conference of Cheiron— 5th Conference of the Section History of Psychology

The 14th Annual Conference of Cheiron-Europe Society for the History of the Behavioral and Social Sciences will be held 3-7 September 1995 at the Institute for the History of Modern Psychology, University of Passau, Germany. Directly after, on 7-10 September 1995, the 5th Conference of the Section History of Psychology of the German Association for Psychology will be held in the same location. Contact: H. Gundlach, Institut für Geschichte der Neuren Psychologie, Universität Passau, 94039 Passau, Germany. E-mail: ptgund01@fsuni.rz.uni-passau.de.

#### International Conference on Ancient Science and Technology

The University of Wales Institute of Classics and Ancient History will hold an International Conference on Ancient Science and Technology 6-8 September

1995 at Gregynog (the University of Wales Conference Centre, near Newtown, Powys). Speakers will include: I. Beavis (Tunbridge Wells), S. Cuomo (Cambridge), I. Freestone (British Museum), F. De Gandt (Lille III), H. Gottschalk (Leeds), A. Trevor Hodge (Carleton), J. Riddle (North Carolina), A. Sleswyk (Groningen), and T. Walden (Institute of Archaeology). Further information and Registration Forms may be obtained from: Dr. T. E. Rihll, Department of Classics, St. David's University College, Lampeter, Dyfed, SA48 7ED.

#### European Association for the History of Psychiatry Conference

The European Association for the History of Psychiatry (EAHP) will hold its third Triennial Conference in Würzburg, Germany on 11-14 September 1995. If you have questions or would like further information regarding either the conference or membership in EAHP, please contact: Priv.-Doz. Dr. Paul Hoff, Psychiatric Hospital, University of Munich, Nußbaumstr. 7, D-80336 Munich, Germany; or Dr. Mario Lanczik, Psychiatric Hospital, University of Würzburg, Fuchsleinstr. 15, D-97080 Würzburg, Germany. Suggestions for appropriate section topics and conference speakers are welcome.

#### XXth International Conference on Patristic, Mediaeval, and Renaissance Studies: Natural Philosophy in the Latin West

The International Committee for the History of Medieval and Renaissance Natural Philosophy is sponsoring a session on *Natural Philosophy in the Latin West* at the XXth International Conference on Patristic, Mediaeval, and Renaissance Studies, to be held at Villanova University, 15-17 September 1995. Papers on any aspect of medieval Latin natural philosophy from the 12th-16th centuries are welcome. A one-page abstract should be sent by 1 March 1995 to Michael W. Tkacz, Philosophy Department, Gonzaga University, Spokane, WA 99258.

### Imperial Chemistry—Royal Society of Chemistry

The Royal Society of Chemistry is organizing a meeting, *Imperial Chemistry*, which will take place at Imperial College of Science, London, UK, during the period 21–23 September 1995. The meeting celebrates the 150th Anniversary of the founding in 1845 of the Royal College of Chemistry, the forerunner of the Royal College of Science and the founding college of Imperial College. The program comprises an historical, scene-setting introduction, lectures by distinguished former and current members of Imperial College and an historical component and a tour of "Chemical and Scientific London." Further details are available by writing to John F. Gibson, The Royal Society of Chemistry, Burlington House, London W1V 0BN, UK.

### Notre Dame Human Genome Project Conference

The John J. Reilly Center for Science, Technology and Values, The Program in History and Philosophy of Science, and the College of Arts and Science at the University of Notre Dame will sponsor a major conference on the Human Genome Project entitled "Controlling our Destinies: Historical, Philosophical and Ethical Perspectives on the Human Genome Project" on the Notre Dame campus. The conference, to be held 5-8 October 1995, will include major sessions examining HGP issues from historical, sociological, philosophical, ethical and science-religion perspectives are planned, with participation from a wide group of scholars, including Horace Judson, Harvey Bender, David Hyde, Lily Kay, Hans-Joerg Rheinberger, Evelyn Fox Keller, Jean Gayon, John Beatty, Timothy Lenoir, Stephen Hilgartner, Michael Fortun, Jean Paul Gaullidière, Robert Bud, Kenneth Schaffner, Edward Manier, Philip Kitcher, Diane Paul, Arthur Caplan, Timothy Murphy, Arthur Peacocke, Ernan McMullin, Osman Bakar, David Burrell, Kevin Fitzgerald, and John Staudenmaier. Contributed paper sessions are planned to encourage attendance by other scholars.

Proposals for fifteen-minute papers must be received by 1 June 1995, along with a 200 word abstract. Send proposals and requests for further information to Phillip Sloan, Director, Notre Dame Program in History and Philosophy of Science, University of Notre Dame, Notre Dame, IN 46556; fax: (219) 631-8209; e-mail: phillip.r.sloan.1@nd.edu.

### Canadian Science and Technology Historical Association Conference

The Canadian Science and Technology Historical Association will hold its 1995 conference in Kingston, 13-15 October 1995, with sessions devoted to the history of science and technology. Most sessions in 1995 will be, as usual, on topics to be proposed by CSTHA members and by other responding to the call for papers.

If you interested in presenting a paper (20 minutes), a work-in-progress report (10 minutes), and/or organizing a session, please send an abstract of 100-150 words to the program chair at his office, please note that you may leave a message on his voice mail. Contact: Alain Canuel, Tri Council Secretariat, 350 Albert Street, P.O. Box 1610, Ottawa, ON, Canada, K1P 6G4; telephone: (613) 943-1140 (office) or (819) 775-3951 (home); fax: (613) 847-0223; e-mail: aca@cs.sshrc.ca.

### 1995 Annual Meeting of the Society for Literature and Science

The Society for Literature and Science will hold its annual meeting in Los Angeles 2-5 November 1995. Contribution proposals were due 15 February 1995, but for attendance information contact: Jay A. Labinger. Beckman Institute 139-74, California Institute of Technology, Pasadena, CA 91125.

### History of Science Society Committee on Education: Teaching the History of Non-Western Science

The History of Science Society's Committee on Education (CoE) is organizing a workshop for the HSS 1995 Annual Meeting in Minneapolis, MN, 26–29 October 1995, on *Teaching the History of Non-Western Science*. The CoE intends

to cover China, India, Pre-Columbian America, Africa, Japan, Latin America and Southeast Asia and the Pacific. The CoE is also using the occasion to consolidate information on relevant teaching materials. The CoE is now collecting the following: sample syllabi; information on audio-visual materials; recommendations on outstanding secondary sources for teacher reference; and names of members interested in volunteering as resource contacts for other members on the Society. To contribute materials or to recommend individuals to speak at the workshop, contact Douglas Allchin, 579 Ashland Avenue, St. Paul, MN 55102.

### European Society for the Study of Science and Theology Conference

The European Society for the Study of Science and Theology (ESSAY) will hold its Sixth European Conference on Science and Theology (ECST VI) in Kraków, Poland, 26-30 March 1996. The theme will be "The Interplay of Scientific and Theological World Views" and will be held in cooperation with the Center for Interdisciplinary Studies at the Pontifical Academy of Theology, Kraków.

The conference will include five plenary lectures by prominent scholars, some of which will be open to the public. An important thrust is expected to come for the fourteen workshops, where papers contributed by the participants will be discussed. One of these should be sufficiently close to your interests to accommodate a paper (abstract to be submitted by 31 May 1995) or your oral contribution.

All conference activities will take place in Kraków's Old Town with direct access to a wealth of cultural and historical attractions. Visits to the famous salt mine at Wieliczka, to Auschwitz, and to museums of astronomical instruments and manuscripts, including those of Copernicus, will be organized during the conference.

For registration information contact: Dr. Zbigniew Liana, ul. sw. Marka 10, PL - 31012 Kraków, Poland; telephone: (+48) 12 222 178; Fax: (+48) 12 221018; e-mail: atliana@cyf-kr.edu.pl.

**Architecture and Science Session at the Annual Meeting of the Society of Architectural Historians**

The 49th Annual Meeting of the Society of Architectural Historians, St. Louis, 17-21 April 1996, will feature a session on "Architecture and Science: The Place of Historical Epistemology in Architectural Thought." This session will explore such themes as the scientific patronage of architectural work, the emergence of new building types such as museums, laboratories, planetariums, and even space stations in relationship to scientific developments, and the tension between artistic and scientific ideals in architectural thought. This session also invites papers which explore the ideological connections between architecture and science within a variety of historical and cultural contexts.

Abstracts should be 750 words long, and are due by 1 September 1995. Send abstracts and inquiries to Carla Yanni, School of Architecture and Planning, University of New Mexico, 2414 Central SE, Albuquerque, NM 87131, cyanni@unm.edu, or to Paula Y. Lee, University of Chicago, Department of Art, Cochrane-Woods Art Center, 5540 S. Greenwood Ave, Chicago, IL 60637, paulalee@midway.uchicago.edu.

**Third British-North American Joint Meeting of the CSHPS, HSS and BSHS**

Following the two highly successful meetings in Manchester (1988) and Toronto (1992), the third joint meeting of the CSHPS, HSS and BSHS will take place in Edinburgh, Scotland, 23-26 July 1996. These dates coordinate with the international meeting of SHOT in London on 1-4 August 1996. Dr. John Henry is chair of local arrangements, and participants can be assured of a pleasant and affordable stay in this beautiful, historic and accessible capital city. Registrations will be coordinated by the BSHS Executive Secretary.

This announcement constitutes a call for individual papers, and for proposals by prospective organizers of scholarly sessions. Once again there will be a theme: "Crossing Boundaries." This can be

interpreted broadly to include the historical study of science across, for example, national, regional, community, disciplinary, public-private and professional-lay boundaries. The theme is intended to provide a wide chronological and subject range, and to bridge a variety of approaches and methods, but also to ensure coherence around interpretive problems of current interest. All offers of organized sessions will, however, be carefully considered.

Papers must last no longer than 20 or 30 minutes, and all speakers must submit abstracts to Dr. Henry by 1 June 1996, for all participants to receive a program upon registration. [Note: To facilitate this, speakers should be prepared to send computer disks of the abstracts to the BSHS Executive Secretary—ASCII text file in DOS preferred.] Session organizers are strongly encouraged to include speakers from more than one country, and to preserve time for good discussion led by a commentator. Sessions will last for 1.5 and 2 hours.

Proposers of sessions are invited to submit details of prospective speakers, their paper topics and the discussant/commentator. Proposers of individual papers should submit a provisional abstract of approximately 250 words. All should be sent to one of the Programme Chairs of the respective societies by 1 August 1995, listed below:

**HSS**—Robert Hatch, Department of History, University of Florida, Gainesville, FL 32611, USA; Tel: (904) 392-0271; Fax: (904) 392-6927; E-mail: ufhatch@nervm.nerdc.ufl.edu.

**CSHPS**—Hannah Gay, Department of History, Simon Fraser University, Burnaby, B.C., V5A 1S6 Canada; Tel: (604) 291-3648; Fax: (604) 291-5837; E-mail: hgay@sfu.ca.

**BSHS**—Stephen Pumfrey, Department of History, Lancaster University, Lancaster LA1 4YG; Tel: 0524-592508; Fax: 0524-846102; E-mail: s.pumfrey@lancaster.ac.uk.

**Local Organizer** (not for offers of papers)—John Henry, Science Studies Unit, University of Edinburgh, 21

Buccleugh Place, Edinburgh EH8 9JT, Scotland; E-mail: eass07@castle.ed.ac.uk.

**XXth International Congress of History of Science**

The International Union of History and Philosophy of Science, Division of History of Science (IUHPS/DHS) announces a conference "Science, Technology and Industry" to be held at the University of Liège (Belgium) 25-30 July 1997. For more information, contact: Centre d'Histoire des Sciences et des Techniques, Université de Liège, Avenue des Tilleuls 15, B-4000 Liège, Belgium; telephone: 32 41/66.94.79; Fax: 32 41/66.95.47.

## POSITIONS

This list presents all announcements of job searches brought to the Society's attention. The Society cannot assume any responsibility for the accuracy of any item and potential applicants should double-check all details, especially closing dates.

Notices of all job announcements are posted as they are received on HSSJOBS, an electronic bulletin board that is now accessible the World Wide Web. Members can connect to HSSJOBS via a World Wide Web browser such as Lynx, Mosaic, or Netscape. Lynx is a browser which only works with the text portion of WWW resources, so it works over most common connections with most terminals. Mosaic and Netscape are graphical interfaces and require desktop hardware and network connections capable of handling images. However, the electronic bulletin board is in text-format only at this time, but it is still accessible through any of these browser programs.

For members who have the capability to use Lynx on a Unix system, when you start Lynx you will first get to a "home page"—probably the home page of your institution. Once you are at your "home page," use the "G)o" command to get to the University of Washington's "anonymous ftp" service (at ftp.u.washington.edu). After typing the "G" command, you should get a message

that asks, "URL to open:" and this is what you need to type in: ftp://ftp.u.washington.edu/public/hss/hssjobs. Bingo! You should now see the file.

For members who wish to use the Netscape or Mosaic browser, all you need is the URL address which is the same as above (ftp://ftp.u.washington.edu/public/hss/hssjobs). Simply click on the File menu and pull down to "Open Location" and type in the URL address. However, remember that there are no graphical images on HSSJOBS at this time.

Most people who have access to Gopher should be able to run Lynx. If you do not know if your institution has access to the World Wide Web, you should call your institution's computer network department for assistance. If you still have questions or experience any problems after working with your computer network technicians, feel free to send e-mail to Amy Lanfear at amyl@u.washington.edu.

#### Visiting Assistant Professor—

##### Case Western Reserve University

Technology and Science. Case Western Reserve University seeks a Visiting Assistant Professor in the history of technology for the 1995-96 academic year. Competence to teach history of science desirable. Duties include two courses per semester. Salary competitive. Ph.D. in hand preferred. Submit letter of application, c.v., and three letters of recommendation by 1 May 1995 to: Professor Miriam R. Levin, Department of History, Case Western Reserve University, Cleveland, OH 44106-7107. CWRU is an AA/EOE.

#### Editor—American Chemical Society/

##### Chemical Heritage Foundation

*The History of the Modern Chemical Sciences Series* is co-published by the American Chemical Society and the Chemical Heritage Foundation. This book series is aimed at a wide audience, and offers reference works and popular books that complement the familiar offerings of academic presses. The first book in the series is *Nobel Laureates in Chemistry*, a compilation of short biographies. Volumes

in press include the memoirs of a German nuclear chemist in Stalinist Russia, and a selection of the classic papers of R.B. Woodward.

The management board for the series now seeks a new editor, from 1 January 1996. The new editor will build on the foundation established by the series' first editor Dr. Jeffrey L. Sturchio of Merck, Inc., and will actively encourage the publication of historical analyses of industries and segments of the chemical sciences, autobiographical memoirs, biographies and reminiscences, edited collections of essays and documentary sources, classic reprints, pictorial volumes, etc. The aim of the series is to bring to life the individuals, ideas, institutions, and innovations that have created the modern chemical sciences, within the context of their myriad social, political and economic dimensions. If you are interested, or have candidates to suggest, please write immediately and in any case before 31 May 1995 to M. Joan Comstock, ACS Books, 1155 16th Street NW, Washington DC, 20036, Fax: (202) 452-8913; or Arnold Thackray, CHF Executive Director, 3401 Walnut Street, Philadelphia, PA, 19104, Fax: (215) 898-3327.

#### Research Assistantship—California Institute of Technology

The California Institute of Technology is seeking an individual for a part-time (20 hours) research assistantship, one-year renewable, to begin in August or September 1995. The Assistant will help with diverse projects in the history of science since the late nineteenth century, especially in the United States. The projects span the history of modern biology, medical research (particularly cancer and virology), instrumentation, environmentalism, science-related issues in public policy, and, possibly, some physics. Applicants need not have competence in all these fields but should be willing to learn about them on the job. The post is particularly suitable for someone writing his or her dissertation, but scholars at other stages of their careers will be considered.

Monthly salary: \$1,417, plus standard benefits. Applicants should send a description of expertise and interests as well as a graduate transcript, a writing sample, and at least one letter of recommendation to Professor Daniel J. Kevles, Division of Humanities and Social Sciences, California Institute of Technology, Pasadena, CA 91125. Fax: (818) 793-4681; e-mail: kevles@caltech.edu. Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

#### Editor—Darwin Correspondence Project

Applications are sought for an editorial position on the staff of the Darwin Correspondence Project, which is sponsored by the American Council of Learned Societies.

The preparation of a complete edition of the letters from and to Darwin from 1821 until his death in 1882 and its publication by the Cambridge University Press are in progress. Nine volumes have been published so far and a total of thirty are planned for completion of the edition.

The applicant's qualifications should include a Ph.D. in the History of Science, preferably with emphasis on the 19th century, and editorial experience.

The appointee will work at the Darwin archives, Cambridge University Library, Cambridge, England. The salary will be commensurate with qualifications and experience, benefits will be those of the professional staff of the American Council of Learned Societies, and transportation to the U.K. and return will be provided.

Applicants should send a résumé, with salary history, and the names and addresses of three referees to: Frederick Burkhardt, Darwin Correspondence Project, P.O. Box 1067, Bennington, VT 05201.

#### ALSO NOTED:

**Director, History of Astronomy Department—The Adler Planetarium**  
The Adler Planetarium accepted applications for the position of Director, History of Astronomy Department, which

became available in January 1995. This position manages the department, reports to the President as a member of the Senior Management team, and serves as a liaison with the Board of Trustees. The Director is responsible for engaging in an active program of research and writing, primarily focused on the Adler's collection, directing the growth and promoting use of the Planetarium's collection of antique astronomical instruments, contributing to the exhibitions of the collection, and promoting and participating in educational programs. The position also serves as an historical and information resource for the Planetarium and answers queries. The Director directly supervises approximately eight staff members, including collection assistants, interns, and volunteers. The qualifications for this position were a Ph.D. in the History of Science or related field, experience in research and writing, and good supervisory and communication skills. Curatorial and teaching experience, as well as foreign language competence in Arabic, Latin, and modern languages was preferred. Computer expertise was required; knowledge of the Macintosh computer was preferred. Benefits included health, dental and life insurance coverage, vacation and holiday time, a retirement plan and an optional tax sheltered annuity program. Application materials were sent to: Margo Dawson, Human Resources Manager, The Adler Planetarium, 1300 South Lake Shore Drive, Chicago, IL 60605; e-mail: mdawson@midway.uchicago.edu. The Adler Planetarium is an Equal Opportunity Employer.

**Assistant (or Associate) Professor of the History of Engineering—  
Massachusetts Institute of Technology**

The Program in Science, Technology, and Society at the Massachusetts Institute of Technology invited applications for a tenure-track appointment, to begin September 1995 or January 1996. Candidates should have had a strong research and teaching background in late 19th and 20th-century history of engineering and technology. In addition to

offering courses in the history of technology, a primary responsibility is to organize and teach an inter-school graduate seminar that addresses contemporary issues in engineering and manufacturing.

MIT is an Equal Opportunity and Affirmative Action employer and strongly encourages the applications of women and members of minority groups.

Applications (a complete c.v. and three letters of recommendation) should have been sent by 1 April 1995 to Office of the Director, Program in Science, Technology, and Society, Room E51-110, MIT, Cambridge, MA 02139. Fax: (617) 258-8118.

**Postdoctoral Scholar—The Center for the History of Electrical Engineering at Rutgers University**

The Center for the History of Electrical Engineering at Rutgers University sought a Postdoctoral Scholar for a one-year position beginning September 1995, with the expectation of two one-year renewals. The Center is joint venture of the Institute of Electrical and Electronics Engineers, Inc., and Rutgers-The State University of New Jersey. The position calls for teaching one undergraduate course per year on the history of technology, medicine, and science. The main responsibility is to work on one of the Center's projects, mutually agreed upon by the holder of the postdoc and the Center's Director. The most likely project will be to write the third volume, covering the period since 1945, of the Center's survey history of electrical technology. Candidates must have received their Ph.D. in history, history of science and technology, or historically oriented science studies by September 1995. Knowledge of the history of technology or of the physical sciences in the nineteenth or twentieth centuries was preferred. Interested parties should have sent a letter of recommendation and curriculum vita, and have had three letters of reference sent directly. The position was filled in December 1994. Women and minorities were encouraged to apply. Application materials were sent to Postdoc Search, CHEE, Rutgers University, 39 Union

Street, New Brunswick, NJ 08903; telephone: (908) 932-1066, fax: (908) 932-1193.

**Assistant Professorship—  
University of Southern Louisiana**

The University of Southern Louisiana invited applications for an entry-level tenure-track assistant professorship beginning 21 August 1995. Ph.D. required with some teaching experience and evidence of publication potential. USL sought a modern European Historian with global perspective and qualifications in third world and/or science and technology. Teaching responsibilities included undergraduate World Civilization I and II and advanced courses in specialties. USL enrolls 16,500 students and offers the M.A. in history. Application letter, curriculum vitae, graduate transcripts, three current letters of recommendation and recent publications (if available) should have been sent by 24 February 1995, to Reinhart Kondert, History Search Committee, USL Box 42531, Lafayette, LA 70504-2531. AA/EOE. Women and minorities were encouraged to apply.

**One-Year Postdoctoral Associateship—  
Cornell University**

The Department of Science and Technology Studies at Cornell University invited applications for a one-year postdoctoral associateship for the 1995-96 academic year. The associate will be expected to carry out research on the social implications of changing knowledge in the life sciences, focusing on one or more of the following topics: historical, philosophical, or social studies of scientific change; communication and the use of scientific knowledge; biology and the legal order; or environmental change. The associate also will participate in training graduate students funded by a National Science Foundation training grant. The associateship carries a stipend of \$29,200 plus health benefits. The associate must have completed the Ph.D. by September 1995. Applications, which should include a curriculum vitae and list of publications, three letters of recommendation, and brief

outline of proposed research, should have been sent by 15 February 1995 to Postdoctoral Search Committee, Department of Science and Technology Studies, 726 University Avenue, Cornell, Ithaca, NY 14850-3995; telephone: (607) 255-6234; fax: (607) 255-0616. Cornell is an Affirmative Action/Equal Opportunity Employer.

**Research Assistant—National Museum of American History**

The National Museum of American History, Smithsonian Institution, sought a research assistant to help gather information, documents and artifacts related to recent developments in electric lighting. This one-year appointment is a the GS-7 level (\$24,625 plus benefits), available immediately. Applicants should have graduate-level training in history and sufficient technical background to be able to understand the operation of these devices. Contact Bernard Finn, Division of Electricity and Modern Physics, MRC 631, NMAH, Smithsonian Institution, Washington, DC 20560; telephone: (202) 357-1840; Fax: (202) 633-9273; e-mail: mah0h89@sivm.si.edu.

**Director—Academy of Model Aeronautics**

The Academy of Model Aeronautics in Muncie, Indiana, sought a director to manage its museum of aeromodeling. The position included development of a research library and archives, development of outreach programs, supervision of a museum store, and implementation of a records management plan. For more information contact the academy's Human Resources Department: 515 E. Memorial Drive, Muncie, IN 47302; telephone:(317) 287-1256; Fax: (317) 289-4248.

**Visiting Assistant Professor—Bucknell University**

Visiting Assistant Professor, entry level, for one-year sabbatical replacement to begin August 1995. Three courses per semester in history of science, technology, and/or medicine, including surveys and upper-level courses. Period and specialty

open. Teaching experience required. ABD's considered, Ph.D. preferred. Letter of interest, c.v. or resume. plus placement dossier or three letters of recommendation should have been sent before 1 March 1995, to Search Committee, History Department, Bucknell University, Lewisburg, PA 17837. Bucknell University encourages applications from women and members of minority groups (EEO/AA).

**Visiting Assistant Professor—The Johns Hopkins University**

The Department of the History of Science, Medicine, and Technology at The Johns Hopkins University invited applications for a Visiting Assistant Professor in 1995/96. Preference was given to candidates who can teach undergraduate courses in the history of early modern science and technology, and whose research and teaching interests complement those of the current faculty. Candidates should have a Ph.D. in hand, or should plan to have their dissertations completed and accepted by 1 September 1995.

They were looking for someone who will participate in both undergraduate and graduate program. The teaching load is two courses per semester, with courses in the history of science (from antiquity to the Scientific Revolution) is required in the fall. Salary will be in the assistant professor range, depending on experience.

Applicants should have sent a c.v. and a letter indicating teaching and research interests, and arrange to have three letters of recommendation sent to Professor Stuart W. Leslie, Department of the History of Science, Medicine, and Technology, 216B Ames Hall, The Johns Hopkins University, Baltimore, MD 21286, USA. Telephone (410) 516-7738; Fax (410) 516-7502. Applications should have been made by 15 March 1995.

**Professorship—University of Oklahoma**

The College of Arts and Sciences at the University of Oklahoma, Norman, invited applications to fill the David A. Burr Chair of Letters. This chair was endowed for the purpose of enriching and improving University programs in the field of Letters,

which embodies the concept of an interdisciplinary University professorship in language areas and the humanities. We are seeking an established scholar in the humanities at the full professor level whose interests are broadly interdisciplinary. Candidates must have a strong record of publication, a demonstrated commitment to undergraduate and graduate education, and must qualify for a tenured professorship in one of the humanities departments: Classics; English; History; History of Science; Modern Languages, Literatures and Linguistics; or Philosophy.

The position will carry a salary in the \$60-70,000 range and will include a competitive fringe benefits package, start-up/research funds, and a moving allowance. Applicants should have submitted a complete Curriculum Vitae, a letter of application describing current research/scholarly activities and future research and teaching plans, and have had three references submitted letters of support directly to the search committee. Review of applications began 15 March 1995, and will continue until an appointment is made.

Applications materials should have been sent to: Dr. David A. Young, Dean and Chair, Burr Search Committee, College of Arts and Science, The University of Oklahoma, 601 Elm, Room 1100, Norman, OK 73019-0315, Phone: (405) 325-2077; Fax: (405) 325-7709. The University of Oklahoma is an Equal Opportunity-Affirmative Action employer. Women and minorities are encouraged to apply. OU has a policy of being responsive to the needs of dual career couples.

## FELLOWSHIPS & GRANTS AVAILABLE

### Mellon Research Internships—American Philosophical Society Library

The American Philosophical Society Library is accepting applications for a unique program of summer internships for graduate students in the humanities or social sciences. The fellowships are suited to students who may be interested in careers in public history, cultural institutions, archives, historical societies, or special collections research libraries.

The Society's Library, located near Independence Hall in Philadelphia, is a leading international center for research in the history of American science and technology and its European roots, as well as early American history and culture. The Society was founded by Benjamin Franklin in 1743 and began collecting journals, books, and papers soon after the publication of its first volume of *Transactions* (the oldest learned journal in the New World) in 1771. Today the Society's Library houses over 6.5 million manuscripts, 190,000 volumes and bound periodicals, and thousands of maps and prints. Outstanding historical collections and subject areas include the Franklin papers; the American Revolution; 18th and 19th century natural history; western scientific expeditions and travel; Peale family papers; American Indian languages; anthropology; the papers of Charles Darwin and his forerunners, colleagues, critics, successors; history of genetics, eugenics, and evolution; history of biochemistry, physiology, and biophysics; 20th-century medical research; and history of physics.

The Fellowships, funded by The Andrew W. Mellon Foundation, are intended to encourage graduate students to investigate the mission and functions of a specialized research library. To insure a wide range of perspectives and experience, staff members from the Library's Manuscripts, Archival Processing, Reference and Imprints, and Conservation departments will work with interns on a variety of behind-the-scenes and public service projects. Attempts will

be made to match these projects to the interns' academic interests.

Stipends are \$3,200.00 for the two-month internship, which is to be held from 5 July through 25 August 1995. Modest travel funds are also available. Applicants should have completed their first year of graduate study by the beginning of the summer. There is no special application form and this notice provides all the essential information needed to apply. Applicants should submit a letter (not to exceed two single-spaced pages) which briefly describes their interest in the program. Also required is a curriculum vitae or resume and one letter of reference from a current or recent professor that comments on the qualities the applicant would bring to the Library. In addition, applications must include the name, address, and telephone number of a second reference.

Address application to: Dr. Martin L. Levitt, Associate Librarian for Administration, American Philosophical Society Library, 105 South Fifth Street, Philadelphia, PA 19106. Telephone: (215) 440-3400. Applications must be postmarked by 28 April 1995. Notice of awards will be sent by 26 May 1995.

### National Endowment for the Humanities—Fellowships

NEH Fellowships provide support for work on a project that will make a significant contribution to thought and knowledge in the humanities. There are two competitions for the Fellowships. One is for scholars in undergraduate colleges and universities, for independent scholars, and for scholars associated with institutions such as museums, libraries and historical societies. The second program is for scholars at Ph.D.-granting universities. Prospective applicants should write or call the Endowment if they have questions about the appropriateness of their work to the Division's programs or if they want application materials. Contact: Division of Research Programs, National Endowment

for the Humanities, Room 316, 1100 Pennsylvania Avenue, NW, Washington, DC 20506; telephone: (202) 606-8466. The deadline for 1996-97 applications is 1 May 1995.

### American Institute of Physics—Research Grants

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 (such as astronomy, geophysics, and optics) and their social interactions. Grants can be up to \$2,500.00 each. They can be used only to reimburse direct expenses connected with the work. Preference will be given to those who need part of the funds for travel and subsistence to use the resources of the Center's Niels Bohr Library in College Park, Maryland (easily accessible from Washington, DC), or to microfilm papers or to tape-record oral history interviews with a copy deposited in the Library. 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 advisor), or show a record of publication in the field. To apply, send a vitae plus a letter of no more than two pages describing your research project, and including a brief budget showing the expenses for which support is requested. Send to Spencer Weart, Center for History of Physics, American Institute of Physics, One Physics Ellipse, College Park, MD 20740; telephone: 9301) 209-0882; e-mail [sweart@aip.org](mailto:sweart@aip.org). Deadlines for receipt of applications are 30 June and 31 December of each year.

### Fulbright Scholar Awards—1996-97 Competition

Fulbright lecturing and research opportunities are available in nearly 140 countries. Awards range from two months to a full academic year. Virtually all disciplines and professional fields participate.

The basic requirements for a Fulbright Scholar award are U.S. citizenship and the Ph.D. or comparable professional

qualifications (for certain fields such as the fine arts or TESOL, the terminal degree in the field may be sufficient). For lecturing awards, university of college teaching experience is expected. Language skills are needed for some countries, but most lecturing assignments are in English.

The deadline for lecturing or research grants for 1996-97 is 1 August 1995. Other deadlines are in place for special programs: distinguished Fulbright chairs in Western Europe (1 May) and Fulbright seminars and academic administrator awards (1 November).

Funding for the Fulbright Program is provided by the United States Information Agency, on behalf of the U.S. government, and cooperating governments and host institutions abroad.

For further information and application materials, contact the Council for International Exchange of Scholars, 3007 Tilden Street, NW, Suite 5M, Box GNEWS, Washington, DC 20008-3009. Telephone: (202) 686-7877. E-Mail (application requests only); [cies1@ciesnet.cies.org](mailto:cies1@ciesnet.cies.org).

#### **ACOG-Ortho Fellowship in the History of American Obstetrics and Gynecology**

The American College of Obstetricians and Gynecologists announces and Ortho Pharmaceutical Corporation jointly sponsor two \$5000 fellowships in the History of American Obstetrics and Gynecology each year. ACOG members and other qualified individuals are encouraged to apply. The recipients of the fellowships spend one month in the Washington, DC area, working full-time to complete their specific historical research project.

Although the fellowships will be based in the ACOG History Library, the fellows are encouraged to use other national, historical, and medical collections in the Washington, DC area. The results of this research must be disseminated through either publication or presentation at a professional meeting.

Applications and further information about the fellowship can be obtained by contacting The American College of

Obstetricians and Gynecologists, Susan Rishworth, History Librarian/Archivist, 409 Twelfth Street, SW, Washington, DC 20024-2588; Tel. (202) 863-2578/2518. The deadline for applications is 1 September 1995. Selection will be made and the recipient notified as soon as possible after the deadline so that the fellowship may begin as early as Winter, 1995.

#### **Alexander von Humboldt Foundation— Research Fellowships**

The Alexander von Humboldt Foundation of Bonn, Germany, provides highly qualified individuals of all nationalities the opportunity to conduct research in Germany. The Foundation's North American Office in Washington, DC, distributes information on collaborative research support programs to North American scholars. Since 1953 the Foundation has enabled more than 3500 scholars from the United States and Canada to participate in such programs.

The Research Fellowship Program provides support to non-German scholars who have earned a doctorate and are under 40 years of age for the conduct of research in Germany in all fields of scholarship for periods of 6 to 12 months. For the past several years, approximately 70 American scholars have been selected annually in worldwide competition. The Humboldt Research Award provides internationally recognized scholars and previous awards. The Feodor Lynen Fellowship Program enables German scholars under 38 years of age who have a doctoral degree to spend as many as three years at the home institutions of former Humboldt fellows and awardees. The Max-Planck permits internationally recognized German and non-German scholars to conduct long-term, project-oriented cooperative research; only senior officials of German research institutions, may nominate candidates. The Bundeskanzler Scholarship Program provides the opportunity each year for as many as 10 promising young Americans who demonstrate the potential of playing a pivotal role in the future relationship between Germany and the United States to

spend a year in Germany on research projects of their own design.

From 1953 to 1994, the Humboldt Foundation's programs have supported approximately 16,000 scholars from 120 nations. The Foundation maintains contact with all of its scholars through its Follow-Up Program. Follow-Up activities include support for short research stays in Germany, the donation of scholarly literature and scientific equipment (the latter applies only in exceptional cases to U.S. scholars), and a grant to cover printing costs and expenses of attending academic conferences in Germany and elsewhere abroad.

Qualified individuals are encouraged to apply for these programs. For more information about the Alexander von Humboldt Foundation and its programs, please contact Dr. Bernard Stein, the Alexander von Humboldt Foundation, Suite 903, 1350 Connecticut Avenue NW, Washington, DC, 20036; Tel.: (202) 296-2990; Fax: (202) 833-8514.

#### **ALSO NOTED:**

##### **Mellon Research Fellowships—**

##### **American Philosophical Society Library**

The American Philosophical Society Library accepted applications for short-term residential fellowships for conducting research in its collections. The Society's Library, located near Independence Hall in Philadelphia, is a leading international center for research in the history of American science and technology and its European roots, as well as early American history and culture. The Library houses over 6.5 million manuscripts, 190,000 volumes and bound periodicals, and thousands of maps and prints. Outstanding historical collections and subject areas include the papers of Benjamin Franklin; the American Revolution; 18th and 19th century natural history; western scientific expeditions and travel including the journals of Lewis and Clark' polar exploration; the papers of Charles Willson Peale, including family and descendants; American Indian languages; anthropology including the papers of Franz Boas; the

papers of Charles Darwin and his forerunners, colleagues, critics, successors; history of genetics, eugenics, and evolution; history of biochemistry, physiology, and biophysics; 20th-century medical research; and history of physics. (The Library does not hold materials on philosophy in the modern sense.)

The fellowships, funded by The Andrew W. Mellon Foundation, are intended to encourage research in the library's collections by scholars who reside beyond a 75-mile radius of Philadelphia. The fellowships were open to both U.S. citizens and foreign nationals who are holders of the Ph.D. or the equivalent, Ph.D. candidates who have passed their preliminary exams, and independent scholars. Applicants in any relevant field of scholarship may apply. The stipend is \$1,900.00 per month, and the term of the fellowship is a minimum of one month and a maximum of three, taken between 1 June 1995 and 31 May 1996. Fellows are expected to be in residence for four consecutive weeks during the period of their award.

There was no special application form and this notice provides all the essential information needed to apply. Applicants should have submitted the following: (1) cover sheet stating a) name, b) title of project, c) expected period of residence, d) institutional affiliation, e) mailing address, f) telephone numbers, and e-mail if available, and g) social security number; (2) a letter (not to exceed three single-spaced pages) which briefly describes the project and how it relates to existing scholarship, states the specific relevance of the American Philosophical Society's collections to the project, and indicates expected results of the research (such as publications); (3) a c.v. or resume; and (4) one letter of reference (doctoral candidates must use their dissertation advisor). Published guides to the Society's collections are available on request. Applicants were strongly encouraged to consult the Library staff by mail or phone regarding the collections.

Address inquires to Mellon Fellowships, American Philosophical Society Library,

105 South Fifth Street, Philadelphia, PA 19106-3386. Applications must have been received by 1 March 1995. Notice of awards will be mailed by 1 May 1995.

#### Max-Planck-Institut Postdoctoral Fellowships

The Max-Planck-Institut for the History of Science announced postdoctoral fellowships for outstanding young scholars in the history of science and technology for the academic year 1995-96. The chief selection criterion was to be scholarly achievement and promise; candidates of any nationality and all areas of specialty were invited to apply. However, research projects related to the following topics, which are current research foci at the Institut, were particularly welcome: 1) the history of proof, test, and demonstration in the sciences and mathematics; 2) the history of visual and graphical representations in the sciences; 3) the forms and transformations of scientific experience in the enlightenment: voyages of exploration, laboratory experiments and demonstrations, field observations, instrumentation, museums and botanical gardens; 4) common roots and mutual relationships of fundamental concepts of classical science (biology, chemistry, mathematics, physics); 5) the history of the relationship between scientific and technological terminology (in particular in the early modern period); 6) the reconstruction of the role of formal and informal frameworks of inference ("mental models," "frames," etc.) in the process of scientific thinking; 7) computer representations as a means of the reconstructing scientific thinking; 8) relationships between scientific and subsentific knowledge.

Fellows must have completed their Ph.D. by September 1995; the stipend is DM 3,200 per month. Applicants should have sent a curriculum vitae, brief summary of research project (1500 words), two letters of recommendation, and writing sample (e.g. dissertation chapter or article) by 15 March 1995 to: Jochen Schneider, Max-Planck-Institut für Wissenschaftsgeschichte, Wilhelmstr. 44,

10117 Berlin, Germany (Fax: +30-22 667-299).

The Institut also offered postdoctoral research fellowships in the history of science, technology, and medicine in the Walther-Rathenau-Program. The fellowships will be awarded for a period of one year, beginning October 1995. The stipend is DM 2,350 DM per month with additional research and family allowances, including travel costs.

The fellowships are intended to give outstanding young scholars of all nationalities who have recently received their doctorate in any field the opportunity to pursue a research project that connects the history of science, technology, or medicine to their own discipline. The theme of the Rathenau Fellowships for 1995-96 will be relationships between the history of art and architecture and the history of science, technology, and medicine. Specific research foci include: 1) the relationship between architecture and the sciences of statics and mechanics from antiquity through the early modern period; 2) relationships between architectural and mechanical or astronomical models; 3) the social and cultural context of art, architecture, science and engineering in the early modern period; 4) scientific image-making in the eighteenth and nineteenth centuries, including atlases, photographs and maps.

Applications for the fellowships should have been received by 1 March 1995. Fellows must have completed by September 1995. Applicants should have submitted a curriculum vitae, a brief (1500 words) research project description, two letters of recommendation, and a writing sample (e.g. article or dissertation chapter) to: Michael Becker, Verbund für Wissenschaftsgeschichte, Technische Universität Berlin, 0132 Sekretariat HAD 29, Zi. HAD 516a, Hardenbergstr. 4-5, 10623 Berlin, Germany (Fax: +30-314-25962).

#### UCLA Postdoctoral Fellowship

The UCLA Center for Cultural Studies of Science, Technology, and Medicine invited applications for a post-doctoral

fellowship to be held during the 95-96 academic year. Responsibilities include teaching one course during each of three quarters and full participation in the center's activities. Applications must have included descriptions of current research and teaching and a statement of how that research and teaching contribute to cultural studies of science, technology, and medicine. Remuneration: \$31,000 and benefits. Application letters and three letters of recommendation were to have been received by 15 March 1995; sent to Sharon Traweck, History Department, UCLA, Los Angeles, CA 90095-1473.

#### History of Home Economics or Nutrition—Fellowships

The New York State College of Human Ecology at Cornell University and Cornell's Mann Library offered summer or sabbatical fellowship(s) of \$3,500-\$5,000 to provide support toward research on the history of home economics or nutrition, and their impact on American society. Mann Library and the Department of manuscripts and University Archives, Olin Library have extensive holdings in home economics, nutrition, agriculture, and related sciences.

Although preference was to be given to scholars in more advanced stages of a research project, younger scholars were encouraged to apply. Minimum continuous

residence: 6 weeks. Deadline: 31 March 1995. Decisions by 18 April 1995.

Applicants were to have sent a short (3-5 pp.) proposal of the research planned, specifying both published and manuscript materials to be used from the Cornell collection; a cover sheet indicating name, address, phone, fax, organization/university, research title, research abstract; a vita, a writing sample or previous publication; and two letters of recommendation to: Office of the Dean, College of Human Ecology, N113 MVR Hall, Cornell University, Ithaca, New York 14853-4401. For more information, or to receive a brochure, call (607) 257-0568, or fax (607) 255-3794.

## HSS and the Contract with America

*(continued from page 1)*

(History Department, Catholic University), keeps remarkably abreast and informed of the latest developments in that frenetic area of Washington, DC located between the White House and the Capitol. Nevertheless, these individuals and our own society need all of our support.

My comments are not intended to be a partisan plea against the political party that has sponsored the Contract with America. Indeed, I fully realize that HSS represents individuals of all political persuasions. However, the problem we face is the same problem that our colleagues in the NEH and NEA face; that is, many of the attacks that have surfaced in public debates have become thinly veiled political "soundbites," capitalizing on the traditional anti-intellectual and anti-elitist attitudes that Americans have historically harbored and often directed against the academic community. The result is that individuals like Lynne Cheney and William Bennett, both former chairs and supporters of the NEH and both products of academia ("elite" institutions), have been used by politicians to ridicule the academic enterprise by depicting it in derisive terms that are so unbelievable to strain the limits

of credulity, but nevertheless represent comments that attract the attention of the media and the public. Other individuals, often with questionable academic qualifications but broad social reputations, like Gertrude Himmelfarb, have similarly politicized the dedicated work of Gary Nash on the National History Standards. While the project may have some liabilities, the public perception that has been spawned by Himmelfarb's attacks, along with the comments of political leaders, has been heavily influenced by these unsubstantiated but damaging statements.

Regardless of one's political allegiance, we should be alarmed. Our colleagues in Washington urge us to encourage our colleagues in the History of Science Society to begin to mobilize. We all need to establish contact with our congressional representatives. Such contacts are especially desirable to counter the hostile testimony that has surfaced on innumerable occasions in the past month. For those of you who live in states or districts represented by congressional leaders with key positions and budgetary responsibility over NEH and NEA, the two most vulnerable institutions in Washington at the present time, your assistance is particularly valuable (please see the list of congressional leaders below). Moreover, I would urge HSS

members who have received NEH or NEA grants to write your congressional representative and to provide him or her with the precise benefits you received as a citizen and scholar from the federal program (be sure to note that you are a voting member of his or her constituency). In particular, it is important to note in your letter the dedicated service we have received from Dan Jones, the NEH grants administrator in charge of programs important to our profession.

On a more positive note, recent testimony before congressional hearing committees has produced some strong support for both NEH and NEA. In perhaps the most eloquent statement directed against the critics of these programs, Senator Patrick Leahy noted that there have been no arguments to eliminate the U.S. Navy to punish it for the Tailhook scandal, a clear rejoinder to those who focus only on one or two problematic grants. Additionally, congressional leaders responded extremely favorably to the recent testimony of both Jane Alexander (NEA) and Sheldon Hackney (NEH).

Nevertheless, we must become more active in the political arena and we must realize that we no longer are shielded by the "ivory walls" of academe. Again, I urge you to write to your congressional representatives (see list attached for the

most important individuals associated with NEH and NEA). When you have written, please send me a copy of the letter so I may collect our efforts for reporting to John Hammer at NHA, who is coordinating the lobbying efforts of academia.

Finally, and in other good news, Ron Overmann has noted that the NSF budget has fared very well, especially in light of the dire financial situation in Washington. The entire NSF budget was increased this year by 6.6%, with the STS directorate receiving an appropriation of \$2,745,000. Again, supporting letters to your congressional leaders on behalf of Ron's efforts and the support of NSF would certainly help our cause in the future. It is important to get involved!

Keith R. Benson

Letters to congressional leaders should be addressed as follows:

The Honorable _____	The Honorable _____
U.S. House of Representatives	U.S. Senate
Washington, DC 20515	Washington, DC 20510

Dear Congressman/woman \_\_\_\_: Dear Senator \_\_\_\_:

Senate Labor and Human Resource Committee (202) 224-5375

Majority Members

Nancy Kassebaum (KS), Chair  
 Jim Jeffords (VT)  
 Dan Coats (IN)  
 Judd Gregg (NH)  
 Bill Frist (TN)\*  
 John Ashcroft (MO)\*  
 Jim DeWine (OH)\*  
 Spencer Abraham (MI)\*  
 Slade Gorton (WA)

Minority Members

Edward Kennedy (MA)  
 Claiborne Pell (RI)  
 Christopher Dodd (CT)  
 Paul Simon (IL)  
 Tom Harkin (IA)  
 Barbara Mikulski (MD)  
 Paul Wellstone (MN)

Senate Appropriations Committee (202) 224-3471

Majority Members

Mark Hatfield (OR), Chair  
 Ted Stevens (AK)  
 Thad Cochran (MS)  
 Arlen Specter (PA)  
 Pete Domenici (NM)  
 Phil Gramm (TX)  
 Christopher Bond (MO)  
 Slade Gorton (WA)  
 Mitch McConnell (KY)  
 Connie Mack (FL)  
 Conrad Burns (MT)  
 Richard Shelby (AL)\*  
 Jim Jeffords (VT)\*  
 Robert Bennett (UT)\*  
 Judd Gregg (NH)\*

Minority Members

Robert Byrd (WV)  
 Daniel Inouye (HI)  
 Ernest F. Hollings (SC)  
 J. Bennet Johnston (LA)  
 Patrick J. Leahy (VT)  
 Dale Bumpers (AR)  
 Frank Lautenberg (NJ)  
 Tom Harkin (IA)  
 Barbara Mikulski (MD)  
 Harry Reid (NV)  
 Bob Kerrey (NE)  
 Herbert H. Kohl (WI)  
 Patty Murray (WA)

House Economic and Educational Opportunities Committee  
 (202) 225-4527

Majority Members

William Goodling (PA-19), Chair  
 Thomas E. Petri (WI-6)  
 Marge Roukema (NJ-5)  
 Steve Gunderson (WI-3)  
 Harris W. Fawell (IL-13)  
 Cass Ballenger (NC-10)  
 Bill Barrett (NE-3)  
 Randy Cunningham (CA-51)  
 Peter Hoekstra (MI-2)  
 Howard McKeon (CA-25)  
 Michael Castle (DE-at large)  
 James Talent (MO-3)\*  
 Lindsey Graham (SC-3)\*  
 Curt Weldon (FL-15)\*  
 David Funderburk (NC-2)\*  
 David McIntosh (IN-2)\*  
 Mark Edward Souder (IN-4)\*  
 Frank Riggs (CA-1)\*  
 Jan Meyers (KS-3)\*  
 Jim Greenwood (PA-8)\*  
 Sam Johnson (TX-3)\*  
 Joseph Knollenberg (MI-11)\*  
 Tim Hutchinson (AR-3)\*  
 Charles Norwood (GA-10)\*

Minority Members

William Clay (MO-1)  
 Dale Kildee (MI-9)  
 George Miller (CA-7)  
 Pat Williams (MT-at large)  
 Matthew G. Martinez (CA-31)  
 Major R. Owens (NY-11)  
 Thomas Sawyer (OH-14)  
 Donald M. Payne (NJ-10)  
 Patsy Mink (HI-2)  
 Robert E. Andrews (NJ-1)  
 Jack Reed (RI-2)  
 Tim J. Roemer (IN-3)  
 Eliot Engel (NY-17)  
 Xavier Becerra (CA-30)  
 Robert C. Scott (VA-3)  
 Gene Greene (TX-29)  
 Lynn Woolsey (CA-6)  
 Carlos Romero Barcelo (PR)  
 Mel Reynolds (IL-2)

House Appropriations Committee (202) 225-2771

Majority Members

Bob Livingston (LA-1), Chair  
 Joseph McDade (PA-10)  
 John T. Meyers (IN-7)  
 C.W. "Bill" Young (FL-10)  
 Ralph Regula (OH-16)  
 Jerry Lewis (CA-40)  
 John Edward Porter (IL-10)  
 Harold Rogers (KY-5)  
 Joe Skeen (NM-2)  
 Frank R. Wolf (VA-10)  
 Tom DeLay (TX-22)  
 Jim Kolbe (AZ-5)  
 Barbara Vucanovich (NV-2)  
 Jim Lightfoot (IA-3)  
 Ron Packard (CA-48)  
 Sonny Callahan (AL-1)  
 James T. Walsh (NY-25)  
 Charles Taylor (NC-11)  
 David Hobson (OH-7)  
 Ernest Jim Istook (OK-5)  
 Henry Bonilla (TX-22)

Minority Members

David Obey (WI-7)  
 Sidney Yates (IL-9)  
 Louis Stokes (OH-11)  
 Tom Bevill (AL-4)  
 John P. Murtha (PA-12)  
 Charles Wilson (TX-6)  
 Norm Dicks (WA-6)  
 Martin Olav Sabo (MN-5)  
 Julian C. Dixon (CA-32)  
 Vic Fazio (CA-3)  
 W.G. "Bill" Hefner (NC-9)  
 Steny Hoyer (MD-5)  
 Richard Durbin (IL-20)  
 Ronald Coleman (TX-16)  
 Alan B. Mollohan (WV-1)  
 Jim Chapman (TX-1)  
 Marcy Kaptur (OH-9)  
 David Skaggs (CO-2)  
 Nancy Pelosi (CA-8)  
 Peter J. Visclosky (IN-1)  
 Thomas Foglietta (PA-1)

Joseph Knollenberg (MI-11)  
 Dan Miller (FL-13)  
 Jay Dickey (AR-4)  
 Frank Riggs CA-1)\*  
 Rodney Frelinghuysen (NJ-11)\*  
 Roger Wicker (MS-1)\*  
 Michael Forbes (NY-1)\*  
 George Nethercutt (WA-5)\*  
 Jim Bunn (OR-5)\*  
 Mark Neumann (WI-1)\*

Esteban Torres (CA-34)  
 Nita Lowey (NY-18)  
 Roay Thorton (AR-2)

Laithwaite, Eric. *An Inventor in the Garden of Eden*. xiv + 289 pp., illus., figs., bibls., index. Cambridge; New York: Cambridge University Press, 1994.

Landau, David; Parshall, Peter W. *The Renaissance Print*. xii + 433 pp., illus., app., bibl., index. New Haven, CT: Yale University Press, 1994. \$65.00

Larson, James L. *Interpreting Nature: The Science of Living Form from Linnaeus to Kant*. xii + 227 pp., frontis., illus., index. Baltimore, MD: Johns Hopkins University Press, 1994. \$40.

Launius, Roger D. (Editor). *History of Rocketry and Astronautics*. (AAS History Series, Vol. 11.) (International Academy of Astronautics History Symposia, Vol. 6.) xii + 224 pp., illus., tables, bibls., indexes. San Diego, CA: American Astronautical Society, 1992. \$60 (cloth); \$40 (paper).

Lawrence, Ghislaine. *Technologies of Modern Medicine*. (Proceedings of a seminar held at the Science Museum, London, March 1993.) 150 pp., illus., figs., tables. London: Science Museum, 1994. L14.95 (paper).

Le Ru, Véronique. *Jean Le Rond d'Alembert philosophe*. With an introduction by Maurice Clavelin. (Dans la meme Collection.) 312 pp., bibl., index. Paris: Librairie Philosophique J. Vrin, 1994. (paper).

Leakey, Richard. *The Origin of Humankind*. (Science Masters Series) xvii + 171 pp., illus., figs., bibls., index. New York: Basic Books, 1994. \$20.

Lettinck, P. *Aristotle's Physics and Its Reception in the Arabic World: With an Edition of the Unpublished Parts of Ibn Bajja's Commentary on the Physics*. (Aristoteles Semitico-Latinus, 7.) xii + 793 pp., figs., tables, bibl., indexes. Leiden/New York: E.J. Brill, 1994. Dfl 300, \$171.50.

Levine, Alan J. *The Missile and Space Race*. viii + 247 pp., bibl., index. Westport, CT/London: Praeger, 1994. \$55.

Lewis, W. David. *Sloss Furnaces and the Rise of The Birmingham District: An Industrial Epic*. (History of American Science and Technology Series.) xxvi + 646 pp., illus., bibl., index. Tuscaloosa: University of Alabama Press, 1994. \$39.95

Lichtenthaeler, Charles. *Neuer Kommentar zu den ersten zwölf Krankengeschichten im III. Epidemienbuch des Hippokrates*. (Hermes-Einzelschrift, Vol. 65.) (Hippokratische Studie, Vol. 15.) 188 pp. Stuttgart: Frans Steiner Verlag, 1994. DM 76, SFr 76, OS 593.

Lloyd, Elisabeth A. *The Structure and Confirmation of Evolutionary Theory*. xiv + 235 pp., bibl., index. 1988. Reprinted, with a new preface. Princeton, N.J.: Princeton University Press, 1994. \$14.95, L11.95 (paper).

Lucas, Eileen. *Naturalists, Conservationists, and Environmentalists*. (American Profiles) x + 150 pp., illus., bibls., index. New York: Facts On File, Inc., 1994. \$16.95, Can \$21.95

MacFarlane, Ellen Burstein. *Legwork: An Inspiring Journey through a Chronic Illness*. With Patricia Burstein. xii + 242 pp., illus., table, index. New York: Charles Scribner's Sons, 1994. \$22.

Mahoney, Michael Sean. *The Mathematical Career of Pierre de Fermat, 1601-1665*. xxii + 432 pp., figs., index. 1973. Second

\*Denotes new committee member

## ISIS BOOKS RECEIVED

### Quarterly Report to 29 November 1994

(continued from January issue)

Kann, Christoph. *Die Eigenschaften der Termini: Eine Untersuchung zur Perutilis logica Alberts von Sachsen*. (Studien und Texte zur Geistesgeschichte des Mittelalters, 37.) 267 pp., app., bibl., index. Cologne: E. J. Brill GmbH Verlagsburo, 1994. Dfl 120, \$68.75

Kaplan, Lawrence J.; Tong, Rosemarie. *Controlling Our Reproductive Destiny: A Technological and Philosophical Perspective*. xiv + 418 pp., illus., figs., index. Cambridge, MA/London: MIT Press, 1994. \$39.95

Kauffman, James Lee. *Selling Outer Space: The Kennedy Administration, the Media, and Congressional Funding for Project Apollo, 1961-1963*. (Studies in Rhetoric and Communication) xii + 193 pp., bibls., index. Tuscaloosa: University of Alabama Press, 1994.

Kelly, Farley (Editor). *On the Edge of Discovery: Australian Women in Science*. xii + 348 pp., illus., index. Melbourne: The Text Publishing Company, 1993. (paper.)

Ketelsen, Christel. *Die Gödelschen Unvollständigkeitssätze: Zur Geschichte ihrer Entstehung und Rezeption*. (Boethius, Vol. 36.) 161 pp., bibl., index. Stuttgart: Franz Steiner Verlag, 1994. DM 66, SFr 66, OS 515 (paper).

Kim, Kyung-Man. *Explaining Scientific Consensus: The Case of Mendelian Genetics*. Foreword by Donald T. Campbell. Commentaries by Robert Olby and Nils Roll-Hansen. (The Conduct of Science Series.) xxiv + 239 pp., figs., tables., bibl., index. New York/London: Guilford Press, 1994. \$37.95

Krupp, Edwin C. *Echoes of the Ancient Skies: The Astronomy of Lost Civilizations*. xxviii + 386 pp., frontis., illus., bibls., index. New York: Oxford University Press, 1993. \$15.95 (paper).

Edition. Princeton, NJ: Princeton University Press, 1994. \$18.95, £16.25 (paper).

Maltzahn, Kraft E. von. *Nature as Landscape: Dwelling and Understanding*. x + 149 pp., illus., index. Montreal/Kingston: McGill-Queen's University Press, 1994. \$34.95

Marganne, Marie-Hélène. *L'ophtalmologie dans l'Égypte gréco-romaine d'après les papyrus littéraires grecs*. (Studies in Ancient Medicine, 8.) xii + 209 pp., figs., bibl., indexes. Leiden/New York: E.J. Brill, 1994. Dfl 140, \$80.

Marks, Lara V. *Model Mothers: Jewish Mothers and Maternity Provision in East London 1870-1939*. (Oxford Historical Monographs.) xxii + 320 pp., illus., tables, bibl., index. Oxford: Clarendon Press, 1994. \$53.

Marx, Otto M.; Moses, Annett (Editors). *Emeriti Remembered: Rückblicke auf die Lehre und Forschung in Heidelberg*. 2 Volumes. 287 + 508 pp., illus., tables, bibls., indexes. Weinheim, Germany/New York: VCH, 1994.

McCrone, John. *The Myth of Irrationality: The Science of the Mind from Plato to Star Trek*. xii + 340 pp., fig., index. New York: Carroll and Graf Publishers, 1994. \$24.

McEnvoy, James. *Robert Grosseteste: Exegete and Philosopher*. (Variorum Collected Studies Series) x + 295 pp., index. Aldershot, England: Variorum, 1994. \$82.50

McGaw, Judith A. (Editor). *Early American Technology: Essays in the History of Making and Doing Things from the Colonial Era to 1850*. xii + 482 pp., illus., tables, app., bibl., index. Published for the Institute of Early American History and Culture, Williamsburg, Virginia. Chapel Hill: University of North Carolina Press, 1994. \$49.95 (cloth); \$19.95 (paper).

Médard, Louis; Tachoire, Henri. *Histoire de la Thermochimie: Prelude a la Thermodynamique Chimique*. 518 pp., illus., tables, index. Provence: University of Provence, 1994. Fr 313.40.

Megill, Allan (Editor). *Rethinking Objectivity*. (Post Contemporary Interventions) x + 342 pp., bibls., index.

Durham, NC/London: Duke University Press, 1994. \$15.95 (paper); \$45.95 (cloth).

Meinel, Christoph; Voswinkel, Peter (Editors.). *Medizin, Naturwissenschaft, Technik und Nationalsozialismus: Kontinuitäten und Diskontinuitäten*. (Based on papers presented at the 1992 annual symposium of the German Society of the History of Medicine, Science and Technology.) 332 pp., illus., tables, index. Stuttgart: GNT Verlag, 1994. DM 55.

Menger, Karl. *Reminiscences of the Vienna Circle and the Mathematical Colloquium*. Edited by Lousie Golland, Brian McGuinness and Abe Sklar. (Vienna Circle Collection, Vol. 20.) xxvi + 242 pp., illus, figs., tables, index. Dordrecht/Boston: Kluwer Academic Publishers, 1994. Dfl 150, \$88.50, L60.

Mercier, Raymond. *An Almanac for Trebizond for the year 1336*. (Corpus des Astronomes Byzantins, Vol. 7.) 226 pp., figs., tables. Louvain, Belgium: Academia, 1994. (paper)

Miles, Wyndham D.; Gould, Robert F. (Editors). *American Chemists and Chemical Engineers*. Volume 2. x + 365 pp., index. Guilford, Connecticut: Gould Books, 1994. \$20.

Miller, David. *Critical Rationalism: A Restatement and Defence*. xiv + 264 pp., bibl., index. Chicago: Open Court, 1994. \$44.95 (cloth); \$19.95 (paper).

Minden, Karen. *Bamboo Stone: The Evolution of a Chinese Medical Elite*. xiv + 201 pp., illus., tables, app., index. Toronto: University of Toronto Press, 1994. \$45

Mirowski, Philip (Editor). *Natural Images in Economic Thought: "Markets Read in Tooth and Claw"*. (Historical Perspectives on Modern Economics) xiv + 618 pp., illus., figs., tables, bibls., index. Cambridge/New York: Cambridge University Press, 1994.

Mitcham, Carl (Editor). *Philosophy of Technology in Spanish Speaking Countries*. (Philosophy and Technology, Vol. 10.) xxxvi + 318 pp., figs., table, bibls., index. Dordrecht/Boston: Kluwer Academic Publishers, 1994.

Mitcham, Carl. *Thinking Through Technology: The Path Between Engineering and Philosophy*. xii + 397 pp., illus., figs., tables, bibl., index. Chicago: University of Chicago Press, 1994. \$47.50 (cloth); \$17.95 (paper).

Monti, Maria Teresa (Editor). *Catalogo del Fondo Haller della Biblioteca Nazionale Braidense di Milano: Incisi, Addenda*. (Filosofia e scienza nel Cinquecento e nel Seicento, Strumenti bibliografica, Vol. 18.) 349 pp., . Milan: Francoangeli, 1994. L 50,000

Moon, Francis C. *Superconducting Levitation: Applications to Bearings and Magnetic Transportation*. With selected sections by Pei-Zen Chang. xvi + 295 pp., illus., figs., tables, bibl., indexes. New York: Wiley, 1994. \$59.95

Morgan, Sally; Morgan, Adrian. *Technology in Action*. (Designs in Science.) 48 pp., illus., figs., index. New York: Facts on File, 1994. \$14.95

Mormino, Gianfranco. *Penetralia Motus: La fondazione relativistica della meccanica in Christiaan Huygens, con l'edizione del Codex Hugeniorum 7A*. (Pubblicazioni della facolta de lettere e filosofia dell'universita de Milano, Vol. 153.) ii + 355 pp., illus., bibl., index. Florence: La Nuova Italia Editrice, 1994. L 52,000 (paper).

Morrison, Philip. *Nothing is too Wonderful to be True*. (Masters of Modern Physics.) xii + 446 pp., illus., figs., table, index. Woodbury, New York: AIP Press, 1994. \$29.95

Mosimann, Martin. *Die "Mainauer Naturlehre" im Kontext der Wissenschaftsgeschichte*. (Basler Studien zur deutschen Sprache und Literatur, Vol. 64.) 418 + 48 pp., bibl. Tubingen: Francke Verlag, 1993. DM 120

Murphy, Timothy F.; Lappe, Marc A. (Editors). *Justice and the Human Genome Project*. xii + 178 pp., tables, index. Berkeley/New York: University of California Press, 1994. \$28.

Mutis, José Celestino. *El Arcano de la Quina*. (Biblioteca de Clásicos de la Medicina Espanola) xxvi + xxvi + 265 pp., fig., table. Reprint of the 1828 Edition.

Monte Carmelo, Spain: Fundacion de Ciencias de la Salud, 1994.

Naunyn, Bernhard. *Memories, Thoughts and Convictions*. Edited and with an Introduction by David L. Cowen. (Resources in Medical History) xvi + 371 pp., frontis., illus., index. Originally published as *Erinnerungen, Gedanken und Meinungen*. Munich, 1925. Canton, MA: Science History Publications, 1994. \$30.

Nerlich, Graham. *What Spacetime Explains: Metaphysical Essays on Space and Time*. xiv + 283 pp., figs., bibl., index. Cambridge/New York: Cambridge University Press, 1994. \$49.95

Neuenschwander, Erwin (Editor). *Wissenschaft, Gesellschaft und politische Macht*. 165 pp., illus., tables, bibls. Basel/Boston: Birkhauser Verlag, 1994. SwFr 68, DM 78, ÖS 608.40.

Noll, Richard. *The Jung Cult: Origins of a Charismatic Movement*. xvi + 387 pp., illus., index. Princeton, NJ: Princeton University Press, 1994. \$24.95, L19.95

O'Dowd, Michael J.; Philipp, Elliot E. *The History of Obstetrics and Gynaecology*. With a foreword by J.J. Sciarra. x + 710 pp., illus., bibls., indexes. Pearl River, New York: Parthenon Publishing, 1994. \$125.

Olby, Robert. *The Path to the Double Helix: The Discovery of DNA*. Foreword by Francis Crick. xxvi + 522 pp., frontis., illus., figs., bibl., index. 1974. Dover Paperback Edition. New York: Dover Publications, 1994. \$13.95 (paper).

Oliver, David. *The Shaggy Steed of Physics: Mathematical Beauty in the Physical World*. xvi + 298 pp., figs., index. New York/Berlin: Springer Verlag, 1994. \$44.50.

Osler, Margaret J. *Divine Will and the Mechanical Philosophy: Gassendi and Descartes on Contingency and Necessity in the Created World*. xii + 284 pp., bibl., index. Cambridge: Cambridge University Press, 1994.

Otis, Laura. *Organic Memory: History and the Body in the Late Nineteenth and Early Twentieth Centuries*. (Texts and Contexts, Vol. 11.) xvi + 297 pp., bibl., index. Lincoln: University of Nebraska Press, 1994. \$37.50

Pearcey, Nancy R.; Thaxton, Charles B. *The Soul of Science: Christian Faith and Natural Philosophy*. (Turning Point Christian Worldview Series) 298 pp., illus., figs., bibl., index. Wheaton, Ill.: Crossway Books, 1994. \$10.99 (paper).

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Plaass, Peter. *Kant's Theory of Natural Sciences*. Translation, Analytic Introduction and Commentary by Alfred E. and Maria G. Miller. With an Introductory Essay by Carl Friedrich von Weizsacker. (BSPS, Vol. 159.) xvi + 367 pp., illus., figs., bibl., index. Dordrecht: Kluwer Academic Publishers, 1994. Dfl 180, \$105.00, £68.50.

Porter, Roy (Editor). *The Biographical Dictionary of Scientists*. lx + 891 pp., figs., apps., index. Second Edition. New York/Oxford: Oxford University Press, 1994.

Portocarrero, Vera (Editor). *Filosofia, História e Sociologia das Ciências: Abordagens Contemporâneas*. 268 pp., bibl., index. Rio de Janeiro: Fiocruz, 1994. (paper).

Price, Michael H. *Mathematics for the Multitude?: A History of the Mathematical Association*. xii + 324 pp., illus., tables, indexes. Leicester, England: Mathematical Association, 1994. £15.

Pulkkinen, Jarmo. *The Threat of Logical Mathematism: A Study on the Critique of Mathematical Logic in Germany at the Turn of the 20th Century*. (Scandinavian University Studies in the Humanities and Social Sciences, Vol. 7.) 187 pp., bibl. Frankfurt am Main: Peter Lang, 1994. DM 59 (paper).

Pursell, Carroll. *White Heat: People and Technology*. 224 pp., illus., index. Berkeley: University of California Press, 1994. \$18 (paper).

Read, Stephen (Editor). *Sophisms in Medieval Logic and Grammar*. (Nijhoff International Philosophy Series, 48.) (Acts of the Ninth European Symposium for Medieval Logic and Semantics, held at St. Andrews, June 1990.) xviii + 421 pp., fig., app., bibl., indexes. Dordrecht/Boston/London: Kluwer Academic Publishers, 1993. Dfl 270, \$157.50, £112.

*Regards sur la Science: Le Journal Scientifique*. (Sciences et Techniques en Perspective, Vol. 28.) 364 pp., figs., tables, bibl. Nantes: Université de Nantes, 1994. (paper)

Reich, Karin. *Die Entwicklung des Tensorkalküls: Vom absoluten Differentialkalkül zur Relativitätstheorie*. (Science Networks - Historical Studies, Vol. 11.) 331 pp., illus., figs., tables, apps., bibl., index. Basel/Boston: Birkhäuser Verlag, 1994. L 65

Richards, Pamela Spence. *Scientific Information in Wartime: The Allied-German Rivalry, 1939-1945*. (Contributions in Military Science, 151.) xii + 177 pp., illus., app., bibl., index. Westport, Conn.: Greenwood Press, 1994. \$49.95

Roberts, Royston M; Roberts, Jeanie. *Lucky Science: Accidental Discoveries from Gravity to Velcro, with Experiments*. x + 110 pp., figs., index. New York: John Wiley & Sons, 1995. \$10.95 (paper).

Ronan, Colin A. *The Shorter Science and Civilisation in China: An abridgement of Joseph Needham's Original Text*. xvi + 334 pp., illus., tables, bibl., index. Cambridge: Cambridge University Press, 1994. \$69.95 (cloth); \$34.95 (paper).

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Rosheim, Mark E. *Robot Evolution: The Development of Anthrobotics*. xviii + 423 pp., illus., figs., bibl., index. New York/Chichester: John Wiley & Sons, 1994. \$39.95

Ross, Dorothy (Editor). *Modernist Impulses in the Human Sciences 1870-1930*. xiv + 379 pp., index. Baltimore/London:

Johns Hopkins University Press, 1994. \$58 (cloth); \$18.95 (paper).

Rozsak, Theodore. *The Cult of Information: A Neo-Luddite Treatise on High Tech, Artificial Intelligence, and the True Art of Thinking*. xlviii + 268 pp., figs., index. 1986. Second edition. Berkeley/Los Angeles: University of California Press, 1994. \$10 (paper).

Ruiz, Hipólito. *Quinología a and Suplemento a la Quinología*. (Biblioteca de Clasicos de la Farmacia Española) xxxii + [xvi] + 108 + [x] + 154 pp., fig., index. Reprint of the 1792 and 1801 Editions. Monte Carmelo, Spain: Fundación de Ciencias de la Salud, 1994.

Rushton, Alan R. *Genetics and Medicine in the United States, 1800-1922*. xiv + 209 pp., tables, bibl., index. Baltimore/London: Johns Hopkins University Press, 1994. \$45.

Rushton, J. Philippe. *Race, Evolution, and Behavior: A Life History Perspective*. xviii + 334 pp., illus., figs., tables, bibl., indexes. New Brunswick, NJ/London: Transaction Publishers, 1995. \$34.95

Russell, G.A. *The 'Arabick' Interest of the Philosophers in Seventeenth-Century England*. (Brill's Studies in Intellectual History, 47.) xii + 320 pp., illus., app., index. Leiden/New York: E.J. Brill, 1994. Dfl 140, \$80.

Russell, Robert L. (Editor). *Reassessing Psychotherapy Research*. xiv + 224 pp., tables, bibl., index. New York/London: Guilford Press, 1994. \$30.

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Schafer, Lothar; Stroker, Elisabeth (Editors). *Naturauffassungen in Philosophie, Wissenschaft, Technik*. Volume 2: Renaissance und frühe Neuzeit. (Handbuch Philosophie) 282 pp., bibl., index. Freiburg/Munich: Verlag Karl Alber, 1994. DM 68, OS 531, SwFr 68.

Schiffer, Michael Brian. *Taking Charge: The Electric Automobile in America*. With Tamara C. Butts and Kimberly K. Grimm. xiv + 225 pp., illus., bibl., index. Washington/London: Smithsonian Institution Press, 1994. \$24.

Schmaus, Warren. *Durkheim's Philosophy of Science and the Sociology of Knowledge*:

*Creating an Intellectual Niche*. (Science and Its Conceptual Foundations) x + 314 pp., bibl., index. Chicago: University of Chicago Press, 1994. \$50 (cloth); \$24.95 (paper).

Schroder, Wilifried; Treder, Hans-Jurgen. *Reflections on Physics and Geophysics*. 194 pp., illus., bibl. Bremen, Germany: International Association of Geomagnetism and Aeronomy, 1994. \$15 (paper).

Schröder, Wilifried; Colacino, Michele (Editors). *Geophysics: Past Achievements and Future Challenges*. (Based on papers presented at the symposia of the interdivisional commission on the history of the IAGA, Buenos Aires, 1993) 194 pp., illus., figs., tables, app., bibl. Bremen, Germany: International Association of Geomagnetism and Aeronomy, 1994. DM 24, \$16 (paper).

*Science as Culture*. Volume 4, 2 Parts. 320 pp., illus., figs., bibl. London: Free Association Books, 1993. £7.50

Seaborg, Glenn Theodore. *The Plutonium Story: The Journals of Professor Glenn T. Seaborg, 1939-1946*. Edited and Annotated by Ronald L. Kathren, Jerry B. Gough, Gary T. Benefiel. x + 920 pp., illus., indexes. Columbus: Battelle Press, 1994. \$49.95

Seitz, Frederick. *On the Frontier: My Life in Science*. xvi + 415 pp., illus., indexes. New York: AIP Press, 1994. \$35.

Sharratt, Michael. *Galileo: Decisive Innovator*. (Blackwell Science Biographies) xiv + 247 pp., frontis., illus., bibl., index. Cambridge, Mass.: Blackwell, 1994. \$29.95

Simonton, Dean Keith. *Greatness: Who Makes History and Why*. x + 502 pp., figs., tables, bibl., index. New York/London: Guilford Press, 1994. \$19.95 (paper).

Slotten, Hugh Richard. *Patronage, Practice, and the Culture of American Science: Alexander Dallas Bache and the U. S. Coast Survey*. xii + 228 pp., illus., index. Cambridge/New York: Cambridge University Press, 1994. \$44.95

Smith, Jonathan. *Fact and Feeling: Baconian Science and the Nineteenth-Century Literary Imagination*. (Science and Literature) x + 269 pp., .

Madison: University of Wisconsin Press, 1994.

Smith, Tim D. *Scaling Fisheries: The Science of Measuring the Effects of Fishing, 1855-1955*. (Cambridge Studies in Applied Ecology and Resource Management) xii + 392 pp., frontis., illus., tables., bibl., indexes. New York/Cambridge: Cambridge University Press, 1994. \$74.95

Smith, Merritt Roe; Marx, Leo (Editors). *Does Technology Drive History? The Dilemma of Technological Determinism*. xviii + 280 pp., illus., bibl., index. Cambridge, Mass.: MIT Press, 1994. \$35 (cloth); \$16.95 (paper).

Smith, Pamela H. *The Business of Alchemy: Science and Culture in the Holy Roman Empire*. xii + 308 pp., illus., bibl., index. Princeton, NJ: Princeton University Press, 1994. \$45, L30.

Smoller, Laura Ackerman. *History, Prophecy, and the Stars: The Christian Astrology of Pierre d'Ailly, 1350-1420*. xii + 233 pp., illus., tables, apps., bibl., index. Princeton, NJ: Princeton University Press, 1994. \$35, L26.50.

Snelders, H.A.M. *Wetenschap en Intuïtie: Het Duitse romantisch-speculatief natuuronderzoek rond 1800*. (Bronnen van de Europese cultur.) 212 pp., illus., index. Baarn: Uitgeverij Ambo bv, 1994. F 59.50.

Solingen, Etel (Editor). *Scientists and the State: Domestic Structures and the International Context*. xii + 259 pp., figs., tables, app., bibl. Ann Arbor: University of Michigan Press, 1994. \$49.50.

Soyfer, Valery N. *Lysenko and the Tragedy of Soviet Science*. Translated by Leo Grulioiw and Rebecca Grulioiw. xxvi + 379 pp., illus., indexes. New Brunswick, NJ: Rutgers University Press, 1994. \$39.95

Spangenburg, Ray; Moser, Diane K. *The History of Science from 1946 to the 1990s*. (On the Shoulders of Giants) xvi + 176 pp., illus., index. New York: Facts on File, Inc., 1994. \$18.95, Can \$23.95

Stalheim, O.H.V. *The Winning of Animal Health: 100 Years of Veterinary Medicine*. xvi + 251 pp., frontis., illus., bibl., indexes. Ames, IA: Iowa State University Press, 1994. \$44.95

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Steele, Ian K. *Warpaths: Invasions of North America*. x + 282 pp., frontis., illus., figs., index. New York/Oxford: Oxford University Press, 1994. \$25.

Stephenson, Bruce. *Kepler's Physical Astronomy*. viii + 217 pp., figs., tables, bibl., index. 1987. Paperback Edition. Princeton, NJ: Princeton University Press, 1994. (paper).

Stephenson, Bruce. *The Music of the Heavens: Kepler's Harmonic Astronomy*. xii + 260 pp., illus., figs., tables., bibl., index. Princeton, NJ: Princeton University Press, 1994. \$39.50, L30.

Stine, Jeffrey K. *Twenty Years of Science in the Public Interest: A History of the Congressional Science and Engineering Fellowship Program*. xiv + 192 pp., apps., index. Washington, DC: American Association for the Advancement of Science, 1994. \$25.95 (paper).

Stokes, Raymond G. *Opting for Oil: The Political Economy of Technological Change in the West German Chemical Industry, 1945-1961*. xii + 259 pp., illus., table, index. New York/Cambridge: Cambridge University Press, 1994. \$49.95

Swetz, Frank J. (Editor). *From Five Fingers to Infinity: A Journey Through the History of Mathematics*. xx + 770 pp., illus., figs., tables, bibl., index. Chicago/La Salle, Ill.: Open Court Publishing Co., 1994. \$64.95 (cloth) \$28.95 (paper)

Talbot, William Henry Fox. *Selected Correspondence of William Henry Fox Talbot, 1823-1874*. Edited by Larry J. Schaaf from a handlist compiled by Christine Heap. 92 pp., illus., index. London: Science Museum and National Museum of Photography, Film & Television, 1994. L12.95 (paper).

Thompson, M. Guy. *The Truth About Freud's Technique: The Encounter with the Real*. With a Preface by Stanley A. Leavy, M.D. (Psychoanalytic Crosscurrents) xxvii + 289 pp., bibl., index. New York: New York University Press, 1994. \$40.

Tihon, Anne. *Études d'Astronomie Byzantine*. (Variorum Collected Studies

Series) x + 324 pp., illus., figs., tables, bibls., indexes. Aldershot; Brookfield, VT: Variorum, 1994. \$95.

Tomes, Nancy. *The Art of Asylum-Keeping: Thomas Story Kirkbride and the Origins of American Psychiatry*. (Studies in Health, Illness, and Caregiving) xxxvi + 387 pp., frontis., illus., tables., apps., bibl., index. Paperback edition with new introduction. Cambridge University Press, 1984. Philadelphia: University of Pennsylvania Press, 1994. \$14.95 (paper).

van Dijk, Drs E. W. (Editor). *I-Psychology*. 60 pp., figs. Utrecht, Holland: , 1993. (paper).

Van Helden, Albert; Hankins, Thomas L. (Editors). *Instruments*. (Osiris, Vol. 9.) ii + 250 pp., illus., bibl., index. Chicago: University of Chicago Press, 1994. \$39.00

Varisco, Daniel Martin. *Medieval Agriculture and Islamic Science: The Almanac of a Yemeni Sultan*. (Publications on the Near East, Vol. 6.) xvi + 349 pp., figs., tables, bibl., indexes. Seattle/London: University of Washington Press, 1994. \$40

Velamazán, Angeles. *La enseñanza de las matemáticas en las academias militares en España en el siglo XIX*. (Cuadernos de Historia de la Ciencia, Vol. 7.) 380 pp., tables, apps., bibl. Zaragoza, Spain: Universidad de Zaragoza, 1994. (paper).

Vidal, Fernando. *Piaget Before Piaget*. xii + 276 pp., frontis., bibl., index. Cambridge, MA: Harvard University Press, 1994. \$49.95

Vizgin, Vladimir P. *Unified Field Theories in the first third of 20th Century*. Translated from the Russian by Julian B. Barbour. (Science Networks -Historical Studies, Vol. 13.) xx + 335 pp., bibl. Basel: Birkhauser, 1994. L 88, DM 228, OS 1,778.40, sFr 198, \$159

Wagner, Donald B. *Iron and Steel in Ancient China*. (Handbuch der Orientalistik/Handbook of Oriental Studies, 4[9].) xvi + 573 pp., illus., figs, tables, app., bibl., index. Leiden/New York: E.J. Brill, 1993. Dfl 270, \$154.50.

Ward, Patricia Spain. *Simon Baruch: Rebel in the Ranks of Medicine, 1840-1921*. (History of American Science and Technology Series) xvi + 400 pp., illus., bibl., index. Tuscaloosa: University of Alabama Press, 1994. \$49.95

Wattenberg, Diedrich. *Wilhelm Olbers: im briefwechsel mit Astronomen seiner Zeit*. (Quellen der Wissenschaftsgeschichte, Vol. 2.) 49 pp., illus., bibl. Stuttgart: GNT Verlag, 1994. DM 18 (paper).

Webb, George E. *The Evolution Controversy in America*. xii + 297 pp., index. Lexington: University Press of Kentucky, 1994. \$34.94

*The Weight Watchers Complete Cookbook and Program Basics*. 424 pp., illus., index. New York: Macmillan, 1994. \$25.

Welch, Walter L.; Burt, Leah Brodbeck Stenzel. *From Tinfol to Stereo: The Acoustic Years of the Recording Industry, 1877-1929*. Foreword by George L. Frow. xii + 213 pp., illus., bibl., index. Gainesville: University Press of Florida, 1994. \$39.95

Welsh, Alexander. *Freud's Wishful Dream Book*. xii + 145 pp., bibl., index. Princeton, NJ: Princeton University Press, 1994. \$19.95, L14.95

White, James J. (Editor). *Catalogue of the Botanical Art Collection at the Hunt Institute*. Part 5. Plant Portraits, Artists P-S. With the assistance of Elizabeth R. Smith. 248 pp., frontis. Pittsburgh, PA: Hunt Institute of Botanical Documentation, Carnegie Melon University, 1994. \$16 (paper).

Williams, Elizabeth A. *The Physical and the Moral: Anthropology, Physiology, and Philosophical Medicine in France, 1750-1850*. (Cambridge History of Medicine) xiv + 281 pp., illus., tables, index. New York/Cambridge: Cambridge University Press, 1994. \$64.95

Wolfschmidt, Gudrun (Editor). *Nicolaus Copernicus: Revolutionar wider Willen*. 350 pp., illus., bibls., index. Stuttgart, Germany: GNT - Verlag, 1994. DM 39.80 (paper).

Woolhouse, R. S. *Descartes, Spinoza, Leibniz: The Concept of Substance in Seventeenth Century Metaphysics*. x + 214 pp., bibs., index. New York: Routledge, 1993. \$49.95, Can \$62.50 (cloth); \$15.95, Can \$19.95.

Woolhouse, Roger. *G. W. Leibniz: Critical Assessments*. (The Routledge Critical Assessments of Leading Philosophers.) 4 Volumes. xxxii + 1727 pp., bibs. New York: Routledge, 1994. \$634.50

Worster, Donald. *Nature's Economy: A History of Ecological Ideas*. (Studies in Environment and History) xvi + 505 pp., bibl., index. 1977, Second Edition. Cambridge/New York: Cambridge University Press, 1994. \$59.95

Wozniak, Robert H. (Editor). *The Roots of Behaviourism*. Robert H. Wozniak (Editor). Theoretical Roots of Early

Behaviourism: Functionalism, the Critique of Introspection, and the Nature and Evolution of Consciousness. liv + 360 pp.; Robert H. Wozniak (Editor). *Experimental & Comparative Roots of Behaviourism: Studies of Animal and Infant Behaviour*. xxviii + 412 pp.; Conwy Lloyd Morgan. *An Introduction to Comparative Psychology*. xiv + 628 pp., figs, index; (to be continued in July 1995 issue)



*Columbia History of Science Group—Historians of science, Keith Benson (in shadow, University of Washington), Mary Terrall (UCLA), Mott Greene (University of Puget Sound), and Barbara Sullivan (Seattle) engage in one of the important activities at their Friday Harbor meeting, oyster gathering. Please see article concerning the 1995 CHSG meeting on page 13.*

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