VISITING HISTORIANS OF SCIENCE PROGRAM

By JOSEPH W. DAUBEN

HOW CAN THE HISTORY OF SCIENCE SOCIETY best promote the future of its most talented younger members? Is it possible to expand career opportunities and secure new or more diverse positions on college campuses and within major universities, while at the same time increasing awareness of the history of science generally beyond its usual academic setting? These questions are among several raised in the context of the Society's ongoing fund-raising campaign. Some preliminary answers have been offered, and some means found to heighten both the visibility and appreciation of the profession.

The History of Science Society is pleased to announce that, beginning in the fall of this year, a new venture will promote these aims: the Visiting Historians of Science Program. The overall goal of the program is to promote the history of science (including technology and medicine), especially at smaller colleges where a historian of science might serve as the focus of core curricula or in bridging the work of a number of departments, and at universities that have growing history of science departments or that are thinking of instituting programs. The plan is for the HSS Lecturers not only to give lectures and seminars, but to talk with department heads and college and university deans and presidents who have questions about the importance and pedagogical usefulness of the history of science. The HSS Lecturers will also represent the profession in visits to industrial and research laboratories, to corporations and businesses, and perhaps to occasional community and public forums, whenever appropriate.

Following each series of lectures, HSS Lecturers will submit a brief report of their visits to indicate what, if any, follow-up might be appropriate on the Society's part.

Other societies have launched similar programs and found them beneficial, continued on page 14
THE 1985 HSS ELECTION
CANDIDATES' BIOGRAPHIES

FOR COUNCIL

Lorraine Daston

Statement: I hope the HSS Council will do more to keep younger scholars in the field, particularly those in specialties whose scholarly importance is not currently reflected by market demand, by encouraging the creation of postdoctoral fellowships and other short-term opportunities.

Clark A. Elliott

Paul Lawrence Farber
William Montgomery

Alex Roland

John W. Servos

Nancy G. Sinisi

Michael M. Sokol

July 1985


Judith R. Goodstein


Robert E. Kohler


Alex Roland


John W. Servos

Assistant Professor, Department of History, Amherst College. Ph.D., Johns Hopkins University, 1979. Specialties: history of science and technology in modern America, history of chemistry. Professional activities: HSS, SHOT, and ACS—chair, commentator at meetings; KCTS-TV, Seattle—consultant; Five-College Faculty Seminar in the History of Science—convener; referee for journals in the field and for National Science Foundation. Selected publications: articles on chemistry, chemical engineering, and geology, on A. A. Noyes, W. D. Bancroft, G. N. Lewis; on MIT, Caltech, and the Carnegie Institution of Washington in Ambix, Isis, Historical Studies in the Physical Sciences, Journal of Chemical Education, and Chemistry in Modern Society; Essays in Honor of Aaron J. Ihde, ed. J. Parascandola and J. Whorton (ACS, 1983), plus "History of Chemistry," Osiris, 1985, 1. Statement: Our society should support young historians of science through modest grants to defray the expenses of traveling to conventions and archives and subsidies for the publication of manuscripts. HSS should sponsor lecture series and develop closer ties with other scholarly associations, especially the AHA, AAAS, and scientific societies.

Nancy G. Sinisi

FOR THE NOMINATING COMMITTEE—FROM COUNCIL

Robert G. Frank, Jr.

John C. Greene

Frederic L. Holmes
Chairman, Section of the History of Medicine, Yale University School of Medicine; Master, Jonathan Edwards College. Ph.D., Harvard University, 1962. Specialties: history of life sciences, fine structure of scientific creativity. Professional activities: HSS—President (1981-1982); American Association for History of Medicine—Council member. Selected publications: Claude Bernard and Animal Chemistry (Harvard Univ. Press, 1974); Lavoisier and the Chemistry of Life (Univ. Wisconsin Press, 1985); "Hans Krebs and the Discovery of the Ornithine Cycle," Federaion Proceedings, 1980, 39:216-225. Statement: The Society's recent growth in complexity makes the choice of its officers more important than ever. HSS's future is most crucially determined by the wisdom and energy of its Nominating Committee in proposing persons to whom the membership may trust its hopes for the Society's ongoing vitality.

Karl Hufbauer

Michael M. Sokal
Rachel Laudan


Margaret W. Rossiter


FOR THE NOMINATING COMMITTEE—AT LARGE

Frederick Gregory


David Lindberg


Albert E. Moyer


Phillip R. Sloan

FELLOWSHIPS & GRANTS

The American College of Obstetricians and Gynecologists (ACOG) and the Ortho Pharmaceutical Corporation announce the establishment of the ACOG-Ortho Fellowship in the History of American Obstetrics and Gynecology, which will allow a Fellow of the College or other qualified individual to complete a research project in the history of American obstetrics and gynecology beginning in the fall of 1985. Although the fellowship will be based in the ACOG historical collection, work in other national, historical, and medical collections in the Washington, D.C., area will be accommodated. Fellows will receive $5,000 to defray expenses for housing, transportation, and food and will be expected to devote at least one month to full-time research, the results of which will be disseminated through either publication or professional presentation. Applications and further information can be obtained from Gay Takakoshi, ACOG, 600 Maryland Avenue, S.W., Suite 300 East, Washington, DC 20024; telephone (202) 638-5577. The application deadline is 1 September 1985.

The American Council of Learned Societies (ACLS) announces its general programs of postdoctoral fellowships and grants for 1985–1986 in the following categories: ACLS fellowships, ACLS/Ford fellowships, research fellowships for recent recipients of the Ph.D., grants-in-aid, and travel grants for humanists to international meetings abroad. Requests for application forms for these fellowship programs must be received by ACLS no later than 24 September 1985. Other area programs sponsored jointly by the ACLS and the Social Science Research Council (SSRC) include grants for China and East European studies and programs administered by the SSRC and the International Research and Exchanges Board. Applicants to the programs administered by the ACLS (except for China studies) must be citizens or permanent residents of the United States. Support is offered for postdoctoral humanistic research, participation in conferences abroad, and research, training, and language study on both postdoctoral and graduate levels in Chinese and East European studies. The equivalent of the doctorate is acceptable in lieu of the Ph.D. For further information, write to ACLS, 228 East 45th Street, New York, NY 10017.

Please note the following correction of one of the deadlines for applications for American Philosophical Society (APS) grants, which were announced in the April 1985 Newsletter (page 8): applications for written decision by 31 October should be received by the APS by 1 August.

POSITIONS

Cornell University invites applicants for the position of Assistant Professor, Historian of Science, specializing in the Scientific Revolution and the Enlightenment. Candidates must be competent in the physics and the philosophies of the period and also be sensitive to the non-scientific aspects of the Scientific Revolution. Excellence in teaching, as well as evidence of scholarly eminence, will be requirements for achievement of tenure. The position will be filled either in 1986 or 1987, depending upon the caliber of the candidates.

Cornell also seeks to fill another tenure-track position at the rank of assistant professor, but exceptional circumstances may permit an appointment at a more senior level. Candidates' research should focus on the evolution or the foundations of experimental and theoretical physics introduced in the twentieth century and on fundamental changes in our world picture. Applicants must possess a Ph.D. in a relevant discipline. Appointments will be jointly held in the Program for the History and Philosophy of Science and Technology and an appropriate academic department. Applicants should write to Shirley Rice, Secretary of the Search Committee, McGraw Hall, Cornell University, Ithaca, NY 14853; telephone (607) 256-3639. No deadline has been fixed yet for receipt of applications. AA/EOE.

The Los Alamos National Laboratory (LANL) is seeking a director for its science museum. This museum, with a staff of ten, is a repository for historically interesting scientific and technical apparatus from the site, which are used to interpret the work of the laboratory for a variety of audiences. There are opportunities for research and publication. Candidates should have a degree in the physical sciences and should be prepared to demonstrate administrative ability and a sensitivity to the opportunities presented. The salary will be commensurate with qualifications, but is expected to be in the $40,000 range. Inquiries should be addressed promptly to Judith M. Liersch, LANL, Los Alamos, NM 87545; telephone (505) 667-4355. AA/EOE.

Ohio State University has an opening at the rank of full or associate professor beginning in September 1986. Historians of science with training in modern European social history (including Britain) from the mid-eighteenth century to the present will be considered. An interest in cross-cultural or comparative history is desirable, and recognized scholarly accomplishment and demonstrated capacity to teach graduate and undergraduate students are essential. The salary is negotiable. Send nominations or expressions of interest and credentials by 25 October 1985 to M. Les Benedict, Chair, Search Committee, Department of History, Ohio State University, 230 West 17th Avenue, Columbus, OH 43221. AA/EOE.

The Department of the History of Science at the University of Oklahoma invites applicants for a one-year appointment as Visiting Assistant Professor for the aca-

The abbreviation "AA/EOE" has been used when the hiring or granting institution has indicated that it is an Affirmative Action/Equal Opportunity Employer.
The Columbia Society of Fellows in the Humanities, with grants from the Andrew W. Mellon Foundation and the William R. Kenan Trust, will appoint a number of postdoctoral fellows in the humanities for the academic year 1985–1987. Fellows newly appointed must have received the Ph.D. between 1 January 1984 and 1 July 1986. Stipends are $24,500, one half for independent research and one half for teaching in the undergraduate program in general education, with additional funds available for research materials and typing.

The Society of Fellows, with a grant from the Andrew W. Mellon Foundation, will also appoint two Senior Fellows in the Humanities for the academic year 1986–1987. Awards will be made to scholars of particular accomplishment and promise who have held the doctorate and have been teaching as full-time faculty for at least five years but have not yet received tenure and who have at least one significant publication to their credit. Preference will be given to candidates qualified for promotion to tenure but for whom a tenured position does not currently exist. Stipends are $28,000 plus regular faculty benefits; additional funds for research materials and typing are available. Appointments will normally be renewed for a second year. Senior Fellows will teach half-time in courses determined in consultation with the appropriate departments at Columbia. Candidates must be nominated by the chair of their department or of an appropriate interdepartmental committee, either at Columbia or at their present institution. Applications from individuals will not be considered.

For application forms or nomination requirements, write to Director, Society of Fellows in the Humanities, Heyman Center for the Humanities, Box 100 Central Mail Room, Columbia University, New York, NY 10027. The deadline for receipt of completed applications or nominations is 15 October 1985. AA/EOE.

The Sidney M. Edelstein Center for the History and Philosophy of Science, Technology and Medicine of the Hebrew University of Jerusalem announces two postdoctoral fellowships for the academic year 1985–1986. Candidates who can make use of any of the following collections are especially encouraged to apply: Edelstein Collection [chemistry, alchemy, and dyeing], Friedenwald Collection [history of medicine], Laor Collection [maps of the Holy Land], and Einstein Archives. Applicants should have a Ph.D. or its equivalent in the history, philosophy, or sociology of science, or in the physical and life sciences. Applications should include curriculum vitae, list of publications, letters of recommendation, an

HSS Job Survey

The HSS employment survey, 1983–1984, scheduled for this issue of the Newsletter, is being held over so that the Newsletter, ballot, and envelope, now going first class, will weigh less than two ounces.

The Rockefeller Archive Center, Rockefeller University, is seeking a director. The new director's qualifications should include outstanding intellectual and personal qualities, demonstrated research achievements, and the ability to interact with sponsors, intellectual constituencies, and relevant private and public bodies. Compensation and conditions of appointment are negotiable. Suggestions of possible candidates and applications from interested individuals should be sent to the Office of the President, Rockefeller University, 1230 York Avenue, New York, NY 10021, by 15 July 1985. For further information, contact the Director, Nathan Reingold, Smithsonian Institution, Washington, DC 20560. The Center, located in North Tarrytown, New York, contains the archives of the Rockefeller Foundation, papers of Rockefeller family members, and Rockefeller University records. AA/EOE.

Sarah Lawrence College has extended the deadline for applications for the position teaching science and society or the history of science that was announced in the April 1985 Newsletter on page 7. Send curriculum vitae, references, outlines of two proposed courses with reading lists, and a description of research interests to Science and Society Search Committee, c/o Janet Held, Faculty Secretary, Sarah Lawrence College, Bronxville, NY 10708 by 1 October 1985; earlier response is welcomed. AA/EOE.

The Section of History of Medicine, School of Medicine, at Yale University invites applications for a three-year term appointment as Assistant Professor to begin 1 July 1986 or sooner. A Ph.D. in history of medicine or in history of science with experience in history of life sciences relevant to medicine is expected. Within these areas, preference may be given to candidates whose areas of interest complement those of the present faculty. The appointee will participate in the development of a Ph.D. program in history of medicine and the life sciences and may do additional teaching within the Medical School or in Yale College. Applications and other inquiries should be addressed to Frederic L. Holmes, Yale University, History of Medicine, P.O. Box 3333 Yale Station, New Haven, CT 06510, by 15 October 1985. AA/EOE.

JULY DEADLINE

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The Rockefeller Archive Center, Rockefeller University, is seeking a director. The new director's qualifications should include outstanding intellectual and personal qualities, demonstrated research achievements, and the ability to interact with sponsors, intellectual constituencies, and relevant private and public bodies. Compensation and conditions of appointment are negotiable. Suggestions of possible candidates and applications from interested individuals should be sent to the Office of the President, Rockefeller University, 1230 York Avenue, New York, NY 10021, by 15 July 1985. For further information, contact the Director, Nathan Reingold, Smithsonian Institution, Washington, DC 20560. The Center, located in North Tarrytown, New York, contains the archives of the Rockefeller Foundation, papers of Rockefeller family members, and Rockefeller University records. AA/EOE.
abstract, a sample chapter from the doctoral dissertation, and an outline of a planned project and must be received by 15 September 1985 at the Sidney M. Edelstein Center for the History and Philosophy of Science, Technology and Medicine, Hebrew University, Levy Building, Room 202, Givat Ram, 91010 Jerusalem, Israel.

The Council for the International Exchange of Scholars [CIES] has opened the 1986-1987 Fulbright Scholar Awards for research and university lecturing abroad. Scholars of any rank and most disciplines are eligible. Requirements include United States citizenship, a Ph.D. or comparable professional qualifications, university or college teaching experience, and, possibly, proficiency in a foreign language. Application deadlines are 15 September 1985 for Africa, Asia, Europe, and the Middle East; 1 November 1985 for Junior Lecturerships to France, Germany, Italy, and Spain; 31 December 1985 for NATO Resident Fellowships; and 1 February 1986 for Seminars in German Civilization Awards, Spain Resident Fellowships, and France and Germany Travel-Only Awards. Contact CIES, 11 Dupont Circle, N.W., Washington, DC 20036-1257; telephone (202) 939-5401.

The United States Information Agency (USIA) announces the 1986-1987 Fulbright Teacher Exchange Program, which involves one-on-one exchange for teachers at all levels with suitable teachers overseas. The 1986-1987 program will include Canada, the United Kingdom, France, the Federal Republic of Germany, Denmark, Switzerland, and possibly Italy. The number of exchanges available and the eligibility requirements vary by country. The program also provides opportunities for teachers to participate in summer seminars, which will be held in Italy and the Netherlands in 1986. The deadline for receipt of completed applications is 15 October 1985. Contact the Fulbright Teacher Exchange Program, E/ASX, USIA, 301 4th Street, S.W., Washington, DC 20547; telephone (202) 485-2555.

Harvard University offers Andrew W. Mellon Faculty Fellowships in the Humanities for nontenured, experienced junior scholars who have completed, at the time of appointment, at least two years' postdoctoral teaching as college or university faculty in the humanities. Special consideration will be given to candidates who have not recently had access to the resources of a major research university. Candidates must have received a Ph.D. prior to 30 June 1984. Appointment is for one year (July 1986-June 1987), with an annual salary of $22,000, limited teaching duties, departmental affiliation, and the opportunity to develop scholarly research. Applications are due 1 November 1985; awards will be announced 1 February 1986. For information and application procedures, write to Richard M. Hunt, Program Director, Harvard University Mellon Faculty Fellowships, Lamont Library 202, Cambridge, MA 02138.

The National Endowment for the Humanities (NEH) draws the attention of scholars and professional staffs to the Columbian Quincentenary and invites proposals for the dissemination of scholarship on related topics through conferences, public lectures, exhibitions, media productions, and educational programs. Applications will be considered in the following NEH divisions: Education Programs, Fellowships and Seminars, General Programs, Research Programs, State Programs, and Office of Challenge Grants. For further information and application guidelines, contact Public Affairs Office, NEH, Old Post Office, Room 409, 1100 Pennsylvania Avenue, N.W., Washington, DC 20506; telephone (202) 786-0438.

National Humanities Center Fellowships for 1986-1987 are available to scholars several years beyond the doctorate from any nation to pursue research and writing in residence at the Center, located in Research Triangle Park, North Carolina. Thirty-five to forty fellowships, mostly for the academic year (September through May), are available annually. Stipends are based on scholars' usual academic salaries. All fellows are given travel expenses to and from the Center for themselves and their families. Applications, consisting of a form available from the Center, a curriculum vitae, a 1,000-word project proposal, and three letters of recommendation, must be postmarked by 15 October 1985. For application materials, write to Kent Mullikin, Assistant Director, National Humanities Center, 7 Alexander Drive, Research Triangle Park, NC 27709; telephone (919) 549-0661. AA/EOE.

Henry Guerlac, 1910-1985

The History of Science Society has learned with regret of the death of Henry Guerlac, Goldwin Smith Professor of History of Science, Emeritus, at Cornell University. Professor Guerlac was a former president of HSS (1957-1960). He won the Pfizer Award in 1962 for his book *Lavoisier—The Crucial Year: The Background and Origin of His First Experiments on Combustion in 1772* (Ithaca, N.Y.: Cornell University Press, 1961). In 1973 he was awarded the Sarton Medal, and in 1982 he delivered the George Sarton Memorial Lecture before the Annual Meeting of the American Association for Advancement of Science.

C. Doris Hellman

C. Doris Hellman Memorial Fund

The HSS Committee on Research and the Profession seeks ideas from members concerning the wise use of the C. Doris Hellman Memorial Fund, which was announced in the April issue of the Newsletter (pp. 17-18). The purpose of the fund is to provide modest revolving loans and small grants to support first publications, to send unaffiliated members to job interviews, and to help younger scholars in other ways. Suggestions on how to distribute such aid, especially from those who can provide appropriate personal career experiences to illustrate their advice, are welcome. Send responses to P. Thomas Carroll, Department of Science and Technology Studies, Rensselaer Polytechnic Institute, Troy, NY 12180-3590.

See the information on Resources for Independent Scholars in the April 1985 Newsletter, page 6.
History of Science Society Annual Meeting

Indiana University
Bloomington, Indiana
31 October–3 November 1985

Thursday, 31 October

HSS Council Meeting
2:00 p.m.–9:00 p.m.
Cash Bar
7:00 p.m.–9:00 p.m.

Friday, 1 November

1. Ancient Science: The Difference the Texts Make
9:00 a.m.–12:00 noon
Chair: W. R. Knorr* (Stanford University)
J. L. Berggren (Simon Fraser University): Flattening the Globe: Ptolemy's Geography
C. Anagnostakis (Albertus Magnus College): Flattening the Heavens: Ptolemy's Planisphere
J. M. Riddle (North Carolina State University): Dioscorides' Materia Medica: What the Scholiasts Knew
A. Jones (Dumbarton Oaks): Making Sense of Pappus' Collections: The Sources of Ancient Geometry
W. R. Knorr (Stanford University): Pandora's Box: The Awful Truth about Ancient Mathematical Texts

2. The History of Method and the Method of History: A Memorial to Alberto Coffa
9:00–11:30 a.m.
Chair: Wesley Salmon (University of Pittsburgh)
Richard Creath* (Arizona State University): Carnap and Intuition
Larry Laudan (Virginia Polytechnic Institute and State University): The Mutual Relevance of History and the Philosophy of Science
Clark Glymour (University of Pittsburgh and Carnegie Mellon University): Remarks on Alberto Coffa

3. Ideas of Extraterrestrial Life
9:00 a.m.–12:00 noon
Chair: Michael J. Crowe* (University of Notre Dame)
Steven J. Dick (U.S. Naval Observatory): The Extraterrestrial Life Debate and the Limits of Science
E. Robert Paul (Dickinson College): Planity of Worlds on the American Frontier: A Use of Science in Religious Theology, 1820–1900
James J. Kevin, Jr. (University of Notre Dame): A. R. Wallace, Teleological Evolution, and the Question of Extraterrestrial Life
Stanley L. Jaki (Seton Hall University): ETI and Scientific Progress

4. Victorian World Views
9:00–12:00 noon
Chair: Paul Theerman* (Joseph Henry Papers, Smithsonian Institution)
Bruce Hunt (University of Texas at Austin): Heaviside the Telegrapher: Submarine Cables and Field Theory in Victorian Britain
Joe Burchfield (Northern Illinois University): Tyndall’s Materialism!
James Paradis (Massachusetts Institute of Technology): Art, Artifice, and the Artificial World in T. H. Huxley's Evolution and Ethics
Comment: David Roos (South Bend, Indiana)
Robert J. Richards (University of Chicago)

9:00–11:00 a.m.
Chair: Richard S. Westfall (Indiana University)
Andrew Fix (Lafayette College): The Intellectual Consequences of the Sixteenth-Century Religious Upheaval and the Coming of a Rational/Secular World View

Participants who will need slide projectors or special arrangements for their papers should contact Professor Victor E. Thoren, Local Arrangements Chair, Department of History and Philosophy of Science, Indiana University, Bloomington, IN 47401, before 15 September.

Please report errors and changes to Albert Van Helden, Program Chair, Department of History, Rice University, P.O. Box 1892, Houston, TX 77252, before 15 September.
Edward B. Davis* (Messiah College): *The Role of Divine Freedom in Seventeenth-Century Natural Philosophy*

Comment: Margaret J. Osler [University of Calgary]

6. Science and Philosophy, 1770–1820 (Works in Progress)
10:00–11:00 a.m.

Chair: To be announced

LeeAnn Hansen Le Roy [University of California at Los Angeles]: *Johann Christian Reil and the Rationale for Naturphilosophie*

Carleton E. Perrin [York University]: *Of Overworked Veins and Undetected Bonanzas: A Prospector's Report from the Lavoisian Digs*

Naum Kipnis [Bakken Library of Electricity in Life]: *Thomas Young and the Discovery of the Principle of Interference of Light*

7. Biology, 1870–1910 (Works in Progress)
11:00 a.m.–12:00 noon

Chair: To be announced

Marc Swetlitz [University of Chicago]: *Charles Darwin and Nineteenth-Century American Reform Judaism, 1870–1890*

Ralph W. Dexter (Kent State University): *The Role of E. S. Morse in Bringing Zoology to Japan (1877–1883)*

Marsha Richmond [Indiana University]: *Richard Goldschmidt and the Chromidial Hypothesis: A Cytological Theory of Heredity and Development circa 1905*

HSS Business Meeting
1:30–2:30 p.m.

8. New Perspectives on the Chemical Revolution
2:30–5:30 p.m.

Chair and Comment: Arthur Donovan* [Virginia Polytechnic Institute and State University]

Robert Siegfried [University of Wisconsin]: *What is the Chemical Revolution?*

Frederic L. Holmes [Yale University]: *At the Core of the Chemical Revolution—Lavoisier's Conceptual Passage*

Karl Hufbauer [University of California at Irvine]: *German Chemists and Lavoisier's System—A National Disciplinary Community in Chemistry's First Theoretical Revolution*

2:30–5:30 p.m.

Chair: Shirley Roe [Harvard University]

Thomas Hankins [University of Washington]: *Mathematicians and their History*

Pristley’s pneumatic trough and other chemical apparatus in Experiments and Observations on Different Kinds of Air (1774). Courtesy of the Center for History of Chemistry, Philadelphia.

Alan Rocke [Case Western Reserve University]: *Aufklärer as Historians of Chemistry*

Rachel Laudan* [Virginia Polytechnic Institute and State University]: *The Uses of History of Science 1800–1840*

Comment: Timothy Lenoir [Hebrew University and University of Pennsylvania]

10. H. J. Muller: Geneticist, Evolutionist, and Eugenicist
2:30–5:30 p.m.

Chair: Elof Carlson [State University of New York at Stony Brook]

Elof Carlson [State University of New York at Stony Brook]: *Muller as a Geneticist: Lasting and Changing Views on Mutation and Gene Theory*

James Crow [University of Wisconsin]: *Genetical Considerations Underlying Muller's Evolutionary Views. I*

John Beatty* [University of Minnesota]: *Genetical Considerations Underlying Muller's Evolutionary Views. II*

Diane Paul [University of Massachusetts at Boston]: *Muller's Eugenics*

11. Channel Crossing: French Science and English Medicine in the Nineteenth Century
2:30–5:30 p.m.

Chair: M. Jeanne Peterson [Indiana University]

John Harley Warner [Wellcome Institute for the History of Medicine]: *The Decline of Science” Argument and English Medical Reformers*
Russell C. Maulitz (University of Pennsylvania): *Pathological Anatomy and the Declinist Controversy*

Ann F. La Berge (Virginia Polytechnic Institute and State University): *Edwin Chadwick and the French Connection*

Comment: William Coleman (University of Wisconsin, Madison)

Othmar Keel (Université de Montréal).

Organizer: Ronald L. Numbers (University of Wisconsin)

12. Science in Sixteenth-Century Italy
3:00–5:30 p.m.

Chair: Paolo Galluzzi (Istituto e Museo di Storia della Scienza, Florence, and University of Siena)

Thomas B. Settle (Polytechnic Institute of New York): *Egnatio Danti and the Tuscan Transition*

W. R. Laird* (Rice University): *Giuseppe Moletti and Renaissance Mechanics*

Frederick Purnell, Jr. (Queen’s College, New York): *Jacopo Mazzoni’s Treatise on Cornets*

Comment: Winifred L. Wisan (Oneonta, New York)

3:00–5:30 p.m.

Chair: Michael J. Crowe (Notre Dame University)

James G. Buickerood (Rutgers University): *The Natural History of the Understanding: Locke and the Rise of Facultative Logic in the Eighteenth Century*

Helena M. Pycior (University of Wisconsin at Milwaukee): *Something out of Nothing: Eighteenth-Century British Mathematics*

Ann Hibner Kobitz (Seattle, Washington): *The Mythification of Sofia Kovalevskaya*

Comment: Thomas L. Drucker* (University of Wisconsin)

2:30–3:30 p.m.

Chair: To be announced

Richard A. Jarrell (York University): "Special Recommendations for Ireland": English and Irish Perceptions of the Need for Technical and Scientific Education for Ireland, 1845–1899

Larry Owens (University of Massachusetts at Amherst): *Vannevar Bush and the Frontiers of Invention: Patents and Political Economy in the 1930s*

Sheila Faith Weiss (Clarkson University): *German Race Hygiene at the Crossroads: The Case of the Kaiser Wilhelm Institute for Anthropology, Human Heredity, and Eugenics, 1927–1945*

Regis Cabral (University of Chicago): *The Brazilian Reaction to the First Use of Atomic Energy*

15. The Scientific Community, 1900–Present (Works in Progress)
3:30–4:30 p.m.

Chair: To be announced

George E. Webb (Tennessee Technological University): *American Scientists, 1906–1933: A Preliminary Demographic Report*

Eric L. Mills (Dalhousie University): *Patterns of Progress in Early Biological Oceanography: The Rise and Decline of Two Research Groups*

Eugene Garfield and Henry Small (Institute for Scientific Information): *The Geography of Science: Disciplinary and National Mapping*

Arthur M. Diamond, Jr. (Ohio State University): *The Career Consequences for a Scientist of a Mistaken Research Project*

Meeting of the HSS Women’s Committee
5:30–6:30 p.m.

Dinner for the Isis Editorial Board
7:30–9:30 p.m.

The Real Stuff: Artifacts as Argument in the History of Science
Sponsored by the HSS Committee on Education
8:30–10:30 p.m.

Chair: Stanley Goldberg* (Smithsonian Institution)

Ramunas A. Kondratas (Smithsonian Institution): *Artifacts and the History of Science Exhibit: The Case of the Medical Sciences*

Gregory A. Good (West Virginia University): *Artifacts and Instruments in the History of Science Classroom*

Comment: A. Michael McMahon (NASA and University of Pennsylvania)

Saturday, 2 November

16. Western European Medieval Medicine in its Social Context
9:00 a.m.–12:00 noon

Chair and Comment: Nancy Siraisi* (Hunter College)

Monica Green (Princeton University): *Monastic Values and Gynecological Literature in the Early Middle Ages*

Michael R. McVaugh (University of North Carolina): *Royal Patronage of Medicine: The Kingdom of Aragon in the Early Fourteenth Century*

Darrel W. Amundsen (Western Washington University): *The Tension between Secular Medicine and Faith in Late Medieval Catholicism*

Katherine Park (Wellesley College): *Hospitals and Medical Care of the Poor in Italy, 1250–1550*

17. The Emergence of Science as Research, 1730-1880
9:00 a.m.-12:00 noon
Chair: Robert S. Westman* (University of California at Los Angeles)
William Clark (University of California at Los Angeles): The Doctor of Philosophy and the Advent of the Research Seminar: An Archeology of the German Academic, 1738-1838
James McClellan III (Stevens Institute of Technology): Scientific Societies and the Scientist of the Ancien Regime, 1750-1789
Barbara J. Reeves (Ohio State University): Inventing the Italian Research University: Institutional Strategies and Political Compromises after Italian Unification
Elizabeth Knoll (University of Chicago): Natural or Historical Science?: The Place of Philology in Nineteenth Century England
Comment: Joseph Ben-David (Hebrew University of Jerusalem)

18. The Science-Technology Continuum: New Concepts
9:00 a.m.-12:00 noon
Chair and Comment: Everett Mendelsohn (Harvard University)
Thomas Hughes* (University of Pennsylvania): The Seamless Web: Technology, Science, Etcetera, Etcetera
Timothy Lenoir (Hebrew University and University of Pennsylvania): Reverse Salients and Magic Bullets: Science-Based Medicine and the Industrial System in the Kaiserreich
Comment: Edwin Layton (University of Minnesota)

19. Interacting Traditions in Twentieth-Century Genetics
9:00-11:30 a.m.
Chair: Richard Burian* (Virginia Polytechnic Institute and State University)
Margaret Saha (University of Virginia): Side Chains, Episomes, and Genomes: Quantitative Theories of Inheritance in the 1920s and 1930s
Will Provine (Cornell University): Mathematical Populations Genetics and the Interactive Genome
Richard M. Burian, Doris Zallen (Virginia Polytechnic Institute and State University), and Jean Gayon (University of Dijon): The Physiological Tradition and the Sudden Flourishing of French Genetics after World War II
Comment: Garland Allen (Washington University)

20. Pierre Duhem: Physicist, Philosopher, Historian
9:00-12:00 noon
Chair: Roger Ariew* (Virginia Polytechnic Institute and State University)
Stanley L. Jaki (Seton Hall University): Hélène Duhem and the Publication of the Système du monde
Donald G. Miller (Lawrence Livermore National Laboratory): Some of Duhem’s Contributions to Thermodynamics
Niall Martin (London School of Economics): Saving Duhem and Galileo
Roger Ariew and Peter Barker (Virginia Polytechnic Institute and State University): Duhem on Maxwell
Comment: William A. Wallace (Catholic University of America)

21. Modes of “Scientific” Activity Characteristic of the Post-World War II United States
9:00 a.m.-12:00 noon
Chair: Silvan S. Schweber (Brandeis University)
David G. Satin (Lindemann Center): From Individual Psychology to Social Reform: The Beginnings of the Community Mental Health Movement in the 1940s and 1950s
Evelyn Fox Keller (Northeastern University and Massachusetts Institute of Technology): Next Stop: The Secret of Life
Andrew Pickering (Massachusetts Institute of Technology): Pragmatism in Particle Physics

22. Modern Medicine and Psychology I (Works in Progress)
9:00-10:00 a.m.
Chair: To be announced
Martha L. Hildreth (University of Nevada at Reno): The Image of the Good Old Days: Conflicting Ideologies of the Role of French Physicians in the Age of the Bacteriological Revolution
Alesia Maltz [University of Illinois]: *The Priority Dispute that Wasn't: Frederick Gowland Hopkins and the Discovery of Vitamins*

Ben Rogers [Wichita State University]: *Psychology and the Maturing of Statistical Practice, 1869–1940*

23. Modern Medicine and Psychology II [Works in Progress]
10:00–11:00 a.m.

Chair: To be announced

Sara Waitsil Tucker [Washburn University of Topeka]: *Go East Young Woman: American Women Scientists and the Presbyterian Mission to Canton, China, 1882–1937*

Naomi Rogers [University of Pennsylvania]: *The Public Role of Science: The Case of the 1916 Polio Epidemic in New York City*

James H. Capshew [University of Pennsylvania]: *Psychology for the Fighting Man and World War II: Text and Context*

Luncheon for *Osiris* Editorial Board
12:00 noon–2:00 p.m.

Forum for the History of Science in America
1:30–2:30 p.m.

24. The Philosophy and Methodology of “Knowing”: Feminist Historical Perspectives on the Social Sciences
2:30–5:30 p.m.

Chair: Elizabeth Fee [Johns Hopkins University]

Shulamit Reinharz [Brandeis University]: *Images of Women in Sociology: An Historical Overview*

Marcia Weskott [University of Colorado]: *Psychoanalysis in History: Freud's Seduction Theory in Context*

Shere Hite* [The Hite Report]: *The Ideological Legacy of the Natural Sciences to the Social Sciences*

Comment: Evelyn Fox Keller [Northeastern University and Massachusetts Institute of Technology]

25. Fabrication, Censorship, and Construction of History of Science
2:30–5:30 p.m.

Chair: Arthur I. Miller* [University of Lowell and Harvard University]

Gerald Holton [Harvard University]: *Introductory Remarks*

Arthur I. Miller [University of Lowell and Harvard University]: *The Fabrication of “How I Created the Theory of Relativity”*

Frank J. Sulloway [Harvard University]: *Freud and Psychoanalysis: Analysts of Censorship as Censors*

Howard E. Gruber [University of Geneva and Rutgers University, Newark]: *Differential Uptake in the History of Ideas*

2:30–5:00 p.m.

Chair and Comment: Norman Dain [Leonia, New Jersey]

Ellen Dwyer [Indiana University]: *Healthy Bodies and Mad Minds: Caring for the Physical Ills of Nineteenth-Century Lunatics*

Frank R. Lewstik [Kentucky Department for Libraries and Archives]: *Medical Education and the Treatment of Mental Illness in the West, 1817–1838*

Ronald F. White* [Kentucky Department of Libraries and Archives]: *Local Circumstance and the History of Eastern State Lunatic Asylum, 1824–1856*

27. Nursing and Science in America, 1875–1985
2:30–5:00 p.m.

Chair: Audrey B. Davis* [Smithsonian Institution]

Janet James [Boston College]: *Lavinia Dock, Visiting Nurse and Social Reformer*

Karen Buhler-Willkerson [University of Pennsylvania]: *Nurses Still Make Housecalls: One Hundred Years of Visiting Nurses in America*

Barbara Bates, M.D. [University of Pennsylvania]: *Science, Reform and Control: The Case of Tuberculosis Nursing, 1903–1917*

28. Theory and Observation in Kepler's Natural Philosophy
2:30–5:00 p.m.

Chair: Curtis A. Wilson [St. John's College, Annapolis]

Stephen Straker [University of British Columbia]: *Kepler and his Critics on the Nature of Light and Colors*

Peter Machamer [University of Pittsburgh]: *Kepler and the Forces*

William H. Donahue* [Santa Fe, New Mexico]: *The Peccadillo of Johannes Kepler: Covering Up the Mess in the Astronomia Nova*

29. Science, 1300–1650 [Works in Progress]
3:00–4:15 p.m.

Chair: Robert A. Hatch [University of Florida]

Steven D. Sargent [Union College]: *Jean Buridan and the Quies Media of Reflected Motion*

Winifred L. Wisan [Oneonta, New York]: *Galileo's "concetto immenso"*

Bruce T. Moran [University of Nevada at Reno]: *Moritz of Hessen-Kassel, Johannes Hartmann, and the Origins of Academic Chemistry*

Christopher B. Burch [University of Pittsburgh]: *On the Integrity of the Metaphysics and Natural Philosophy of René Descartes*
30. Chemistry and Physics, 1860–1920 (Works in Progress)
4:00–5:00 p.m.
Chair: To be announced
Jeffrey A. Johnson (State University of New York at Binghamton): *The Development of German Chemical Literature, 1867–1914*
Lisa Mae Robinson (University of Pennsylvania): *Experimental Style in American Science: The Electroanalytical Techniques of Edgar Fahs Smith*
Walter E. Pittman, Jr. (Mississippi University for Women): *Mudlumps and Salt Domes: Early Concepts of Isostasy in Gulf Coast Geology*
The History of Science Society Lecture
5:30–6:30 p.m.
Frederic Lawrence Holmes (Yale University)

HSS Cocktail Party
6:30–7:30 p.m.

HSS Annual Banquet
7:30–9:30 p.m.
Presentation of HSS Awards and Prizes

Graduate Student Party
9:30–11:30 p.m.
Open to HSS student members and their guests.

Sunday, 3 November

Plenary Session
9:00 a.m.–12:00 noon
Chair: Mordechai Feingold* (Boston University)
William A. Wallace (Catholic University of America): *The Jesuits and the Calculators in the Late Sixteenth and Early Seventeenth Centuries*
Edward Grant (Indiana University): *Divergent Cosmologies among Early Modern Jesuit Natural Philosophers*
Robert S. Westman (University of California at Los Angeles): *Giovanni Baptista Riccioli (1598–1671) and Jesuit Argumentative Practices in Astronomy*
William B. Ashworth (Linda Hall Library and University of Missouri at Kansas City): *Seeing the Light: Emblems in the Cause of Science; Or Vice Versa*
Comment: John L. Heilbron (University of California at Berkeley)
Paolo Galluzzi (Istituto e Museo di Storia della Scienza, Florence, and University of Siena)

Fund Drive

The History of Science Society is proud to list the following donors to and supporters of its Fund Drive. Earlier lists of donors may be found in the *HSS Newsletter*, April 1984 and April 1985.

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If you are interested in making a donation to the HSS, you may obtain the brochure "Four Ways of Giving to the History of Science Society" by contacting Gerald Holton, 358 Jefferson Laboratory, Harvard University, Cambridge, MA 02138; telephone (617) 495-4474.

continued from page 1

such as the American Physical Society’s Visiting Physicists Program and programs of the American Chemical Society, Sigma Xi, Phi Beta Kappa, and the Organization of American Historians.

Through the generosity of the Exxon Education Foundation, the first year of the HSS lecture series has been underwritten, and the Ford Foundation has agreed to support four additional years. At the end of its first five years of operation, it is hoped that the Visiting Historians of Science Program will be self-sustaining through support from endowment and cost-sharing with the institutions, both public and private, that benefit from the availability of the Society’s annual lecturers.

The next issue of the *HSS Newsletter* will announce the first group of speakers who have agreed to serve as Visiting Historians of Science for 1985–1986. To help coordinate their placement at promising locations, preferably at a crucial moment when a given institution might be most receptive to the example—and presence—of an appropriate representative of the Society, a National Committee has been formed, chaired by Joe Burchfield of Northern Illinois University. The National Committee, geographically diverse in its representation in hopes of providing well-informed coverage of all areas of the country—from coast to coast, North to South—will also depend upon timely suggestions from knowledgeable members of the Society as to where a particular speaker might do the most good in promoting the history of science.

Anyone wishing more specific information about this program or who may be able to offer suggestions about the placement of speakers, especially in the fall of 1985, is urged to contact either Joseph W. Dauben, Coordinator of Programs, HSS Visiting Historians of Science Program, Herbert H. Lehman College, CUNY, Bedford Park Boulevard West, Bronx, NY 10468, telephone (212) 960-8289, or Joe D. Burchfield, Chairman, National Committee, HSS Visiting Historians of Science Program, Department of History, Northern Illinois University, DeKalb, IL 60115.
PREREGISTRATION FORM  ■  1985 HSS ANNUAL MEETING  
31 OCTOBER–3 NOVEMBER 1985  ■  BLOOMINGTON, INDIANA

Name _____________________________________________

Affiliation (for name tag) ________________________________

Mailing address ______________________________________

REGISTRATION
In order to be considered as preregistration, orders must be postmarked by 15 October 1985.

TRANSPORTATION
Transportation to the meeting site will be available from each plane arriving at the Bloomington airport. Transportation from the Indianapolis airport will be available three to four times between 12 noon and 8 p.m. on Thursday and once before 12 noon on Friday. There will be several trips back to the airport on Sunday morning. Trips at other times will be considered, but costs cannot be guaranteed. Requests for transportation must be received by 18 October 1985.

Scheduled arrival of plane Day

Scheduled departure Sunday

ROOM RESERVATION FORM ■  1985 HSS ANNUAL MEETING  
31 OCTOBER–3 NOVEMBER 1985  ■  BLOOMINGTON, INDIANA

Name _____________________________________________

Address ___________________________________________

City ___________ State ___________ Zip ___________

Most conferees will be housed in the Indiana Memorial Union, where the meetings will be held. Late registrants, however, may be assigned rooms in a motel off campus.

Reservations must be accompanied by a deposit for one night (refundable with 48 hours notice prior to expected arrival) or submission of a MasterCard or VISA account number and expiration date.

Please make all checks payable to HSS and send payment in U.S. funds to:

Victor E. Thoren
Department of History and Philosophy of Science
130 Goodbody Hall
Indiana University
Bloomington, IN 47401

Preregistration Fees:
Member or Program Participant, $25 ($30 after 15 October)
Student or Unemployed Member, $18 ($21 after 15 October)
Nonmember, $35 ($40 after 15 October)

HSS Banquet, Saturday, 2 November
Students, $9 ($10 after 15 October) each
Others, $11 ($12 after 15 October) each

Indianapolis airport (roundtrip), $12
Bloomington airport (roundtrip), $3

TOTAL $ _______

I will need child care services

Please make all checks payable to HSS and send payment in U.S. funds to:

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130 Goodbody Hall
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Bloomington, IN 47401

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Fill out and return to:
Indiana Memorial Union
Bloomington, IN 47405
Telephone: (812) 332-6381
CALLS FOR PAPERS

The American Association for the Advancement of Science encourages members of HSS to organize symposia dealing with issues in the history of science for its meeting to be held 25–30 May 1986 in Philadelphia. For further information and required forms, contact Paul A. Hanle, Associate Director for Research, National Air and Space Museum, Smithsonian Institution, Washington, DC 20560; telephone (202) 357-2493. The deadline for proposing a session is 1 August 1985.

"Victorians Abroad" will be the topic of the Tenth Annual Meeting of the Midwest Victorian Studies Association (MVSA) in Cincinnati during 25–26 April 1986. The Association welcomes proposals treating varied aspects of British Victorian life abroad, including exploration. Ten-page papers or two-page abstracts should be sent no later than 15 November 1985 to Kristine Ottesen Garrigan, MVSA Executive Secretary, Department of English and Communication, DePaul University, 2323 North Seminary Avenue, Chicago, IL 60614.

The Royal Institution of Great Britain Centre for the History of Science and Technology (RICHST) will present a symposium titled "Laboratories: The Place of Experiment" on 17–19 September 1986. Questions to be addressed include how laboratories are funded and staffed, how the physical construction of the buildings affects the events that happen in them, how research groups internally collaborate to produce a distinctive style, and so on. Contributions are welcomed from historians and sociologists dealing with problems relating to historical and contemporary laboratories. Offers of papers, including a brief abstract, should be sent by 30 September 1985 to the organizer, Frank James, Laboratories Symposium, RICHST, Royal Institution, 21 Albemarle Street, London, W1X 4BS, England.

The eleventh annual meeting of the Social Science History Association will be held 16–19 October 1986 at St. Louis, Missouri. Those wishing to participate or offer suggestions for the program should contact Richard Steckel, Program Committee Chair, Department of Economics, Ohio State University, Columbus, OH 43210, telephone (614) 422-5008 (office), (614) 422-6701 (secretary), or D'Ann Campbell, Co-Chair, Department of History, Indiana University, Bloomington, IN 47405, telephone (812) 335-3849 (office). Papers and panel proposals should include a short description of the papers and the names, departments, and institutional affiliations of all proposed participants. Panels may include roundtable discussions. Proposals should be received no later than 1 November 1985.

AWARDS, HONORS & APPOINTMENTS

P. Thomas Carroll of the Department of Science and Technology Studies, Rensselaer Polytechnic Institute, has been named one of two Exxon Research Fellows at the Program in Science, Technology, and Society, Massachusetts Institute of Technology, for the academic year 1985–1986. He plans to investigate the effects of graduate training, industrial patronage, and other cultural influences on the research careers of doctorate chemists and chemical engineers in twentieth-century America.

Audrey B. Davis presented the Kate Hurd Mead Lecture at the College of Physicians of Philadelphia on 14 March 1985, the keynote lecture to the Buffalo Visiting Nursing Association at their hundredth anniversary dinner on 16 April, and a lecture to the Washington, D.C., Visiting Nurse Association on their eighty-fifth anniversary at the National Museum of American History on 25 April 1985.

Edward B. Davis has been selected as one of the 1984 winners of the Esther L. Kinsley Ph.D. Dissertation Award of Indiana University for his dissertation, "Creation, Contingency, and Early Modern Science: The Impact of Voluntaristic Theology on Seventeenth Century Natural Philosophy." He has also accepted a position as assistant professor of history and science at Messiah College in Grantham, Pennsylvania.

William Eamon of New Mexico State University won the second annual New Mexico Humanities Council competitive essay award for his essay "Albert Einstein and the Generation of 1905." He has also accepted a fellowship at the Institute for Research in the Humanities at the University of Wisconsin for 1985–1986.

Jeremiah M. G. Hackett of the University of South Carolina has been selected as one of the 1985 Research Fellows of the Bibliographical Society of America. He will use the award for work on a critical edition of Roger Bacon's Opus Maius, Part VI, De Scientia Experimentali.

Richard L. Kremer has been appointed Mellon Assistant Professor in the Department of History at Dartmouth College.

Susan C. Lawrence has been appointed assistant professor in the Department of History, Ball State University, Muncie, Indiana, for September 1985. She will teach Western Civilization and develop courses in the history of medicine and science.

Arnold Thackray has been elected as Treasurer and member of the Board of Directors of the American Council of Learned Societies (ACLS). The ACLS is a federally chartered council of scholarly organizations concerned with the humanities. The History of Science Society is a constituent society of the ACLS.

The John Simon Guggenheim Memorial Foundation has awarded fellowships for 1985 for pursuit of proposed studies to the following historians of science: Amos Funkenstein [University of California, Los Angeles, and Tel-Aviv University], theology and the scientific imagination from the Middle Ages to the seventeenth century; Timothy Lenoir [University of Pennsylvania and Hebrew University], the institutional revolution in German science, 1850–1885; Alan E. Shapiro [University of Minnesota], an edition of Newton's optical papers; Arnold Thackray [University of Pennsylvania], a history of the Center for Advanced Study in the Behavioral Sciences; and Alexander Vucinich [University of Pennsylvania], science and Soviet ideology.
The Southeastern America Society for Eighteenth-Century Studies will hold its twelfth annual meeting at the University of South Carolina, Columbia, on 6–8 March 1986. Proposals for interdisciplinary papers on any eighteenth-century topic are solicited. Completed papers should be sent by 1 October 1985 to Elizabeth Nybakken, History Department, Mississippi State University, Mississippi State, MS 37962; telephone (601) 325-3604.

PERIODICALS
The fifth annual volume in the series History of Anthropology, published by the University of Wisconsin Press, will be devoted to biological perspectives in anthropological inquiry, and contributions on the history of biological anthropology are welcomed. Although the deadline for completed manuscripts is not until 31 August 1986, prospective contributors are encouraged to communicate as soon as possible with the editor about their relevant work-in-progress. Address letters to the editor, George W. Stocking, Jr., Department of Anthropology, University of Chicago, 1126 East 59th Street, Chicago, IL 60637.

Quipu: Revista Latino Americana de Historia de las Ciencias y Tecnología, which appears three times a year and is published by the Latin American Society for the History of Science and Technology, welcomes papers on topics related to the title of the journal. Those interested in submitting book reviews should contact the president of the society, Juan José Saldana, Quipu, Apdo Postal 21-873, 04000, Mexico, D.F., Mexico. Authors may submit articles in English, Spanish, Portuguese, or French.

Technologia, an international quarterly devoted to historical, social, and philosophical studies in science, technology, and industry, was founded in 1978 and is sponsored by the Association of Industrial and Technical Engineers of Brussels with the cooperation of the Belgian Committee for the History of Sciences. Original scholarly essays in the fields of historical, social, and philosophical studies in science and technology are welcome for publication. (Technologia is trilingual: English, French, and Dutch.) Address inquiries to the editor, Hosam Elkhadem, Centre National d’Histoire des Sciences, Bibliothèque Royale Albert premier, Boulevard de l’Empereur, 4, 1000 Brussels, Belgium.


MEETINGS

On 26–28 September 1985 Dickinson College will celebrate the hundredth anniversary of the Tome Scientific Building, the first building devoted to the teaching of science on its campus. The Tome Centennial will include a two-day interdisciplinary symposium entitled “Science in the Liberal Arts," a major address by Stephen Jay Gould dealing with both scientific and humanistic issues, and an “Aesthetics of Science” exhibit, as well as a display of Dickinson’s historic collection of physics apparatus, including an electrostatic generator (circa 1800) and Joseph Priestley’s telescopes and burning glass. For more information, contact Susan Wolf, Coordinator, Tome Centennial Symposium, c/o Department of Physics and Astronomy, Dickinson College, Carlisle, PA 17013.

The Henry Draper Memorial Centennial Symposium will be held on 23 October 1985 at the University of Western Ontario. Papers will be presented by Dorrit Hoffleit (Yale University) on the historical aspects of the Draper Memorial project and Nancy Houk (University of Michigan) on the project to reclassify the stars in the Draper Catalogue on the more up-to-date "M-K System." For further information, contact Howard Plotkin, Department of History of Medicine and Science, University of Western Ontario, London, Canada, N6A 5C1.

Joseph Ewan, Emeritus Professor of Botany at Tulane University, will deliver the Ramsbottom Lecture of the Society for the History of Natural History (SHNH), entitled “A Study in Personality: American Naturalists of the Andes and Amazon,” on 14 November 1985 at 11:00 a.m. in Baird Auditorium at the National Museum of Natural History, Smithsonian Institution, Washington, D.C. The lecture coincides with the opening of a major exhibit on the U.S. Exploring Expedition, 1838–1842. For further information, write to Ellen B. Wells, Smithsonian Institution Libraries, NMAH 5016, Washington, DC 20560.

FOR THE RECORD
On 15–19 April the Academy of Sciences of Lisbon sponsored a colloquium, “História e Desenvolvimento da Ciência em Portugal.” The sessions covered mathematics, astronomy, physics, chemistry, medicine, natural sciences [including anthropology and the earth sciences], and applied sciences. HSS members Allen Debus and William R. Shea addressed the colloquium.

Books Received by Isis
March–May 1985

Ordering information: Books and publications listed in the HSS Newsletter are available from the publisher. The History of Science Society cannot fill orders for non-HSS publishers.

Note: Most books on the Books Received List that will be reviewed in Isis have already been assigned to reviewers. If you are interested in reviewing a forthcoming book for Isis, please fill in the coupon “News of Forthcoming Books” in earlier issues of the Newsletter.

Peter Achinstein, Owen Hannaway (Editors), Observation, Experiment, and Hypothesis in Modern Physical Science. (Studies from the Johns Hopkins Center for the History and Philosophy of Science, 1) $1 x + 379 pp., illus., figs., bibl., index. Cambridge, Mass./London: MIT Press, 1985. $35.


Asim O. Baru, Alwyn van der Merve, Jean-Pierre Vigier (Editors), Quantum, Space and Time—The Quest Continues: Studies and Essays in Honour of Louis de Broglie, Paul Dirac and Eugene Wigner. (Cambridge Monographs on Physics.) vii + 662 pp., illus., figs., indexes. Cambridge/London/New York: Cambridge University Press, 1984. $49.50 (paper).

Bruno Belhoste, Caushy: Un mathématicien legitimiste au XIXe siècle. (Un Savant, Une Epoque, 2) 224 pp., illus., app., index. Paris: Belin, 1985.


Steven J. Brams, Superpower Games: Applying Game Theory to Superpower Conflict. xvi + 176 pp., figs., bibli, index. New Haven, Conn./London: Yale University Press, 1985. $22.50 (cloth); $6.95 (paper).


Murray Code, Order and Organism: Steps to a Whiteheadian Philosophy of Mathematics or the Natural Sciences. (SUNY Series in Philosophy) x + 265 pp., bibli, index. Albany: State University of New York Press, 1985. $39.50 (cloth); $12.95 (paper).


James Elliot, Richard Kerr, Rings: Discoveries from Galileo to Voyager. x + 209 pp., illus., figs., bibli, index. Cambridge, Mass./London: MIT Press, 1984. $17.50.


Paolo Galluzzi, Nuovit celesti e crisi del sapere. (Atti del Convegno Internazionale di Studi Galileiani) v + 448 pp., illus., app., index. Florence: Giunti Barbèra, 1984.


Bernard R. Goldstein, Theory and Observation in Ancient and Medieval Astronomy. (Collected Studies Series, CS215) x + 348 pp., illus., figs., index. London: Variorum Reprints, 1985. £32.

Christiane Groben (Editor), Reinhard Dohm, 1880–1962: Reden, Briefe und Veröffentlichungen zum 100. Geburtstag. 91 pp., illus. Berlin/Heidelberg/New York: Springer Verlag, 1983. (Paper.)


Marie Boas Hall, All Scientists Now: The Royal Society in the Nineteenth Century ix + 261 pp., illus., bibli, index. Cambridge/London/New York: Cambridge University Press, 1984. $49.50.


Frederic Lawrence Holmes, Lavoisier and the Chemistry of Life: An Exploration of Scientific Creativity. (Wisconsin Publications in the History of Science and Medicine, 4) 417 pp., illus., bibli, index. Madison, Wis./London: University of Wisconsin Press, 1985. $38.50.


Peter Murray Jones, Medieval Medical Miniatures. 144 pp., illus., figs., bibli, indexes. Austin: University of Texas Press, with the cooperation of the British Library, 1984.

Publications

In order to fit the Newsletter, the ballot, and the envelope within two ounces, the “Publications” section is being held over until the next issue.

One special item: Osiris is coming! Volume 1, $29 [hardcover], $15 [paperback]. Watch for a mailing this summer with special prices for History of Science Society members.
Oleg Ivanovic Kedrovsky. Wechselbeziehungen von Philosophie und Mathematik im geschichtlichen Entwicklungsgesprozess. 288 pp., illus., bibl., index. New Haven, Conn./London: Yale University Press, 1985. $17.95.

Daniel J. Kevels. In the Name of Eugenics: Genetics and the Uses of Heredity. x + 246 pp., apps., illus., bibl., index. New York: Alfred A. Knopf, 1985. $22.95.

Lothar Knatz. Utopie und Wissenschaft im frühen deutschen Sozialismus. [Philosophie und Geschichte der Wissenschaften: Studien und Quellen, 4.] 297 pp., apps., bibl., index. Frankfurt am Main/Bern/New York: Peter Lang, 1984. SwF 64.


Chris E. Makepeace. Science and Technology in Manchester: Two Hundred Years of the Lit. and Phil. 64 pp., illus., index. Manchester: Manchester Literary and Philosophical Association, 1984. £2.75.

Medical Heritage. Sharon Ronnrm. Editor. Volume 1, Number 1, January/February 1985. 78 pp., paper.Published bimonthly by W. B. Saunders Co., West Washington Square, Philadelphia, Pa. 19103. Subscription: $35 (individual); $45 [institution]; $7 [single copy].


Regina Markell Morantz; Cynthia Stodola Pomerleau; Carol Hansen Fenichel (Editors). In Her Own Words: Oral Histories of Women Physicians. xiv + 284 pp., illus., bibl., index. New Haven, Conn./London: Yale University Press, 1982.


George Rapp, Jr.; John A. Gifford (Editors). Archaeological Geology xvii + 435 pp., illus., figs., bibl., index. New Haven, Conn./London: Yale University Press, 1985. $35.

Roy Rothwell; Walter Ziegfeld. Industrialization and Technology. vi + 283 pp., figs., index. Amronk, N.Y.: M. E. Sharp, 1985. $30 [cloth]; $14.95 [paper].


Willfried Schröder [Editor]. Historical Events and People in Geosciences. [European University Studies, 229.] 219 pp., illus., figs., index. Frankfort am Main/Bern/New York: Peter Lang, 1985. [Paper]

— Das Phänomen des Polardlichts: Geschichtsschreibung, Forschungsergebnisse und Probleme. [Erträge der Forschung, 218.] x + 156 pp., illus., figs., bibl., index. Darmstadt: Wissenschaftliche Buchgesellschaft, 1984.

Howard P. Segal. Technological Utopianism in American Culture. xi + 301 pp., illus., bibl., index. Chicago/London: University of Chicago Press, 1985. $30 [cloth]; $14.95 [paper].

Manuel A. Sellés. En torno a la génesis de la teoría especial de la relatividad. [Cuadernos Galileo de Historia de la Ciencia, 2.] 107 pp., figs., bibl. Madrid: Consejo de Investigaciones Científicas, Instituto Arnu de Vilanova, 1984. [Paper]


New HS Programs

Cornell University has established a new Program in the History and Philosophy of Science and Technology for undergraduates and graduates. The undergraduate concentration will present a core of courses in the history of science and medicine, philosophy of science, and history of technology, and will treat their relationships to other aspects of the intellectual world. The graduate field will prepare students to become not only professional historians and philosophers of science, medicine, and technology, but also teachers of science and engineering with historical and philosophical competence, museum curators in science and technology, and science writers. The codirectors of the program are Martin Harwit (Astronomy) and L. Pearce Williams (History). Twenty-six faculty members will offer courses, the core of professional historians of science will expand (see the two listings under "Positions" in this issue), and the Department of Philosophy will make a major appointment in the philosophy of modern physics. A weekly colloquium will be instituted: graduate students and faculty from other institutions who are interested in presenting a talk to the Cornell community are invited to write to either codirector.

The Section of the History of Medicine of the Yale University School of Medicine announces the establishment of a program of graduate education in the history of medicine and the life sciences. Fields of study include history of medicine, public health, and the life sciences. Areas of special interest to the section's faculty include history of anatomy, public health, medical care and health policy, biochemistry, organic chemistry, physiology, psychiatry, forensic medicine, mental health, and drug and alcohol abuse policy. Generally, admission will be for pursuit of the Ph.D. degree only, although a master's degree may also be obtained. Applications for the academic year 1986-1987 must be received at the Graduate School Admissions Office, Yale University, Box 1504A Yale Station, New Haven, CT 06520, by 2 January 1986. Preliminary inquiries may be addressed to the Section of the History of Medicine, Yale University, P.O. Box 3333 Yale Station, New Haven, CT 06510.

The paperbound Isis Cumulative Index was mailed to those who ordered it on 15 May 1985. If you have not received your copy, please notify the HSS Publications Office, 215 South 34th Street/D6, Philadelphia, PA 19104; telephone (215) 898-5575.

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The Newsletter of the History of Science Society is published in January, April, July, and October. Regular issues are sent to those individual members of the Society residing in North America. Airmail copies are sent to those members overseas who pay $5 yearly to cover postal costs. The Newsletter is available to non-members and institutions for $20 a year.

The Newsletter is overseen by a Steering Committee consisting of the President, the Secretary, and the Editor of the History of Science Society, it is produced at the Society's Publications Office under the supervision of Dr. Frances Kohler. Send news items to Newsletter, History of Science Society Publications Office, 215 South 34th Street/D6, Philadelphia, PA 19104. The deadline for receipt of news is the tenth of the month prior to publication.