

HISTORY OF SCIENCE SOCIETY NEWS

The 1981 annual meeting of the History of Science Society will be held in Los Angeles, December 27-30, 1981 (jointly with the American Historical Association). Program co-chairs are David Lindberg and Ronald Numbers. Local arrangements chair is Robert Frank. Those wishing to organize or participate in regular sessions should write to Professor Lindberg or Professor Numbers, Department of the History of Science, South Hall, University of Wisconsin, Madison, Wisconsin 53706; or call them at (608) 262-1406 (Lindberg) or (608) 262-1460 (Numbers). Regular sessions will consist of three papers (2 hours) or four papers (3 hours). Preliminary contact is advised as soon as possible; final proposals are due by March 1. Proposals for 15-minute work-in-progress papers (including an abstract and brief *vita*) are due by May 1. Charter flights may be available to Los Angeles from most major cities at considerably reduced fares--thus offsetting recent air fare increases. It is possible that a few low cost dormitory rooms will be available for graduate students. More detail will be given in subsequent issues of the Newsletter.

Prize winners were named at the annual meeting of the Society, Toronto, 1980. Chairperson Stephen Brush reported for the Pfizer Award Committee that Frank J. Sulloway had been selected in honor of his study Freud, Biologist of the Mind. This prize is awarded for the best book(s) published in the history of science each year. The Schuman Prize was awarded by prize committee member Toby Appel to Bruce J. Hunt of Johns Hopkins for his essay, "Theory Invades Practice: The British Response to Hertz." The Schuman Prize has been awarded annually for the best essay in the history of science by a graduate student. Michael Mahoney of the Committee on Isis presented the Zeitlin-Verbrugge Prize to Thomas Hankins for his article "Triplets and Triads: Sir William Rowan Hamilton on the Metaphysics of Mathematics" published in Volume 68 (1977) of Isis. This prize was established by the Council to the author of the best article to have appeared in Isis during the preceding three years and is made possible by the financial generosity of Jacob Zeitlin and Josephine Verbrugge. The Sarton Medal, the highest honor given by the Society for distinguished contributions to the history of science, was presented by Professor Erwin Hiebert to Professor Marshall Clagett of the Institute for Advanced Study at Princeton.

A full statement about the annual meeting, including discussion of the prize selections, will be published in Isis. The HSS Council spent considerable time considering a preliminary draft of the Long Range Planning Committee Report, presented by Arthur Norberg. An abstract of the revised report will be available in a future issue of the Newsletter and recommendations for changes in the bylaws will be taken up at the 1981 Council meeting. Minutes of the Business Meeting for 1980 are available from Sally Gregory Kohlstedt, Secretary of the Society.

Nominations for the Sarton Lecturer and the Sarton Medal are invited from Society members by the Executive Committee. The Sarton Memorial Lecture is given annually at the American Association for the Advancement of Science meeting. The lecture was established to provide a public lecture on some topic of history of science of general interest to members of the AAAS by a distinguished contributor in the field. The Sarton Medal, established in 1955, recognizes contributions to the cause of furthering the history of science.

The XVth International Congress of the History of Science will be held in Bucharest, Rumania, from August 26-September 3, 1981. The Second Circular has now been issued. Registration forms must be returned before March 30 and local reservation arrangements must be made by June 15. Registration inquiries may be sent to ACADEMIA REPUBLICII SOCIALISTE ROMANIA, Calea Victoriei 125, Bucuresti, 79170 Romania. The United States National Committee of the International Union for the History and Philosophy of Science has tried to raise money for travel to the Congress. Those interested in applying should submit the form on page 13 of this newsletter to Frederick Churchill, chairperson of the USNC. There is also some possibility of receiving funds from the American Council of Learned Societies, which has a small program of grants for participation in international congresses and conferences abroad. For more information contact Mr. James Settle, 800 Third Avenue, New York, N.Y. 10022. The ACLS deadline is March 1.

The Committee on Undergraduate Education is planning a revised edition of its Library Checklist of Books and Periodicals in the History of Science, and welcomes suggestions of books that should be recommended for use in undergraduate courses. Please direct correspondence on this or other CUE activities to Stephen G. Brush, Acting Chairperson of CUE, at the Department of History, University of Maryland, College Park, MD 20742. Also note that CUE has maintained a Syllabus Clearinghouse under Stephen McCluskey; see the form for submission of material on page 15.

Many members of the Society are concerned about the apparent implications of a 1979 Supreme Court decision, Thor Power Tool Co. vs. Commissioner of Internal Revenue. This decision relates to financial reporting of back issues of books and journals and the effect would seem to be that publishers with relatively small runs of textbooks and monographs will be financially hurt. The long term implication may be that titles which may not sell well and immediately will not be published, especially by the smaller presses. The Council of the Society recommended that members be appraised of this decision (for more detail see the Chronicle of Higher Education, September 29, 1980) and urged to write to Congress to support legislation which would make books an exception in the handling of back inventories.

Two Society members represented the Society at formal occasions this fall. Ralph W. Dexter of Kent State University represented the Society at the inauguration of the new president of Mount Union College, Alliance, Ohio on October 23; and Stanley M. Guralnick of the Colorado School of Mines represented the Society at the inauguration of the new president of the University of Colorado, Boulder.

The Nominating Committee will accept recommendations from members until the end of February for the Council (1982-1984) and the Nominating Committee (1982). Members of the Committee are: Betty Jo Dobbs, Northwestern University; John Greene, University of Connecticut; Erwin Hiebert, Harvard; Rachel Laudan, University of Pittsburgh; and Nathan Sivin, University of Pennsylvania. *Chair

Dov Ospovat

We learned with deep regret of the death of Dov Ospovat shortly before the annual meeting. He had been elected to the 1981 Nominating Committee, one more evidence of the respect he enjoyed within the Society.

CONFERENCES AND MEETINGS

The Eleventh Symposium on Philosophy and Medicine, "Responsibility in Health Care," will be held in Springfield, Illinois on March 16-18, 1981. The program is sponsored by the Department of Medical Humanities, Southern Illinois University School of Medicine and St. John's Hospital, Springfield, Illinois. Major speakers will include George Agich, Theodore Brown, Edmund Erde, Richard Flathman,

The Newsletter of the History of Science Society is published in January, April, July and October. Regular issues are sent to individual members of the Society. Special subscription to the Newsletter alone is \$5.00. Airmail is available for foreign members by paying yearly postal costs of \$5.00 (Western Europe) or \$6.00 (elsewhere). The deadline for receipt of news is the tenth of the month prior to publication. Editor of the Newsletter is Sally Gregory Kohlstedt; Associate Editor is Nancy Herrington. Send news items to Dr. Sally Gregory Kohlstedt, Maxwell School, Syracuse University, Syracuse, New York 13210. As Secretary of the Society and Editor of the Newsletter she is interested in membership opinion about coverage and welcomes suggestions. Occasional supplements containing job information are sent to departments and individuals who request them on an annual basis.

Stanley Hauerwas, Christine Mitchell, Mark Siegler, and Peter Williams. For further information please contact: Professor George Agich, Department of Medical Humanities, South Illinois University School of Medicine, Springfield, Illinois 62708 (217) 782-4261; Professor H. Tristram Engelhardt, Jr., Kennedy Institute of Ethics, Georgetown University, Washington, D.C. 20057 (202) 625-2375; or Professor Stuart F. Spicker, Department of Community Medicine and Health Care, University of Connecticut Health Center, Farmington, Connecticut 06032 (203) 674-2356.

A conference on "Women in the Professions: Science, Social Science, and Engineering" will be held at Purdue University on March 20-21, 1981. Women nationally recognized for their outstanding achievements will survey the current status of professional women and identify methods for increasing career opportunities. For further information and application forms, contact: Cary Bowditch, Division of Conferences, Stewart Center, Purdue University, West Lafayette, IN 47907 (317) 749-2533.

A Symposium entitled "Space Science Comes of Age: Perspectives in the History of the Space Sciences" will be sponsored by the National Air and Space Museum, Smithsonian Institution, Washington, D.C. on March 23 and 24, 1981. Participants include: Noel W. Hinners, Lyman Spitzer, Jr., Leo Goldberg, Herbert Friedman, James A. van Allen, Robert Jastrow, Eugene Shoemaker, Stephen Brush, Pamela Mack, C. Stewart Gillmor, Richard P. Hallion, and Paul A. Hanle. For more information contact Rita Bobowski (202) 357-1552 or Paul Hanle (202) 357-2828.

The Organization of American Historians will hold its 1981 annual meeting in Detroit on April 1-4. The program is entitled "What is to be Done? Concepts, Case Studies, Classrooms." Contact Richard S. Kirkendall, Executive Secretary of the OAH, Indiana University, 112 North Bryan, Bloomington, Indiana 47401.

The eighth annual meeting of the Joint Atlantic Seminar on the History of Physical Sciences will take place at the University of Montreal on April 3rd and 4th, 1981 (note the new dates). This year the JAS will be addressed by Martin Klein (Yale University), Arnold Thackray (University of Pennsylvania), and Paul Hanle (Smithsonian Institution), as well as by distinguished student speakers yet to be selected. Graduate students interested in presenting a 20-minute paper are urged to contact the organizer, Lewis Pyenson, Institut d'histoire et de sociopolitique des sciences, Universite de Montreal, Montreal H3C 3J7 Canada. It is anticipated that a financial contribution will be made to the travel expenses of student speakers; inexpensive or free lodging will also be provided.

Southern Association for History of the Sciences and Technology, fourth annual meeting, April 4-5, 1981, at the University of Kentucky. Proposals are invited both for individual papers and for thematic sessions. Graduate students are encouraged to submit proposals. SAHST covers all areas of the sciences (including medicine) as well as technology. Send proposals to Professor Bruce Eastwood, Dept. of History, Office Tower, University of Kentucky, Lexington, KY 40506.

The seventeenth annual meeting of the Joint Atlantic Seminar in the History of Biology and Medicine will be held at Princeton University on April 10-11, 1980. Those wishing to present papers should send a title by February 1 to Professor Gerald L. Geison, Program in the History and Philosophy of Science, 220 Palmer Hall, Princeton, N.J. 08544. Further information concerning program and arrangements will be circulated in late February.

A Symposium on "Childbirth: The Beginning of Motherhood" will be held on April 10, 1981 at the University of Wisconsin, Madison. Papers will be presented and discussed by scholars from various fields: history, medicine, history of medicine, literature, sociology, and women's studies. The symposium, jointly sponsored by the UW-Madison Women's Studies Research Center and the Department of the History of Medicine, will be held in the State Historical Society Auditorium on the UW-Madison campus, from 9:00 a.m. to 5:30 p.m. For more information, please contact Professor Judith W. Leavitt, Department of the History of Medicine, UW-Madison, Madison, WI 53706 (608) 262-1460.

The Midwest Victorian Studies Association will hold its annual meeting May 1-2, 1981 at the Newberry Library in Chicago. The topic will be "Law, Rule, and Resistance in Victorian England." For information write Frederick Kirchoff, Department of English and Linguistics, Indiana University Purdue University at Fort Wayne, Fort Wayne, Indiana 46805.

American Association for the History of Medicine will meet in Toronto May 13-16, 1981. For further information contact John Scarborough at the Department of History, University of Kentucky, Lexington, Kentucky 40506.

The Center for Women's Services at Western Michigan University will conduct a Science Career Workshop, June 5 and 6, 1981, on the campus of Western Michigan University. The program will provide the information and methods for planning and developing careers in science and engineering. For an application, please contact the Science Career Workshop, Division of Continuing Education, Western Michigan University, Kalamazoo, Michigan 49008.

The Sixth Annual European Studies Conference will be held on October 8-10, 1981, Omaha, Nebraska. This conference is an interdisciplinary meeting with sessions devoted to current research, research techniques, and teaching methodologies, as well as traditional topics. The Conference stresses the interdisciplinary theme focusing on Europe from the Atlantic to the Urals. Abstracts of papers and suggestions for panels should be submitted by May 1, 1981 to Dr. Patricia Kolasa, Department of Educational Foundations, or Dr. Bernard Kolasa, Department of Political Science, University of Nebraska at Omaha, Omaha, Nebraska 68182.

A panel, "The Machine and the Arts in the 18th Century," will be held at the Northeast American Society for 18th Century Studies Conference, M.I.T., Cambridge, Mass., October 9-11, 1981. Ten to twelve page papers (20 minutes) are invited by

March 1; detailed proposals due immediately. Contact Julia Epstein or Mark Greenberg, Department of Humanities-Communications, Drexel University, Philadelphia, PA 19104 (215) 895-2441 or 895-2437.

The Eighth Annual Saint Louis Conference on Manuscript Studies will be held at St. Louis University on October 15 and 16, 1981. An invitation has been extended for papers dealing with one of the four following aspects of the manuscript: codicology, illumination, paleography, and texts. Those wishing to participate should request additional information from the Conference Committee, Vatican Film Library, Pius XII Memorial Library, 3655 West Pine, St. Louis MO 63108.

Technology and Society Division of the American Society of Mechanical Engineers is soliciting papers on the following topics for presentation at the Winter Annual Meeting in Washington, DC, November 15-21, 1981. Two copies of the abstract (200-500 words) or completed manuscript of the paper may be submitted to: Professor A.M. Dhanak, Department of Mechanical Engineering, Michigan State University, East Lansing, MI 48824. The deadline for abstracts is February 28, 1981. Papers on the following topics will be considered to be especially suitable: (1) Technology assessment - analysis, forecasting, social impacts, ethical values, methodologies; (2) Energy assessments; (3) Assessment of solar energy and other alternate energy sources; (4) Environmental assessments; (5) Analysis and/or proposed models of engineering ethics; (6) Assessment of emerging technologies; (7) General aspects dealing with interactions between technology and society; (8) Case studies of technology assessment. Submitted abstracts or papers will be reviewed as to their appropriateness for the planned sessions and the authors will be notified of the acceptance of the papers for preprint publications and presentations by April 1.

ANNOUNCEMENTS

The Dov Ospovat Memorial Fund has been established at the Cambridge University Library for the care and preservation of the Charles Darwin papers. Contributions to this fund are being solicited throughout the history of science community. In the United States, the American Friends of Cambridge University has established an unfunded grant in support of this fund. Those wishing to join in supporting the Dov Ospovat Fund may do so by making contributions payable to the "American Friends of Cambridge University," 1611 35th Street NW, Washington, DC 20007. Please designate on your checks that your contribution is for Grant 3/80: Cambridge University Library-Dov Ospovat Fund. All such contributions are tax deductible, and will be acknowledged. Organizing committee: James Bono, David Kuhn, Shirley Roe, and Frank Sulloway.

The Boston Colloquium for the Philosophy of Science announces its spring program: Marcello Cini, "The Social Basis of Scientific Theory and Practice" (January 13); Jeffrey Barnouw, "The Sign--Theory of Perception and Thought: From Chrysippus Through Helmholtz to Peirce and Dewey" (January 20); Jeffrey Coulter, "Theoretical Problems of Cognitive Science: The Limiting Duality of Behaviorism and Mentalism" (January 27); Stephen Gould, "The

Hierarchical Structure of Evolutionary Theory" (February 10); Gyorgy Markus, "Practical-Social Rationality in Marx: A Dialectical Critique" (February 17); Kenneth Brecher, "Which Came First: The Universe or the Laws of Physics?" (February 24); Rita Nolan, "Human Languages are not Codes" (March 17); Rohit Parikh, "Logics of Action" (March 24); Clark Glymour, "The Electromagnetic Asymmetries and the Origins of the Special Theory of Relativity" (March 31); Lindley Darden, "Not a Logic of Discovery but a Rationale of Theory Construction: The Case of the Theory of the Gene" (April 14); Adolf Grunbaum, "Can Freudian Psychoanalytic Theory be Cogently Tested on the Couch?" (April 21); Robert Butts, "Rules, Examples and Constructions: Kant's Philosophy of Mathematics 200 Years Later" (April 28); Nini Praetorius, "Fundamental Principles for a Theory of Consciousness" (May 5); and Dudley Shapere, "Meaning and the Empirical Sciences" (May 12). For further information, consult Robert S. Cohen or Laurie Nourse, Department of Physics, Boston University, Boston, MA 02215.

A new Journal for the History of Canadian Science Technology and Medicine will commence publication in the autumn of 1980. It is a successor to a newsletter which has been successfully published since 1976. The first volume of three numbers will carry refereed articles in both English and French in these areas. The journal will also provide reviews of books, news of the profession, bibliographies, and other valuable notes. One year's subscription is \$8 in Canada for individuals, \$10 for institutions, and \$10 for individuals in the USA and overseas, and \$12 for institutions. Checks, payable in Canadian funds to HSTC Bulletin, or requests for information concerning submission of articles, should be sent to the editor, Dr. Richard A. Jarrell, Dept. of Natural Science, Atkinson College, York University, Downsview, Ontario, Canada M3J 2R7.

The Federation of Organizations for Professional Women, the coalition of women's groups that includes the Committee on Women of the History of Science Society, has initiated a Woman Scholars Poster Series to highlight the contributions of eminent women. The first scholar to be featured is psychologist Leta Stetter Hollingworth. Hollingworth, a pioneer in the study of exceptional children, both the mentally deficient and the intellectually gifted, presented a radical challenge to the beliefs and boundaries of her time. She has also been called "the scientific pillar of the women's movement." Hollingworth's innovative thinking and careful empirical research on "gifted children" and the psychology of adolescence, and her scientific study of the psychology of women made her an influential and effective critic of the conventional wisdom. The 17" x 22" poster features a portrait of Hollingworth along with a brief biography by Ruth Czirr and Ludy Benjamin, Jr. To order, send a self-addressed mailing label and check made out to FOPW/Poster in the amount of \$5 to FOPW, 2000 P. Street, NW, #403, Washington, DC 20036.

The American Association for the Advancement of Science has established a new award (plaque and a cash prize of \$1000) for Scientific Freedom and

Responsibility, which will be presented for the first time at the 1982 AAAS Annual Meeting in Washington, D.C. Under the criteria approved by the AAAS Board, the purpose of the award is to honor scientists and engineers whose actions, often at significant personal cost, have outstandingly exemplified principles of scientific freedom and responsibility. Nominations should be sent to: Scientific Freedom and Responsibility Award, American Association for the Advancement of Science, 1515 Massachusetts Avenue, NW, Washington, DC 20005. Deadline for receipt of nominations is June 30, 1981.

A new bulletin, Science & Technology for the Handicapped, has been established by the American Association for the Advancement of Science. For information contact: American Association for the Advancement of Science, Office of Opportunities in Science, 1515 Massachusetts Avenue, NW, Washington, DC 20005.

In November 1979 the Council of the Royal Irish Academy established an Irish National Committee for the History and Philosophy of Science. The membership of the Committee is drawn from both the Republic of Ireland and Northern Ireland. The Chairperson is Professor G.L. Herries Davies, M.R.I.A., and the Secretary is Dr. R. Charles Mollan. The Committee will be pleased to establish contact with anyone having a particular interest in the historical and philosophical development of Irish science. Any further information can be obtained from the Committee at the Royal Irish Academy, 19 Dawson Street, Dublin 2, Ireland.

The tenth annual Institute for Historical Editing will take place July 19-31, 1981 in Madison, Wisconsin. Jointly sponsored by the National Historical Publications and Records Commission, the University of Wisconsin-Madison, and the State Historical Society of Wisconsin, the institute will provide detailed theoretical and practical instruction in documentary editing. Applicants should hold a master's degree in history or American civilization. A limited number of full and partial study grants are available. For information and application forms, write to NHPRC, National Archives, Washington, DC 20408. Application deadline is March 1, 1981.

The National Endowment for the Humanities (NEH) will sponsor Summer Seminars for Teachers Program that annually supports approximately 120 eight-week sessions nationwide for some 1,440 college teachers. The summer program is offered to two-year, four-year, and five-year college and university teachers to provide advanced study and research opportunities in the teachers' own fields or in fields related to their interests. Participants receive a stipend of \$2,500 for travel to and from the seminar site, and for research and living expenses. Of particular interest are: "Principles and Metaphors in Biomedical Ethics," with James F. Childress, Department of Religious Studies, University of Virginia, Charlottesville, Virginia 22903; "Engineers and Conflict: An Historical Analysis," with Eugene S. Ferguson, Department of History, University of Delaware, Newark, Delaware 19711; "Physicists in Historical Context," with Martin J. Klein, Department of History, c/o NEH Summer Seminars, Box 2145, Yale Station, New Haven,

Connecticut 06520; and "The Unity of Learning in the Later Middle Ages," with John E. Murdoch, Department of the History of Science, Science Center 235, Harvard University, Cambridge, Massachusetts 02138. The first three mentioned are scheduled from June 15 to August 7, and Professor Murdoch's seminar will be held from June 22 to August 14. Contact the seminar director for more information.

The Journal of College Science Teaching sponsored a special issue (Volume 10, September 1980) on teaching the history of science. The issue is based, in part, on a symposium and other activities sponsored by the Committee on Undergraduate Education while under the supervision of Stephen Brush. The issue is available for \$6 (annual subscription rate is \$25) from the National Science Teachers Association, 1742 Connecticut Avenue, NW, Washington, DC 20009.

The Institute of Museum Services has announced two Federal grant programs designed to enhance the quality of U.S. museums. The Accreditation Grant Program and the Museum Assessment Program will assist museums that are applying for accreditation or that are in need of an outside evaluation of their operations. Approximately 300 grants totaling \$200,000 will be given to museums during FY 1981 on a first-come, first-served basis. The Museum Assessment grant is a one-time award of \$600 available to museums to help cover the cost of an independent evaluation of the museum's operations. This technical assistance program was developed jointly by the American Association of Museums and IMS, and will be coordinated by AAM. MAP will consist of a one-day site visit by a museum professional followed by a detailed confidential written report that will document areas of the museum that need development and improvement. Museums interested in accreditation should contact Randi Glickberg, Accreditation Secretary, American Association of Museums, 1055 Thomas Jefferson Street, NW, Washington, DC 20007. Museums interested in the Museum Assessment Program should request application forms from John Buchanan, Museum Assessment Program Coordinator, American Association of Museums, 1055 Thomas Jefferson Street, NW, Washington, DC 20007.

The Directory of American Scholars welcomes nominations for its next edition. Persons interested in being considered should send their names, addresses and disciplines to Renee Lautenbach of the Jaques Cattell Press, A Division of the R.R. Bowker Company, 2216 South Industrial Park, P.O. Box 25001, Tempe, Arizona 85282. Questionnaires will be sent in late 1981.

The Bakken Museum of Electricity in Life in Minneapolis, Minnesota houses extensive library and instrument collections focused on the use of electricity as a therapeutic and diagnostic tool from earliest times to the present. The BMEL wishes to encourage the utilization of these collections by qualified graduate students, junior or senior scholars, and other professionals through grants-in-aid of research. A more complete description of the BMEL resources is

available upon request. Priority will be given for proposals under \$10,000, although larger requests will be considered. Allowable expenses include summer support, support for released time, travel expenses, photocopying, etc. Funds may be expended for periods up to one year. Applicants should submit a summary of the proposed research (300 words or less) curriculum vitae, names of at least three references, and proposed budget to: Nancy Roth, Assistant Director, Bakken Museum, 3537 Zenith Avenue South, Minneapolis, MN 55416. Deadline for receipt of proposals is April 1, 1981.

APPOINTMENTS AND PROMOTIONS

David F. Channell has been promoted to Associate Professor of History (with tenure) at the University of Texas at Dallas.

David H. Devorkin is now curator of astronomy at the National Air and Space Museum, Washington, D.C.

James Edmonson has been appointed Associate Curator of the Howard Dittrick Museum of Historical Medicine in Cleveland in place of Edward J. Pershey who has been named Curator of the Thomas A. Edison National Historic Site in West Orange, New Jersey.

Richard F. Hirsh is assistant professor of the history of science and technology in the History Department at Virginia Polytechnic Institute, Blacksburg, Virginia.

Martin Rudwick has resigned from the Chair in the history and social aspects of science at the Vrije Universiteit in Amsterdam, The Netherlands, partly in protest at political interference in the academic work of his department. He is an honorary Research Fellow in the Science Studies Unit at the University of Edinburgh, and in the spring semester 1980-81 he will be a visiting professor in the Program in History and Philosophy of Science at Princeton University.

Craig B. Waff has been promoted to the position of Supervisory Editor for Science and Technology at Arct Publishing Company, Princeton, New Jersey.

AWARDS AND HONORS

David F. Channell has been awarded a two-year Demonstration grant from the National Endowment for the Humanities for a project entitled "Humanistic Values in Modern Society" to plan and teach a coherent set of interdisciplinary courses focusing on the relationship between humanistic values and modern technological society.

Lindley Darden recently was elected to the Governing Board of the Philosophy of Science Association. Her sabbatical during the fall semester, 1980, was spent as a visiting scholar in the Heuristic Programming Project of the Computer Science Department at Stanford University.

Judith R. Goodstein has received a two-year grant from the Haynes Foundation to prepare a history of

the California Institute of Technology, effective October 1, 1980.

Erwin N. Hiebert has been honored by a special issue of essays produced in his honor in Historia Mathematica 7 (1980), 229-233.

Richard F. Hirsh has been awarded the History Manuscript Award of the American Institute of Aeronautics and Astronautics for the best book-length manuscript dealing with science, technology, and the impact of aeronautics or astronautics on society. The manuscript is his doctoral dissertation, which is entitled "Science, Technology, and Public Policy: The Case of X-Ray Astronomy, 1959 to 1972."

Gerald Holton has been named to the Council of Scholars in the Library of Congress. The Council of Scholars will examine the state of knowledge in various disciplines and explore the extent to which the Library's collections effectively support active research in these areas. This inventory of knowledge will serve as a guide for scholars who wish to explore neglected areas as well as point to those subjects which have been more fully explored.

Dudley Shapere has been invited to return to the Institute for Advanced Study, Princeton, New Jersey, for a seven-month period beginning on January 1, 1981.

FELLOWSHIPS AND GRANTS

Applications are now being accepted for the National Aeronautics and Space Administration History Office Visiting Scholar Program. An historian of established reputation will be selected for the 1981-82 academic year to conduct research in Washington on some aspect of the history of aeronautics, astronautics, or space science. The scholar selected receives financial support for one year of independent study at NASA Headquarters. The program is conducted under the provisions of the Intergovernmental Personnel Act of 1970. Faculty members at all accredited U.S. colleges and universities are eligible. Preference will be given to senior scholars with book-length publications to their credit. A Guide to Research in NASA History and the Personal Qualifications Statement, Standard Form 171 are available. Applications must be received by 2 January 1981. The award will be announced no later than 20 February. Address applications and queries to Director, History Office (LH-14), NASA, Washington, DC 20546. Telephone (202) 755-3612.

The National Humanities Center is an institute for advanced study designed to foster individual research and intellectual exchange within a community of scholars. Its Fellows have the use of private studies, conference rooms, and a dining area. They are provided with library service and manuscript typing. Each year at the Center approximately 40 Fellows pursue their own research and are free to participate in interdisciplinary seminars, lectures, and conferences. The deadline

for 1981-82 fellowship applications is January 10, 1981. Interested scholars may obtain information and application material from the National Humanities Center, P.O. Box 12256, Research Triangle Park, North Carolina 27709.

The American Antiquarian Society, in order to make more readily available for research its unparalleled resources in early American history and culture, will award to qualified scholars a number of short- and long-term Visiting Research Fellowships during the year June 1, 1981-May 31, 1982. The deadline for receipt of completed applications and three letters of reference is February 2, 1981. Contact the American Antiquarian Society, 185 Salisbury Street, Worcester, Massachusetts 01609.

William Andrews Clark Memorial Library at the University of California, Los Angeles, will grant six Postdoctoral Fellowships for an intensive six-week summer study program on the topic Literature and Science and Medicine, 1660-1800, June 22 to July 31, 1981, to be directed by G.S. Rousseau, Professor of Eighteenth-Century Studies, The University of California, Los Angeles. The Fellows, who will be chosen from applicants not more than five years beyond their doctorate, will meet as a group in a weekly seminar with informal discussions at other times. Two papers from the program will be considered for publication by the Library. The Fellowships are for \$2,500 each, plus a travel allowance within the continental United States. Letters of application, with brief curriculum vitae and full statement of project, should be sent to the Director of the Clark Library, 2520 Cimarron Street, Los Angeles, California 90018. Applications must be received not later than January 23, 1981.

The Research Fellowship, funded by the History of Psychology Foundation and awarded by the University of Akron, is intended to promote research in the history of psychology through the granting of stipends of up to \$750 to aid scholars wishing to utilize the primary resources of the Archives of the History of American Psychology, Bierce Library, University of Akron. Candidates should submit a prospectus of the work planned, a vita, and two letters of recommendation. It is particularly important that there be evidence that the Archives is the most suitable place for the work to be undertaken. Preference will be given to advanced graduate students and younger post doctoral scholars. Deadline is March 1, 1981. Applications should be sent to the chairman of the University of Akron awards committee, Mr. John V. Miller, Jr., Director of Archival Services, University of Akron, Akron, Ohio, 44325.

The National Historical Publications and Records Commission announces the 1980-81 competition for fellowships in historical editing. Participating projects are the Documentary History of Freedmen in South Society, 1861-67 (University of Maryland), the Documentary Relations of the Southwest (Arizona State Museum), the Documentary History of the Ratification of the Constitution (University of Wisconsin), the Papers of Black Abolitionists (Florida State University), and the Documentary History of the Supreme Court, 1789-1800 (The Supreme Court Historical Society). Fellows receive a stipend of \$13,000 and

spend 12 months in training at one of the projects. Candidates should hold a Ph.D. in an appropriate field of history or should have completed all requirements for the doctorate except the dissertation. Competence in Spanish is required for the Southwest fellowship. Applications are available from the NHPRC, National Archives, Washington, DC 20408. Application deadline is March 1, 1981.

The Smithsonian Institution announces its programs of higher education and research training for 1981-82. Smithsonian Fellowships are awarded to support independent research in residence at the Smithsonian Institution using the collections, facilities, and laboratories and pertaining to research interests of the Smithsonian research staff. Proposals for research may be offered in the fields in which the Institution has research strength. Research areas include history of mathematics, physical sciences, medicine and pharmacy, engineering, transportation, agriculture, air and space, and electrical technology, and the history of science in America. Smithsonian Fellowships may be granted to postdoctoral and predoctoral scholars to pursue further training in research. Applications are due by January 15, 1981. Stipends supporting these awards are a minimum of \$14,000 plus allowances for postdoctoral fellows, and a minimum of \$8,000 plus allowances for predoctoral fellows. Awards are based on merit. For more information and application forms please write to the Office of Fellowships and Grants (Desk E), 3300 L'Enfant Plaza, Smithsonian Institution, Washington, DC 20560. Please indicate the particular area in which you propose to conduct research and give the dates of degrees received or expected.

The Andrew W. Mellon Foundation has made available a grant for a continuing post-doctoral fellowship program to assist scholars wishing to conduct research in the manuscript collections in the Vatican Film Library at Saint Louis University. The program is designed to provide travel expenses and a reasonable per diem to scholars with well defined research projects for periods of research in the Vatican Film Library ranging from one full week to eight weeks. Research projects can be scheduled only within one of the following periods: January 15 to May 15, June 1 to July 31, September 1 to December 22. Persons wishing to apply for research support within one of these periods should first write to indicate the exact dates (beginning no later than two years after the date of writing) during which support is desired. Contact the Andrew W. Mellon Fellowship Program, Vatican Film Library, Pius XII Memorial Library, Saint Louis University, 3655 West Pine, Saint Louis Missouri 63108.

The History Committee of the Institute of Electrical and Electronics Engineers announces the availability of a fellowship in the field of electrical engineering history for the academic year 1981-82. This fellowship, funded by a grant from the IEEE Life Member Fund, will consist of a stipend of \$6,500 plus an amount of up to \$2,000 for tuition and fees. The award is open to all students enrolled in an appropriate graduate program at a school of recognized standing. The

fellowship will be administered by the Center for the History of Electrical Engineering. Information and application forms may be obtained by writing to Robert Friedel, Director of the Center, 345 East 47th Street, New York, New York 10017. The deadline is February 1, 1981.

The Eleutherian Mills-Hagley Foundation offers approximately six fellowships each year. Fellows receive a stipend of \$4,000/year in addition to all tuition charges for University of Delaware courses and a travel allowance of \$300. Fellowships may be renewed once for those seeking a terminal master's degree and three times for those seeking the doctorate. Applications should be filed by February 7. For applications and further information write to the Coordinator, Hagley Graduate Program, Eleutherian Mills-Hagley Foundation, Box 3630, Wilmington, DE 19807.

Three government fellowship programs may be of interest to historians of science: The Congressional Science and Engineering Fellowship Program; The Environmental Science and Engineering Fellowships; and The Science, Engineering, and Diplomacy Fellowships. Further information on these may be obtained from Dr. Richard A. Scribner, Science and Policy Programs Manager, American Association for the Advancement of Science, 1776 Massachusetts Avenue, NW, Washington, DC 20036, (202) 467-4475.

DISSERTATIONS

Harvard University, Cambridge

Abdullah Al-Omar, "The Reception of Darwinism in the Arab World." (in progress).

James A. Barham, "Fourteenth-Century Greek Astronomical Tables and Their Relation to Islamic Sources" (in progress).

James J. Bono, "The Languages of Life: Jean Fernel (1497-1558) and Spiritus in Pre-Harveian Bio-Medical Thought" (in progress).

Barbara R. Buck, "Italian Physicists and Their Institutions, 1861-1911." Completed 1980.

Jean A. Christensen, "Aristotle and Philoponus on Light." Completed 1980.

Lorraine J. Daston, "The Reasonable Calculus: Classical Probability Theory, 1650-1840." Completed 1979.

Gregg R. De Young, "The Arithmetic Books of Euclid's Elements in the Arabic Tradition" (in progress).

Katherine P. Dyer, "The Medical Profession in Florence in the Century After the Black Death" (in progress).

John E. Engroff, Jr., "The Arabic Tradition of Euclid's Elements: Book V." Completed 1980.

Peter L. Galison, "The Two Physics: Three Studies in the Interaction of Experiment and Theory in Modern Physics" (in progress).

Continued on page 14.

Pierre d'Ailly. Concepts and Insolubles. Translated by Paul Vincent Spade. (Synthese Historical Library, 19.) xiii + 193 pp., bibl., indexes. Dordrecht: Reidel, 1980.

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Jeannine Alston (Editor). The Catalogues of Archives of Scientists, Compiled by the Contemporary Scientific Archives Centre, 1973-1978, and continuation. Oxford: Oxford Microform Publications, 1979. Microfiche: £25, \$60; Booklet: £4.50, \$10.

An Age of Innovation: The World of Electronics, 1930-2000. By the editors of Electronics. xiv + 274 pp., illus., index. New York: McGraw-Hill, 1980.

The Beginnings of Solid State Physics. (A Symposium organized by Sir Nevill Mott, F.R.S., held 30 April-2 May 1979.) (First published in Proceedings of the Royal Society of London, series A, 371, pages 1-177.) 177 pp. London: The Royal Society, 1980. £9.75.

John Blackmore. The Gibraltar Dialogues: A Philosophy for the Space Age. ix + 239 pp. Lanham, Maryland: University Press of America, 1980. \$9.40 (paper). (Photo-offset from typescript.)

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Burchard Brentjes; Sonja Brentjes. Ibn Sina (Avicenna): Der Fürstliche Meister aus Buchara. (Biographien hervorragender Naturwissenschaftlicher, Techniker und Mediziner, 40.) 100 pp., illus., bibl. Leipzig: Teubner, 1980. DM 5,30.

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William H. Brock; Roy M. MacLeod. Natural Knowledge in Social Context: The Journals of Thomas Archer Hirst FRS. 80 microfiche, 59 pp., bibl., index. London: Mansell, 1980. £168; \$370.

Josef Brozek; Ludwig Pongratz (Editors). Historiography of Modern Psychology. x + 336 pp., index. Toronto: C. J. Hogrefe, 1980.

Marshall Clagett. Archimedes in the Middle Ages. Volume IV: A Supplement on the Medieval Latin Traditions of Conic Sections, (1150-1566). (Memoirs of the American Philosophical Society, 137.) 2 volumes. vii + 566 pp., diags., bibl., indexes. Philadelphia: American Philosophical Society, 1980. \$30.

I. Bernard Cohen. Album of Science: From Leonardo to Lavoisier, 1450-1800. (Album of Science, 2.) xiii + 298 pp., illus., bibl., index. New York: Charles Scribner's Sons, 1980. \$37.50.

Allison Coudert. Alchemy: The Philosopher's Stone. 239 pp., illus., bibl., index. Boulder, Colorado: Shambhala, 1980. \$9.95.

Gordon L. Herries Davies; R. Charles Mollan (Editors). Richard Griffith, 1784-1878. (Papers presented at the Centenary Symposium organized by the Royal Dublin Society, 21 and 22 September

1978.) (Royal Dublin Society. Historical Studies in Irish Science and Technology, 1.) v + 221 pp., index. Dublin: Royal Dublin Society, 1980. £12.

Luke Demaitre. Doctor Bernard de Gordon: Professor and Practitioner. xii + 236 pp., bibl., indexes. Toronto: Pontifical Institute of Mediaeval Studies, 1980.

Kenneth Dewhurst. Thomas Willis's Oxford Lectures. x + 182 pp., illus., index. Oxford: Sandford Publications, 1980. £9.

Arthur Donovan; Joseph Prentiss (Editors). James Hutton's Medical Dissertation. (Latin text and English translation.) (Transactions of the American Philosophical Society, Volume 70, Part 6.) 57 pp. Philadelphia: American Philosophical Society, 1980. \$8.

Paul T. Durbin (Editor). A Guide to the Culture of Science, Technology, and Medicine. xl + 723 pp., bibl., index. New York: Free Press; London: Collier Macmillan, 1980. \$45.

Peter English. Shock, Physiological Surgery, and George Washington Crile: Medical Innovation in the Progressive Era. (Contributions in Medical History, 5.) xi + 271 pp., bibl., index. Westport, Conn.: Greenwood Press, 1980. \$25.

Maurice A. Finocchiaro. Galileo and the Art of Reasoning: Rhetorical Foundations of Logic and Scientific Method. (Boston Studies in the Philosophy of Science, 61.) xx + 463 pp., illus., bibl., index. Dordrecht/Boston/London: Reidel, 1980.

T. W. Freeman. A History of Modern British Geography. ix + 258 pp., 17 maps + diags., biographies, bibl., indexes. London/New York: Longman, 1980. \$33.

Bentley Glass (Editor). The Roving Naturalist: Travel Letters of Theodosius Dobzhansky. (Memoirs of the American Philosophical Society, 139.) 327 pp. Philadelphia: American Philosophical Society, 1980. \$8.

Gary Gutting (Editor). Paradigms and Revolutions: Appraisals and Applications of Thomas Kuhn's Philosophy of Science. vii + 339 pp., bibl. Notre Dame/London: University of Notre Dame Press, 1980. \$18.95 (cloth); \$7.95 (paper).

Hans Hahn. Empiricism, Logic, and Mathematics: Philosophical Papers. Edited by Brian McGuinness, Introduction by Karl Menger. (Vienna Circle Col-lection, 13.) xix + 139 pp., bibl., index. Dordrecht/Boston/London: Reidel, 1980.

Marsha P. Hanen; Margaret J. Osler; Robert G. Weyant (Editors). Science, Pseudo-Science and Society. x + 303 pp. Waterloo, Ontario: Wilfrid Laurier University Press for The Calgary Institute for the Humanities, 1980. \$7.50 (paper).

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Stephen Hawking. Is the End in Sight For Theoretical Physics? An Inaugural Lecture. 26 pp. Cambridge/London/New York/New Rochelle/Melbourne/Sydney: Cambridge University Press, 1980. £1.25.

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Hubert C. Kennedy. Peano: Life and Works of Giuseppe Peano. (Studies in the History of Modern Science, 4.) xii + 230 pp., apps., bibl., indexes. Dordrecht: Reidel, 1980. \$34 (cloth); \$14.95 (paper).

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Reinhard Löw. Philosophie des Lebendigen: Der Begriff des Organischen bei Kant, sein Grund und seine Aktualität. 357 pp., bibl., index. Frankfurt: Suhrkamp Verlag, 1980.

Lu Gwei-Djen; Joseph Needham. Celestial Lancets: A History and Rationale of Acupuncture and Moxa. xxi + 427 pp., 82 figs., 24 tables, bibls., index. Cambridge/London/New York/New Rochelle/Melbourne/Sydney: Cambridge University Press, 1980. \$97.50.

Charles E. McClelland. State, Society, and University in Germany, 1700-1914. 381 pp., bibl., index. Cambridge/New York: Cambridge University

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Pierre Louis Moreau de Maupertuis. Vénus physique, suivi de Lettre sur le progrès des sciences. Introductory essay by Patrick Tort. 171 pp., bio-bibliographie. Paris: Aubier Montaigne, 1980.

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Zhores A. Medvedev. Nuclear Disaster in the Urals. Translated by George Saunders. vii + 214 pp., bibl., apps., index. New York: Vintage Books, 1980. \$2.95 (paper).

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Charles Morazé. Science and the Factors of Inequality. 273 pp., index. Paris: UNESCO, 1979.

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Thomas Nickles (Editor). Scientific Discovery, Logic, and Rationality. (Boston Studies in the Philosophy of Science, 56.) xii + 385 pp., indexes. Dordrecht/Boston/London: Reidel, 1980. \$36.50 (cloth); \$15.95 (paper).

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Charles B. Paul. Science and Immortality: The Eloges of the Paris Academy of Sciences (1699-1791). x + 213 pp., apps., bibl., indexes.

Berkeley: University of California Press, 1980. \$17.50.

Tadeusz Pawlowski. Concept Formation in the Humanities and the Social Sciences. Edited by Jaakko Hintikka, Donald Davidson, Gabriel Nuchelmans, and Wesley Salmon. (Synthese Library, 144.) ix + 229 pp., bibl., indexes. Dordrecht: Reidel, 1980.

Pier Luigi Pizzamiglio. La Raccolta Carlo Viganò: Rasegno di storia delle scienze matematiche e fisiche manoscritti, incunaboli e linquecentine. 219 pp., illus., indexes. Brescia: Editrice la Scuola, 1979.

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Alan Pritchard. Alchemy: A Bibliography of English-language Writings. vii + 439 pp., app., bibls., index. London/Boston/Henley: Routledge + Kegan Paul, with The Library Association, 1980. £75.

Stephen J. Pyne. Grove Karl Gilbert: A Great Engine of Research. (History of Science Series, 2.) xiv + 306 pp., illus., bibl., index. Austin/London: University of Texas Press, 1980. \$20.

Michael D. Resnick. Frege and the Philosophy of Mathematics. 244 pp., bibl., index. Ithaca/London: Cornell University Press, 1980. \$15.

R. W. Rieber (Editor). Wilhelm Wundt and the Making of a Scientific Psychology. (Publications for the Advancement of Theory and History in Psychology.) xii + 252 pp., illus., index. New York/London: Plenum Press, 1980. \$24.50.

R. W. Rieber; Kurt Salzinger (Editors). Psychology: Theoretical-Historical Perspectives. xiv + 304 pp., bibl., indexes. New York/London: Academic Press, 1980. \$21.

Peter Robertson. The Early Years: The Niels Bohr Institute, 1921-1930. Foreword by Aage Bohr. vii + 175 pp., illus., bibl., index. Copenhagen: Akademisk Forlag, 1979.

Margaret W. Rossiter (Compiler). A List of References for the History of Agricultural Science in America. viii + 62 pp., bibls., index. Davis: Agricultural History Center, University of California, 1980.

Hans Schimank; Christoph Scriba. Exakte Wissenschaften im Wandel: Vier Vorträge zur Chemie, Physik und Mathematik in der Neuzeit. 53 pp., illus. Weisbaden: Franz Steiner, 1980.

Jutta Schmidt. Die Umweltlehre Jakob von Uexkülls in Ihrer Bedeutung für die Entwicklung der Vergleichenden Verhaltensforschung. (Dr. rer. nat. Dissertation, Philipps-Universität Marburg/Lahn.) 317 pp., indexes. Marburg: Görlich + Weierhäuser, 1980. (Photo-offset from typescript.)

Fuat Sezgin. Geschichte des Arabischens Schrifttums. Volume VII: Astrologie - Meteorologie und Verwandtes, bis ca. 430 H. xiii + 486 pp., bibl., indexes. Leiden: Brill, 1979.

Katherine Russell Sopka. Quantum Physics in America, 1920-1935. (Ph.D. diss., Harvard University, 1976.) (Three Centuries of Science in America.) xviii + approx. 500 pp., apps., bibl., index. New York: Arno Press, 1980. (Photo-offset from typescript.)

Per Sörbom (Editor). Transport Technology and

Social Change. (Tekniska Museet Symposia, 2.) 296 pp., illus. Stockholm: Tekniska Museet, 1980. \$25.

Martin S. Staum. Cabanis: Enlightenment and Medical Philosophy in the French Revolution. xi + 430 pp., bibl., index. Princeton: Princeton University Press, 1980. \$27.50.

M. A. Stewart (Editor). Selected Philosophical Papers of Robert Boyle. (Philosophical Classics.) xxxi + 255 pp., index. Manchester: Manchester Press; New York: Barnes + Noble, 1979. \$19.50.

Stephen M. Stigler (Editor). American Contributions to Mathematical Statistics in the Nineteenth Century. (Three Centuries of Science in America.) 2 volumes. New York: Arno Press, 1980.

Kenneth E. Studer; Daryl E. Chubin. The Cancer Mission: Social Contexts of Biomedical Research. Foreword by Robert S. Morison. (Sage Library of Social Research, 103.) 319 pp., apps., bibl. Beverly Hills/London: Sage, 1980.

Patrick Suppes (Editor). Studies in the Foundations of Quantum Mechanics. ix + 265 pp., bibl., indexes. East Lansing, Mich.: Philosophy of Science Association, 1980. \$6.

Clifford A. Truesdell. The Tragicomical History of Thermodynamics, 1822-1854. (Studies in the History of Mathematics and Physical Sciences, 4.) viii + 372 pp., 8 figs., bibl., indexes. New York/Heidelberg/Berlin: Springer-Verlag, 1980.

Florence Trystam. Le procès des étoiles. Preface by Haroun Tazieff. 266 pp., illus. Paris: Seghers, 1979.

Michel Vadée (Editor). Science et dialectique chez Hegel et Marx. 114 pp., bibl., indexes. Paris: Editions du Centre National de la Recherche Scientifique, 1980. F 50.

Hugo van Woerden; Willem Brouw; Henk C. van de Hulst (Editors). Oort and the Universe: A Sketch of Oort's Research and Person. vii + 210 pp., illus., bibl., indexes. Dordrecht/Boston/London: Reidel, 1980. \$29 (cloth); \$12.95 (paper).

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Ernest Wolf-Gazo (Editor). Whitehead: Einführung in seine Kosmologie. 167 pp., bibl., indexes. Munich: Karl Alber, 1980.

Harry Woolf (Editor). Some Strangeness in the Proportion: A Centennial Symposium to Celebrate the Achievements of Albert Einstein. xxxi + 539 pp., illus., index. Reading, Mass.: Addison-Wesley, 1980. \$43.50.

Franz M. Wuketits. Kausalitätsbegriff und Evolutionstheorie: Die Entwicklung des Kausalitätsbegriffes im Rahmen des Evolutionsgedankens. (Erfahrung und Denken, 58.) 133 pp., bibl., indexes. Berlin: Duncker + Humboldt, 1980. DM 44.

JOB INFORMATION

Individuals in colleges, universities and other institutions having knowledge of possible or definite job openings are urged to relay such information to the Secretary of the Society, Dr. Sally Gregory Kohlstedt, as soon as possible for publication in the Newsletter. Such sharing of job information is consistent with the general sentiment that members of the HSS express on the desirability of open listing of available positions.

The positions listed are new openings, unless otherwise indicated, that have been brought to the attention of the Secretary. All inquiries should be addressed to the institution having the opening, and only serious and qualified persons should apply. It is assumed that the positions listed are in fact open at the time of publication. The Society, however, can assume no responsibility for the accuracy or currency of the listing.

1. The Charles Babbage Institute, University of Minnesota, Twin Cities

Description: Director. CBI seeks an established historian of science and technology (emphasis in the history of computing or related fields is preferred), or scientist/engineer with demonstrated abilities and achievements in history of computing. Ph.D. or equivalent record of scholarly accomplishment in above field(s) and publications required. Administrative skills required; familiarity with oral history techniques desired. Primary duties are curriculum development, teaching, research, chief executive responsibility for CBI. Tenure or tenure-track position; 12-month appointment. Rank and salary open, depending on qualifications and experience. Applicants should submit dossier, including the names of at least three references. Deadline for receipt of applications is February 15, 1981. EOE.

Contact: Professor Roger H. Stuewer, School of Physics and Astronomy, University of Minnesota, 116 Church Street, S.E., Minneapolis, Minnesota 55455.

2. The Charles Babbage Institute, University of Minnesota, Twin Cities

Description: CBI seeks an Associate Director to assist the Director in all phases of CBI programs. Scientist/engineer with demonstrated abilities and achievements in history of computing, or historian of science and technology (emphasis in the history of computing or related field preferred). Ph.D. or equivalent record of scholarly accomplishment in above field(s) required. Administrative skills required; familiarity with oral history techniques desired. Renewable contract (minimum three years); 12-month appointment. Salary open, depending on qualifications and experience. Applicants should submit dossier, including the names of at least three references. Deadline for receipt of applications is February 15, 1981. EOE.

Contact: Professor Roger H. Stuewer, School of Physics and Astronomy, University of Minnesota, 116 Church Street, S.E., Minneapolis, Minnesota 55455.

3. Clarkson College, Potsdam, New York

Description: Dean of Liberal Studies at Clarkson College. The Dean will serve as director of the newly established Center for Liberal Studies which will integrate the present programs in the humanities and the social sciences. There are presently 30 full-time faculty distributed among the areas of literature, philosophy, history, anthropology, political science and sociology. Economics, psychology and technical communications faculty hold joint appointments within humanities and social sciences. The Dean will have budget authority, reporting directly to the President. This is a new position so that the particular administrative organization will be worked out by consultation among the Dean, Faculty and President. He must have a strong commitment to quality in both scholarship and teaching and should present outstanding personal credentials in both. He should be prepared to work with student groups as well as faculty to develop extracurricular cultural programs within the Center. A complete resume and the names of at least three references should be submitted no later than February 1, 1981. EOE/AA/Title IX.

Contact: Professor Milton Kerker, Chairperson, Dean Search Committee, Clarkson College, Potsdam, New York 13676.

4. California Institute of Technology, Pasadena, California

Description: Andrew W. Mellon Postdoctoral Instructorships in the Humanities. Two-year appointments to begin September 1981. Eligible fields include history of science or medicine since 1800. Appointees expected to conduct research as well as to teach. Preference will be given to those who have received their Ph.D.s or final professional degrees within the last three years. Salary dependent upon qualifications. Send applications, including dossier, letters of recommendation, and statement of research plans by February 28, 1981. EOE/AA.

Contact: Chairman, Mellon Search Committee, Division of Humanities and Social Sciences, California Institute of Technology, Pasadena, CA 91125.

5. California Institute of Technology, Pasadena, California

Description: Tenure-track assistant professor in 19th or 20th century U.S. social or political history. Special consideration given to applicants with training in quantitative techniques, history of science or medicine, history of the Far West, or urban history. Salary competitive with leading universities. Send complete dossiers, including letters of recommendation by February 15, 1981. EOE/AA.

Contact: Chairperson, U.S. History Search Committee, Division of the Humanities & Social Sciences, California Institute of Technology, Pasadena, CA 91125.

6. Rutgers University, New Brunswick, New Jersey

Description: Historian of Science, Department of History. Preference is given to a person in the history of biology or biochemistry with interests in the 19th and/or 20th century. The appointment will be tenure track at a junior level and begins July 1, 1981. Candidates should have substantial interest and capability in undergraduate teaching as well as strong research and publication credentials appropriate

for participation in the department's graduate program. Ability to interact effectively with science faculty and to attract students from science curricula is highly desirable.

Contact: Professor Reese Jenkins, Edison Papers, Rutgers University, One Richardson Street, New Brunswick, New Jersey 08903.

7. Virginia Polytechnic Institute and State University, Blacksburg, Virginia

Description: Visiting Assistant Professor in Center for the Study of Science in Society for academic year 1981-82, to conduct research in science studies and assist in program development. The Center organizes multidisciplinary studies of science and technology in their social and cultural contexts. Research projects addressing ethical issues in Biology, the physical sciences and engineering; social impact of energy development; and similar topics are currently being developed. Planning for a graduate program in science studies is also underway. Candidates must have degree in hand by September, 1981. One year appointment with possibility of renewal. Salary competitive. Applications, including brief description of current research and complete dossier, due by 1 April 1981.

Contact: Arthur Donovan, Director, Center for the Study of Science in Society, Derring Hall, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061. EOE/AA.

8. California Institute of Technology, Pasadena, California

Description: Senior Research Assistant, two-year full-time appointment to assist archivist in preparing the history of Caltech, and in Archives. Opportunity to work with professional staff on oral history project. A Ph.D. in a historical field or equivalent experience is desirable. Science background and familiarity with manuscript collections and research sources for the history of the 20th century science would be helpful. The ability to write clearly and to respect confidentiality of Institute records is required. Salary range is \$13,000 to \$16,000, depending on experience and qualifications. (This job previously announced in the November Job Supplement).

Contact: Judith Goodstein, Archivist, Caltech 1-32, Pasadena, California 91125.

9. University of California, Santa Cruz, California

Description: Visiting professor in the field of Feminist Studies for the winter and spring quarters of the 1981/82 academic year, January to June 1982. Feminism is a major field of study and commitment in the History of Consciousness, an interdisciplinary graduate program which draws its faculty from the natural and social sciences as well as the humanities. The program seeks students who are committed to theoretical and methodological concerns and are engaged in independent research which cannot be accommodated in conventional disciplinary programs. The appointee will teach graduate seminars and undergraduate courses and work with individual students. Ph.D. in natural or social sciences or the humanities required. Substantial publication and teaching experience in feminist interdisciplinary studies. Demonstrated excellence in teaching

and research. Salary range is \$17,000 to \$20,000. Applicants should send a curriculum vitae and the names of at least three professional references who have been asked by the applicant to submit letters of recommendation, and curriculum guides for courses they would like to teach and copies of relevant publications. Closing date is January 15, 1981.

Contact: Professor Donna Haraway, Board of Studies in History of Consciousness, University of California Santa Cruz, California 95064.

10. Center for the History of Electrical Engineering, New York City

Description: Archivist. Primary responsibility for managing an international survey of sources for the history of electrical engineering. Two years of archival experience, preferably with records of an organization-technical nature, and some background in history of technology or science are required.

Contact: Robert Friedel, Director, Center for the History of Electrical Engineering, 345 E. 47th St., New York, New York 10017.

11. Scripps Institute of Oceanography and University Library, University of California-San Diego

Description: Archivist. Responsible for planning and execution of archives program for Scripps; work closely with University library staff. Primary duties include record appraisal, records arrangement and description, records management, archival preservation, and reference and information retrieval. Maintain professional contacts, conducts research and publishes in archives administration, library science or in an appropriate subject field. Master's in relevant subject or library science, formal training in archival management and work experience in a quality institutional archival program, preferably in charge of some segment of that program, are required. Background in science and history of science are desirable. Salary range is \$16,392 to \$21,024. Apply by January 31, 1981.

Contact: Martha Reeve, Assoc. University Librarian, University of California-San Diego, C-075-G, LaJolla, California 92093.

12. Brown University, Providence, Rhode Island

Description: Assistant Professor, History of Modern (i.e. post-Renaissance) Science. The first responsibility of the successful candidate will be to teach a survey course in the history of science; other teaching responsibilities will lie in the area of the candidate's special interests, which may include such fields as the history of medicine or technology. Candidates able to link scientific developments to their larger social and cultural contexts are especially encouraged to apply. Three-year renewable appointment. Applications and supporting documents should be submitted by January 31, 1981. EOE/AA.

Contact: Jerome B. Grieder, Chairman, Search Committee, Department of History, Box 1892, Brown University, Providence, Rhode Island 02912.

(See additional job openings on page 14).

Continued from page 7.

Josephine Gladstone, "The Role of Sea Surgeons in the Dietary Reform of the British Navy from 1746 to 1824" (in progress).

William J. Haas, "Competition or Cooperation: A Comparison of Evolutionary Thought in China and England" (in progress).

Joy D. Harvey, "Société d'Anthropologie de Paris" (in progress).

Margaret E. Humphreys, "Yellow Fever in America, 1875-1905" (in progress).

Yitzhak Tzvi Langermann, Ibn Al-Haytham's Hay'At Al-^CAlam: Edition, Translation, Variants, Commentary and Glossary." Completed 1979.

Patri J. Pugliese, "The Method of Mechanics of Robert Hooke" (in progress).

Faiz Jamil Ragep, "Nasir al-Din al-Tusi's Astronomical Work, Al-Tadhkira: An Edition, Translation and Commentary" (in progress).

Margaret Schibuk, "The Prevention of Smallpox: A Case Study of Transformation as a Model for Scientific Change" (in progress).

Joan L. Richards, "Non-Euclidean Geometry in Nineteenth-Century England: A Study in Changing Perceptions of Mathematical Truth." Completed 1980.

John H. Warner, "Medical Therapeutics in Boston, Cincinnati and New Orleans: 1820-1885" (in progress).

Neil H. Wasserman, "The Bohr-Kramers-Slater Paper and the Development of the Quantum Theory of Radiation in the Work of Niels Bohr" (in progress).

Yale University, New Haven

Allan A. Needell, "Irreversibility and the Failure of Classical Dynamics: Max Planck's Work on the Quantum Theory 1900-1915." Ph.D. completed, 1980.

MUSEUM NEWS

The Mariners' Museum, Newport News, Virginia, has a new photographic exhibition, Hampton Roads in the 20's and 30's, which opened in mid-November 1980 and continues through June 1981 in the Special Exhibits Gallery of the Museum. The Museum has also been awarded a grant by The Andrew W. Mellon Foundation to increase scholarly access to and the usefulness of its collections. The grant will be used over a period of three to five years to complete a catalogue and index of the curatorial collections, and a catalogue and index of one of the Museum's major photograph collections known as the Levick Collection.

ADDITIONAL JOB OPENINGS:

Rutgers University, New Brunswick, New Jersey

Description: Editorial Assistant for 10-12 weeks in the summer of 1981. Work with senior professional staff in preparation of materials for the microfilm and book editions of the Thomas A. Edison Papers. The person should have a background and interest in the history of science, technology, and business in the era of Edison. EOE/AA.

Contact: Thomas A. Edison Papers, One Richardson Street, Rutgers University, New Brunswick, New Jersey 08903. Application deadline is March 15, 1981.

University of Washington, Seattle

Description: Assistant Professor, Department of Biomedical History, School of Medicine, for the academic year 1981-82. Applicants must possess the doctoral degree, and the desired field of specialization is the history of biology. EOE/AA.

Contact: Charles W. Bodemer, Chairman, Department of Biomedical History SB-20, School of Medicine, University of Washington, Seattle, Washington 98195.

The Program for Soviet Emigre Scholars has a new registrant, Ekaterina Miljutina, a historian of geophysics, specializing in seismic investigations of the upper mantle. She has a doctoral degree from the USSR Academy of Sciences Institute for the History of Science and Technology, and was a senior editor and researcher at the USSR Geophysical Committee in Moscow. She has written one book and many articles in her field, as well as edited over 60 books. Her current address is:

Ekaterina Miljutina
111 Ellwood Street, #5E
New York, New York 10040
(212) 942-0706

FINAL ADDITION: JOB OPENING

Cooper Union, New York City

Chairperson, Humanities Department. Small, private non-resident college with professional undergraduate schools of Architecture, Art, and Engineering. Tuition-free: competitive admissions, able, purposeful students. Department of 7 full-time and 14 adjunct faculty provides required and elective courses. Candidate must have academic credentials and leadership abilities. Contact Brian Swann, Search Committee, Humanities Dept., The Cooper Union, New York, New York 10003.

SYLLABUS CLEARINGHOUSE FORM

Committee on Undergraduate Education of the History of Science Society

The Committee on Undergraduate Education is aware that many instructors who wish to introduce history of science courses into their department curricula, and/or to improve existing courses, are not familiar with courses that already exist. Often outlines and other information from such courses are essential to the success of your colleagues endeavors.

In order to facilitate this important exchange of outlines, the Committee has established a Syllabus Clearinghouse. We have a record of available course outlines. Instructors who ask us for outlines in given area(s) will be sent the names and addresses of those who are willing to make their outlines available.

If you wish to participate in this project, please fill out the form below and return it as indicated. This form can be used either to submit information regarding a course for which you are willing to provide a syllabus or to request the addresses of colleagues who will provide syllabi for their own courses.

() Yes, I am willing to provide a syllabus for my course.

() Please send me addresses of colleagues who can provide outlines for courses described below.

Signature: _____ Date: _____

Print Name: _____

Institution: _____

Address: _____

Phone: _____

COURSE NUMBER AND TITLE: _____

* If defining a course for which you can provide a syllabus please limit yourself to a single type, topic, period, and area. If requesting information select as many categories as seem appropriate.

* COURSE TYPE () INTRODUCTORY SURVEY () ADVANCED LECTURE () SEMINAR/COLLOQUIUM

* TOPIC () Broad Survey () Astronomy () Medicine
 () Physical Sciences () Biology () Meteorology
 () Biological Sciences () Chemistry () Physics
 () Social Sciences () Geology () Other (specify)
 () Technology () Mathematics _____

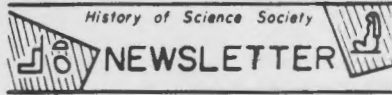
* CHRONOLOGICAL PERIOD

() Ancient to Modern () Medieval () 20th Century
 () Ancient to 17th C. () Ancient & Medieval () Other (specify)
 () 17th C. to Present () Scientific Revolution _____
 () Ancient () 18th & 19th Centuries

* GEOGRAPHIC AREA () Entire World () North America
 () "Western World" () Latin America
 () Europe (including USSR) () Africa
 () Asia (including Australia & Oceania)

If a course concerns a specific national science, specify nation below and check appropriate box above.

Please send this form to: Professor Stephen C. McCluskey
 Program in the History of Science & Technology
 Woodburn Hall
 West Virginia University
 Morgantown, West Virginia 26506



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