

HISTORY OF SCIENCE SOCIETY NEWS

The 1982 annual meeting of the History of Science Society will be held in Philadelphia, Pennsylvania October 27-30. A second call for papers invites submissions for the Works-in-Progress sessions. Proposed papers should be approximately fifteen minutes in length. The submission should consist of a brief abstract and vita. In addition submissions are invited for thematic presentations, some of which might include: the emergence of hybrid disciplines; theory and practice, interchange between science and technology; statistical methods in the sciences; evolutionary theory after Darwin; relations between physics and mathematics in the 19th century; American scientific institutions since the Civil War; sciences and colonization; eugenics; national styles and comparisons; and concepts of social science. Please submit proposals by March 1 (earlier if possible) to Robert Kargon or Owen Hannaway, Program Co-Chairpersons, Department of History of Science, Johns Hopkins University, Baltimore, Maryland 21218. Local Arrangements Chairperson is Henrika Kuklick, Department of History and Philosophy of Science, University of Pennsylvania. Further information on the annual meeting will be given in subsequent issues of the Newsletter.

Prize winners were named at the annual meeting of the Society in Los Angeles, December 1981. Charles Coulston Gillispie was awarded the Pfizer Prize for Science and Polity in France at the End of the Old Regime, published in 1980 by the Princeton University Press. The Pfizer Prize is awarded for the best work related to the history of science written by an American or Canadian citizen and published in the preceding three years. Betty Jo Dobbs chaired the Pfizer Committee. The Schuman Prize was awarded to Larry Owens, Department of History and Philosophy of Science at Princeton University, for his essay, "Pure and Sound Government; Laboratories, Lecture Halls, and Playing Fields in Nineteenth Century American Science." The Schuman Prize is awarded annually for the best essay in the history of science by a graduate student. Lorraine Daston chaired the committee. The Zeitlin-Verbrugge Prize was awarded to Linda E. Voigts, Department of English, University of Missouri, Kansas City, for her article, "Anglo-Saxon Plant Remedies and the Anglo-Saxons," published in Volume 70 (1979) of Isis. This prize was established by the Council to honor 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 Lecture, presented at the American Association for the Advancement of Science meeting, was given by Henry Guerlac of Cornell University.

The Sarton Medal, the highest honor given by the Society for distinguished contributions to the history of science, was presented by HSS President Frederic L. Holmes to A. Rupert Hall and Marie Boas Hall at the XVI International Congress of the History of Science in Bucharest, Romania.

A full statement about the annual meeting of the Society, including discussion of the prize selections, will be published in Isis. Minutes of the Business Meeting for 1981 are available from Sally Gregory Kohlstedt, Secretary of the Society.

The Nominating Committee will accept recommendations from members until March 1 for the Council and the Nominating Committee. Members of this year's Nominating Committee are Stephen Brush, Joe Burchfield, Michael Crowe, Daniel Kevles, and David Lindberg.

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 in 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. It has traditionally been given to senior scholars, without regard to their nationality or their field of speciality. Please submit as much information as possible about the scholar nominated.

The Isis office announces that, beginning with the 1981 issue, the annual Critical Bibliography is being processed by computer. In the long run, this procedure will simplify the compilation of the decennial issues of the Isis Cumulative Bibliography, reduce costs, and give the Society new options as it seems to serve members' needs for bibliographical information. In the short run, there are certain inevitable delays associated with the introduction of a new technology. It is expected that the 1981 Critical Bibliography (Isis, volume 72, number 265) will be mailed to History of Science Society members in the spring of 1982.

The Employment Market Survey for 1980 - 1981, compiled by Edith Sylla for the History of Science Society Committee on Women, begins on page 4 of this newsletter. The annual report is an official activity of the History of Science Society. It presents in detail the changing job market and the educational credentials required of current candidates in the history of science, technology and medicine.

Susan Faye Cannon

The History of Science Society has learned with regret of the death of Susan Faye Cannon on November 4, 1981. A former member of the HSS Council, Cannon was awarded the 1979 Pfizer Prize for Science and Culture: The Early Victorian Period.

CONFERENCES AND MEETINGS

The twenty-fifth annual Missouri Valley History Conference will be held in Omaha, Nebraska on March 11-13, 1982. Papers and sessions are presented on topics in virtually every field of history, in various area and interdisciplinary studies, and on questions of research, quantification, and teaching methodology. For further information contact Professor Bruce M. Garver, Department of History, University of Nebraska at Omaha, Omaha, Nebraska 68182.

Historians of planning are holding a luncheon at the meeting of the Organization of American Historians in Philadelphia at the Franklin Plaza Hotel, noon, Friday, April 2, 1982. The luncheon is sponsored by the Planning History Group. John L. Hancock, University of Washington, will preside, and Blaine A. Brownell, University of Alabama at Birmingham, will present an address on "Planning History and Planning Policy." There will be a short meeting afterward for organizational purposes. For additional information contact Mark H. Rose, University Program in STS, Department of Social Sciences, Michigan Technological University, Houghton, Michigan 49931, 906-487-2115; or William H. Wilson, Department of History, North Texas State University, Denton, Texas, 817-788-2034.

The American Society of Civil Engineers announces that "Geotech II" will be held on April 26-30 at Caesar's Palace Hotel, Las Vegas, during ASCE's annual spring convention. The conference will include in-depth discussions of the latest technology on dam construction, soil improvement, reinforcement, underground construction, control of water, hazardous waste disposal, deep foundations and many more key topics. For more information, contact Elizabeth Yee, manager, ASCE Conference Services, 345 East 47th St., New York City, New York 10017; (212) 644-7544.

The Midwest Victorian Studies Association will hold its annual meeting April 30-May 1, 1982 in conjunction with the Theatre History Conference at the Theatre Research Institute, Ohio State University, Columbus, Ohio. The topic will be Victorian Humor. For more information write to Frederick Kirchhoff, Department of English and Linguistics, Indiana University-Purdue University at Fort Wayne, Fort Wayne, Indiana 46805.

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.

The Annual General Meeting of the British Society for History of Science will be held at UMIST on May 15, 1982. Papers will be grouped around the presidential address, provisionally entitled "The Manchester of Alsace: Science, technology and social order in 19th century Mulhouse." For further information contact Dr. Peter Collins, 10 Woodville Gardens, London W5 2LG.

A colloquium related to the history of particle physics will be held in Paris, Collège de France, on July 21-23, just before the 21st International Conference on High Energy Physics. The period under consideration will cover the thirties to the fifties when particle physics emerged as an autonomous field from nuclear physics and cosmic ray physics and when its foundations were established. The program will include some of the main discoveries, the origin and evolution of some of the concepts, field, theories, and technical methods that appeared or developed at that time as well as the role played by institutions. For further information contact the Colloque International sur l'"histoire de la Physique des Particules, Marie-Simone Detoeuf, 20 rue Berbier du Mets, 75013 Paris.

The U.S. Commission on Military History is planning a 1982 Washington Colloquy, on the theme "Soldier-Statesmen of the Age of the Enlightenment," at the Smithsonian Institution's National Museum of American History in Washington, D.C. on July 25-30. This colloquy will be coordinated with the U.S. Army Military History Institute's conference to be held on August 1-4 at Carlisle Barracks, PA on the theme, "The Impact of Unsuccessful Military Campaigns." Further information on the colloquy can be obtained from Charles von Luttichau, Secretary General, U.S. Commission on Military History, U.S. Army Center of Military History, 20 Massachusetts Avenue, Washington D.C. 20314.

The Seventh Annual European Studies Conference will be held on October 7, 8, and 9, 1982 in Omaha, Nebraska. This conference is an interdisciplinary meeting with sessions devoted to current research on Europe from the Atlantic to the Urals. Sample areas of interest include the arts and literature; science and technology; languages; issues in cultural, political, economic, social or military areas; business; and philosophy. Abstracts of papers or suggestions for panels should be submitted by May 1 to Professor Karen Soukup, Department of Foreign Languages, or Professor Julia Curtis, Department of Dramatic Arts, University of Nebraska at Omaha, Omaha, Nebraska 68182.

The Ninth Annual Saint Louis Conference on Manuscript Studies will be held at St. Louis University on October 15 and 16. 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.

The American Society for Aesthetics will hold their 40th Annual Meeting on October 27-30, 1982 in Banff, Alberta, Canada. Suggested topics are Art, Science and Technology, The Place of Museums, and Architecture and Landscape Design. Papers should be approximately 20 minutes reading length. Proposals for Symposia and Discussion sessions will also be considered. Please send three copies before April 1, 1982 to Hilde Hein, Department of Philosophy, Holy Cross College, Worcester, Massachusetts 01610.

A joint international meeting on the History of Vertebrate Palaeontology-Collecting, Collectors, and Curation will be held on the 8th and 9th of September

An Open Letter from THE BRITISH SOCIETY FOR THE HISTORY OF SCIENCE

President:

Robert Fox
Department of History
University of Lancaster
Lancaster LA1 4YG
England

Hon. Secretary

Geoffrey Cantor
Department of Philosophy
University of Leeds
Leeds LS2 9JT
England

The British Society for the History of Science would like to alert the international community to developments in Britain which will have far-reaching and irreversible consequences for the history of science. The present government decided some months ago to reduce substantially the funding for the British university system involving an overall reduction of at least 10% over the next three years, while the number of undergraduates will be reduced by some 12,000 (5%). British universities are centrally funded, each university receiving its monetary allocation and target for student numbers from a body called the University Grants Committee. In July, the U.G.C. issued its projections for the next three years: some universities are being asked to make small financial savings but others, indeed the majority, have been told to cut back by a considerable amount.

Since universities are labour intensive, the system will have to shed a substantial number of staff. At some places this may be achieved through voluntary redundancies and early retirement. But in most universities there will have to be forced redundancies. The security offered by "tenure" has yet to be decided in the Courts, but it seems inevitable that many tenured academics will be forced to leave their posts, and some pessimists have even suggested that at least one university will close through bankruptcy.

Currently the situation is far from clear, but it appears that each university is making contingency plans for sacking staff; the University of Aston for example has planned to lay off 350 people including 150 academics, while the University of Aberdeen, which has three historians of science, is planning a cutback of 200 academics. One imagines that the scenario in each university will be different; the decision as to who will be laid off and which departments will close will be made at a local level and thus depend on parochial politics. However, given the governmental directive to cut back on Arts and Social Science and a power structure which favours large teaching units, it is certain that minority subjects, like the history of science, will be especially hard hit. Indeed, from such general considerations it appears not improbable that history of science will be forced to contract drastically over the next three years.

The British Society for the History of Science has set up a working party to monitor the situation. As one of our initial tasks, we should like to inform historians of science abroad about what is occurring in British universities. While we appreciate that academics in most countries are facing increasing financial difficulties, we should like to suggest two ways in which the international history of science community might be of assistance. First, since student numbers are going to be important, it would be helpful if more foreign graduates and undergraduates could spend part of their studies at one of the more hard-hit universities. Since foreign students are not limited by the Government's quota, the more foreign students attending British universities the smaller will be the financial squeeze imposed. Secondly, each university will decide who is to be fired and decisions will often be taken by those ignorant of the history of science. When a historian of science comes under threat it may be crucial to bombard his institution with letters of support from leading academics not only in Britain but particularly in other countries. If therefore, you hear of a historian of science whose job is in jeopardy, we would request that you respond immediately with letters of support.

Any assistance you can give us in these matters will be most gratefully appreciated.

Editor's note: Since the above letter was received, we have heard from several people and departments that in some cases entire programs are being eliminated and faculty terminated. Members are encouraged to write letters of support. For more information on programs known to be affected, contact the History of Science Society secretary.

1982 at the British Museum (Natural History), Cromwell Road, London SW7 5BD and the Geological Society of London, Burlington House, Piccadilly, London W1V 0JU. For further details contact the Conference Secretary, R.J. Cleevely, Department of Palaeontology, British Museum, Cromwell Road, London SW7 5BD England.

The 1982 annual meeting of the American Historical Association will be held in Washington, D.C. December 27-30. Deadline for submitting proposals is February 15. The Program Committee Chair is David Herlihy, Department of History, Harvard University, Cambridge, Massachusetts 02138.

A symposium commemorating the bicentennial of the birth of C.S. Rafinesque will be held in October 1983 at Transylvania University. Especially welcome are papers on the neglected aspects of Rafinesque's career. Among these might be his place in 19th century science; his interests in prehistory and

ethnology; his work in linguistics, poetry, economics; the little-known last five years not covered in his autobiography. Because taxonomy, especially in botany, was his lifelong preoccupation, papers on his contributions in the life sciences are also welcome, including his theories on biosystematics, and bibliographical studies of his technical publications. Enquiries may be sent to Dr. Charles Boewe, 311 Morrison, Transylvania University, Lexington, Kentucky 40508.

The Division of History of Physics of the American Physical Society will hold a symposium on the fiftieth anniversary of the discovery of the neutron, at San Francisco, January 26, 1982. Participants are Lawrence Badash, "Nuclear Physics in Rutherford's Laboratory Before the Neutron"; Maurice Goldhaber, "Fifty Years of Neutrons; Some Personal Reminiscences"; Joan Bromberg, "The Impact of the Neutron: Bohr and Heisenberg"; Eugene P. Wigner, "The Neutron and Nuclear Forces"; and Laurie Brown, Chair. There will also be a session to commemorate the fiftieth anniversary of Lawrence Radiation Laboratory, U. California, Berkeley and Kellogg Radiation Laboratory at Caltech.

EMPLOYMENT MARKET REPORT FOR JOBS BEGINNING 1981-82
This report is based mainly upon the job advertisements found in the American Historical Association's Employment Information Bulletin (EIB) that mention the history of science, technology or medicine (hereafter HSTM) or that seem appropriate to people trained in those fields. Included in the category of "permanent positions" are tenure track positions and positions that appear to have a duration of at least three years. "Temporary positions" include visiting and short term professorships, fellowships, and research assistantships.

There were 31 permanent positions advertised (see chart following report). Of these 6 went to women and 16 to men while 8 remained unfilled and 1 unreported, so that women accepted 27% of the positions known to be filled, down from 33% last year. There were 23 temporary positions advertised, or 31 positions taking account of cases where there was more than one successful applicant. Of these 7 went to women and 17 to men, while 6 remained unfilled and 1 unreported, so that women accepted 29% of the positions known to be filled, down from 33% last year. The balance of the applicant pools between men and women varied between the pool for a military history position at one extreme (100% male) and the pool for positions in feminist studies (97% female). If one neglects the problem of a single applicant for several jobs and divides the number of applications from women by the total number of applications, women appear to form 22% of the applicant pool, so that the percentages of jobs obtained by women appear to be somewhat higher than their representation in the applicant pools, but this neglects the considerable variation from job to job and various statistical uncertainties.

To a question about minority applicants, many respondents said they did not know whether there had been any. Estimates of minority applications ranged from 0 to 6. At least two jobs went to non-U.S. or Canadian citizens. Overall 22 permanent and 23 temporary positions were filled this year as compared to 24 and 12 positions, respectively, reported in last year's survey. In general the response to this year's survey was excellent with only 2 institutions ultimately failing to respond in some way to our questionnaire, for a response rate to 96% up from 75% last year.

Within this broad picture further details may be worth examining. For instance, in 1980-81 the record of specialists in HSTM accepting jobs in fields other than university teaching was spotty. Including both permanent and temporary positions, there were 3 archival positions advertised. Of these none went to people in HSTM, two going to archivists and one remaining unfilled. Comments included, "Not a single application was received from an individual with history of science/technology training. The field of archives is a very important source of jobs for historians, and history of science and technology graduate programs are remiss for not introducing their students to it. An applicant with a decent history of science and technology background and both interest in and exposure to archives would have gotten this job very easily" and "Most candidates were reluctant to take the job, fearing that their research would go unrecognized." Thus through choice or lack of preparation, archives was not a source of new employment for specialists in HSTM during 1981-82. On the other hand, of the 3 editing jobs and 3 museum jobs filled for the year, all 6 went to specialists in HSTM, including individuals from all three fields included in HSTM.

With regard to teaching jobs, most institutions were satisfied with the pool of candidates they had to choose from. For narrowly defined HSTM positions a typical comment was "The 'pool' seemed to us both unexpectedly large and on the whole quite strong." Institutions desiring HSTM with something else were less enthusiastic, either criticizing graduate training in HSTM as too narrow or, at the other extreme, saying, for instance, "Most applicants forced their credentials to fit the description. Some who had worked for research projects related to science and technology tried to sell themselves as historians of science." There is a perceived shortage of well-trained historians of technology. Typical comments were "we hoped to get technology, but settled for history of science" and "few [candidates] had. . . qualifications for history and history of technology pre-1800."

How does the situation vary as one turns from jobs specifically in HSTM to jobs less tightly tied to those fields? To explore the answer to this question each job was roughly categorized according to the following scheme:

- I. Jobs for which the stated field requirements include only HSTM.
- II. Jobs for which the stated field requirements include HSTM along with other field requirements such as archives expertise or ability to teach Western Civilization.
- III. Jobs for which the stated field requirements include HSTM as a possible alternate field of specialization.
- IV. Jobs for which HSTM was not mentioned in the advertisement, but the ad appeared in the HSS Newsletter or the area appeared to be one for which HSTM specialists might be well suited.

Of the 18 category I or II permanent positions (i.e. those most closely tied to HSTM), 5 went to women and 10 to men, with 3 remaining unfilled, so that women accepted 33% of the filled positions. Of the 14 category III or IV permanent positions advertised 1 went to a woman and 6 to men, with 6 jobs remaining unfilled and one school not responding, so that women accepted only 17% of the positions known to be filled. Of the 13 category I or II temporary positions, 2 went to women and 10 to men with 1 remaining unfilled and no reply from one institution, so that women received 17% of the jobs for which there is information. Of the 17 category III or IV temporary positions, 5 went to women and 7 to men, with 5 positions unfilled, so that women obtained 42% of the positions filled. Overall, then, there was a small difference in percentage of women hired between the jobs more specifically within HSTM and those more broadly defined, with women receiving 26% of the jobs in categories I and II and 32% of the jobs in categories III and IV.

More striking was the variation in fields of advanced degrees. Of the 15 persons hired for category I and II permanent jobs, 10 had Ph.D.s and 2 had all but the dissertation with special fields in HSTM, while 2 had Ph.D.s in other historical fields and one person had a master's degree in history and archives training. In other words, on the whole specialists in HSTM were hired for those jobs specifically keyed to HSTM, though there was one case where the comment was made that "There is an insufficient pool of students with excellent training in history of technology. The best candidates have switched over from general history or history of science" and a social historian "retreaded" to history of technology was hired.

On the other hand, of the 7 ca permanent jobs filled, none was filled by a person known to be a specialist in HSTM, though one may have had such training. Two of these jobs were advertised in the HSS Newsletter. In one case archival credentials apparently took precedence over the desire for background in science of HSTM (this seems to happen more often than not). In another case of a job advertised in the Newsletter, the successful applicant replied to the survey with the statement that "the position is in any case radically different from those you are concerned with in your survey." Of the 5 advertisements appearing only in the EIB but mentioning HSTM, a typical one read, "Western Civilization and courses in two specialty fields, preferably in early Modern Europe (French or German) history of science, Far East or Middle East." A typical comment was "For a position requiring a broad background in Modern Europe the history of science candidates were generally much too narrowly trained. They should have a general enough background to teach at least introductory courses in European or American history."

Of the 11 successful applicants for category I and II temporary jobs, all seem to have had specialties in HSTM; 6 had Ph.D.s and 5 were still working on the doctorate, the latter group including 3 males and 2 females. Of the 12 successful candidates for category III and IV temporary positions, 4 had degrees in HSTM and 8 did not. Comments included "no history of science people applied despite the ad in the Newsletter," "We would be interested in finding people with graduate training in a field of

science or engineering who then went on into the social dimensions of their fields," and "We were looking specifically for someone who had a background both in the sciences and in history of science or technology. Also communications skills were very important."

The failure of HSTM candidates to obtain the more generally defined positions may be partly attributable to greater competition in terms of numbers of applicants for jobs where several fields are possibilities. One respondent commented, "Pool of candidates was excellent. None was prepared to teach history of science." On the other hand, many job openings do seem to require that the successful applicant have expertise in traditional fields of history as well as in HSTM. In one case where no suitable candidate was found the respondent commented that "If we are to have historians of science or technology here . . . it is virtually a requirement that they must share the load of general historical teaching." In another case the comment was "small schools cannot really hire someone committed to a single exclusive area." Though one might well argue that specialists in HSTM are often not as narrowly trained as other historians may perceive them to be, there remains the problem of what the person hired is to teach to make up a full teaching load.

This survey was compiled by Edith Sylla (History Department, North Carolina State University) for the HSS Committee on Women. It is an official function of the HSS. We would like to thank those who participated and would appreciate hearing about any jobs that were filled last year but not covered by our survey.

EMPLOYMENT MARKET REPORT FOR JOBS BEGINNING 1981-82

Institution	Classification of job (I) and major fields	Level	#Appl. (2)	Male (2)	Female (2)	Person hired (Sex, highest degree, field of degree)
<u>Permanent positions</u>						
Brown	I. Post Ren. sci.	Asst. 3 yr. ren.	60	40	20	Female, Ph.D. hist. of sci. (mathematics)
Cal-San Diego (Scripps Inst. Oceanog. Library)	III. Archives & rel. subj.	Archivist	36	23	13	Female, M. Lib. Sci.
Cal Inst. Tech.	III. U.S. Soc. or Pol. Hist.	Asst.	170	135	31	(3)
Cent. Hist. Elect. Engineering	II. Archives, hist. tech./sci.	Archivist	10	8	2	Female, M.A. Hist. & archives training
Clarkson	II. European hist. of sci. & West. Civ.	open	18	11	7	Female, A.B.D., hist. of sci. (20th cent. bio.) (4)
Clarkson	IV. Liberal Studies	Dean				
Cooper Union	IV. Humanities	Chair				Male
Duke	II. Military & technology	open	62	62	0	Male, Ph.D. military history (2nd field tech.) (3?)
Florida Inst. Tech.	II. hist. sci. & interdis. hum.	Asst./Assoc.	14	11	3	
Georgetown	II. Europ. Intel. emph. hist. sci. & tech.	Asst.	62	56	6	Female, Ph.D. history (H. of sci. & intel)
Hampden-Sydney	III. West. Civ. & varia	Asst./Assoc.	99	81	18	Male, Ph.D. Early Mod. French & intellectual
Hollins	III. Med. Ref. Eur., Brit. Sci.	open (asst)	80	54	26	Male, Ph.D. British Hist.
Houston	III. U.S. Soc., 19-20th cent. asp. hist. med.	open	26	22	4	Male, Ph.D. hist. (field not indicated)

Institution	Classification of job (1) and major fields	Level	#Appl. (2)	Male (2)	Female (2)	Person hired (Sex, highest degree, field of degree)
Howard Dittrick Mus. Hist. Med.	II. hist. sci., tech. or med.	Assoc. Curator	4	1	3	Male, A.B.D., hist. of tech.
Ill. Inst. Tech.	I. hist. tech.	Asst./ Assoc.	17	15	2	Male, Ph.D. history
Johns Hopkins	I. hist. bio.	Asst.	21	10	11	Female, Ph.D. hist. biology
Midwestern State	III. Mod. Europe	Assoc.	50	47	3	(3)
Millersville State	III. U.S. hist. & early civ.	Inst./ Asst.				(3)
Charles Babbage Inst. (U. Minnesota)	II. hist. of computing	Assoc. Dir.				(4)
Charles Babbage Inst. (U. Minnesota)	II. hist. of computing	Director	15	13	2	Male, Ph.D. Hist. of sci. & technology
Montreal	III. pol. sci. & tech. of Canada	open	21	20	1	(3)
Nebraska-Lincoln	II. h. esp. mod. sci. West. Civ.	Asst.	32	18	14	(3)
N.C. State U.	III. Mod. Europe (poss. H. bio)	Asst.	101	79	22	Male, Ph.D. French Intell. hist.
Rutgers	I. His. mod. sci. esp. bio.	Asst.	28	17	11	Male, Ph.D. hist. of biology
Smithsonian, Henry papers	I-II. hist. phys. sci. or Am. sci.	Asst. editor	72	51	21	Male, Ph.D. hist. of sci.
Spelman	III. Eur. since 1500 & varia	Asst.	200	185	15	(4)
Texas A & M	II. Technology & Amer. survey	Asst.	14	13	1	Male, Ph.D. his. of tech.
Texas A & M	III. Amer. seapower & hist. of tech.	Asst.	18	16	2	Male, Ph.D. naval hist.
Toronto	I. hist. of mod. physics	Asst.	8	7	1	Male, Ph.D. hist. physics
V.P.I.	II. h. of tech. & sci. or U.S.	Asst.	24	20	4	Male, Ph.D. hist. sci. & tech.
<u>Temporary positions</u>						
U. Cal. Santa Cruz	IV. Feminist Stud.	Vis.Prof.	30	1	29	a. Female, Ph.D. anthrop. b. Female, Ph.D. literature
Cal. Inst. Tech.	III. Humanities	Postdoc. Instrs.	66	48	18	a. Male, Ph.D. quant. history b. Female, Ph.D. medieval hist. c. Male, Ph.D. hist. of science
Cal. Inst. Tech.	III. hist. of Caltech, archi.	Sen. Res. Asst.	4	3	1	(3)
Franklin & Marshall	I. his. of sci. tech., pub. pol.	vis. fellow Asst.Prof.	12	8	4	Male, A.B.D. hist. of science
U. Ill. Urbana	II. hist. solid state physics	Postdoc. res. assoc.	9	6	3	Male, Ph.D. hist. with spec. hist. of sci. & physics
Johns Hopkins	I. hist. of sci. based tech.	Mellon scholar	20	17	3	Male, Ph.D. hist. of tech, sci. based industry
M. I. T.	III. sci. tech. & society	fellows	203	171	32	a. Male, Ph.D. his. of tech. b. Male, Ph.D. history c. Male, Ph.D. physics d. Female, Ph.D. his. of tech. e. Male, Ph.D. history
Minnesota	II. tech. & West. Civ.	open	9	7	2	(3)
Minnesota	I. his. of elect. etc.	junior fellowship	3	3	0	Male, A.B.D., hist. of sci.
Montreal	I. sci. & cult. imperialism	postdoc. res. assoc.	2	2	0	Male, Ph.D. hist. of science
Mus. Sci. Ind. (Chicago)	III. rec. sci. tech. devel.	researcher	36	18	18	Male, Ph.D. hist. of science
New South Wales	I. soc. rel. sci	lecturer	7	5	2	Male, A.B.D. hist. of science

Institution	Classification of job (1) and major fields	Level	#Appl. (2)	Male (2)	Female (2)	Person hired (Sex, highest degree, field of degree)
Oberlin	IV. envir. stud.	open	70	55	15	(4)
Oklahoma	I. hist. of sci.	open	17	14	3	Male, Ph.D. history, spec. in history of science
Rutgers, Edison papers	I. hist. of sci. tech. business	editorial assistant	2	1	1	a. Male, M.A. hist. of tech. b. Female, M.A. hist. of sci.
Shimer	IV. Great Books	open				(3)
Smithsonian	III. hist. elect. & radio		25	12	13	(3) cancelled
Smithsonian	III. transport.		45	26	19	(3) cancelled
SUNY Centr. for Photo. Medicine	II. Soc. hist. hist. of med.	research 2-yr.				Male, Ph.D. hist. of medicine
Toronto	I. Med. & Ren. technology	Asst.	1	1	0	Male, Ph.D. med. hist. spec. Med. Ren. technology
V. P. I.	III. Science in soc.	Asst. Dir.	35	30	5	Female, Ph.D. sociol. of science
Worcester Poly. In.	I. hist. Amer. sci. & tech.	open	5	4	1	Female, A.B.D. hist. of sci.? (5)
<u>No response</u>						
N. J. Inst. tech.	III. tech. hist. hum. seq.	tenure track				
U. Washington	I. hist. of bio.	Asst. 1 year				

Notes: (1) For the meaning of the Roman numerals signifying job classifications see the preceding text.
(2) These numbers may be approximate.
(3) Position not filled, often because the position was not funded or because the position was redefined.
(4) Search continuing when questionnaire returned.
(5) Volunteered report concerning job not advertised in Newsletter.

APPOINTMENTS AND PROMOTIONS

Paul A. Hanle has been appointed Chairman of the Department of Space Science and Exploration of the National Air and Space Museum, Smithsonian Institution.

Arnold Thackray has been elected to a two-year term (1982, 1983) as President of the Society for Social Studies of Science.

AWARDS AND HONORS

I. Bernard Cohen, Victor S. Thomas Professor of the History of Science, Harvard University, has been elected a foreign member (Corresponding Fellow) of the British Academy. The British Academy was founded in 1901 to be a "society representative of Historical, Philosophical, and Philological Studies" in the way that the Royal Society "represents 'Natural Science.'"

Charles C. Gillispie was invited to make a visit to Japanese colleagues and institutions by the Japan Society for the Promotion of Science during the month of September. He lectured at Tohoku University in Sendai on "Science and Polity in Revolutionary and Napoleonic France," at Toyko University College of General Education he gave a lecture and seminar on "Science and Society: The

Case of Laplace and Probability," and at Doshisha University he gave the annual Joseph Hardy Neesima lectures, "The Coming of Age of American Science, 1910-1970" and "The Flourishing of French Science, 1770-1830."

DISSERTATIONS

University of Montreal

Jeffrey Michael Crelinsten, "The Reception of Einstein's General Theory of Relativity among American Astronomers, 1910-1930." (Ph.D. completed 1981).

University of Cambridge, England

Robin S. Fleming, "John Dalton's Development of a Quantified Chemistry." (Ph.D. completed 1981).

University of Wisconsin, Madison

Rima D. Apple, "How shall I feed my baby? Infant Feeding in the United States, 1870-1940" (completed 1981).

William Aspray, "From Mathematical Constrictivity to Computer Science: Alan Turing, John Von Neumann, and the Origins of Computer Science in Mathematical Logic." (completed 1980).

Eugene Cittadino, "Plant Adaptation and Natural Selection after Darwin: Physiological Plant Ecology in the German Empire, 1880-1900" (completed 1981).

(Continued on page 13).

ANNOUNCEMENTS

The Joint Committee on Archives of Science and Technology has submitted a report on high priority research areas. A summary follows. The expertise of historians of science--working alone or in conjunction with historians of technology, sociologists of science, archivists, records managers, scientists and engineers--is needed to examine the varied and often complex problems facing the documentation of postwar science and technology. The following list of research areas proposed by the Joint Committee has been reviewed by the National Science Foundation (History and Philosophy of Science Program, the Ethical Values in Science and Technology Programs), and the Division of Information Science and Technology), the National Endowment for the Humanities (Division for Research Programs), and the National Archives and Records Service (National Historical Publications and Records Commission). Available funds are more limited than in recent years. Nevertheless, these agencies agree that there is an urgent need for the development and support of research in these areas: 1) The Generation of Scientific and Technical Records. Research is needed that will increase our understanding of the extent and nature of scientific and technical documentation. In particular, it is important to learn how the differences among various disciplines and institutional settings are reflected in the creation of records, and how knowledge of these differences can be applied to problems of appraisal and records management. 2) The Use of Scientific and Technical Records. To improve the techniques for identification, appraisal, and servicing of scientific and technical records, research is needed on the use of these records. Such research should distinguish use and users by type of records and by the categories applied in the generation studies described above. Users to be considered include individuals generating the records, other members of the scientific and technological communities, journalists, sociologists, and historians. 3) Problems Posed by Special Kinds of Scientific and Technical Records. Scientific and technical records often include certain kinds of material that are not usually encountered in other kinds of records and hence pose unfamiliar problems in archival handling. The most important of these special categories is that of collections of data, which can present particular problems of appraisal and description. Historians of science who are interested in the complete report or in developing a research project covering one or more aspects of this list are invited to request further information from the undersigned members of the Joint Committee on Archives of Science and Technology. Robert Friedel, IEEE Center for History of Electrical Engineering, 345 E. 47th Street, New York, NY 10017; or Joan N. Warnow, AIP Center for History of Physics, 335 E. 45th Street, New York, NY 10017.

John William Ward has been named the new President of the American Council of Learned Societies. He was President of Amherst College from 1971-1979 and before that was Professor of History and American Studies at Amherst College.

An informal seminar on history of technology has been started in the New York City area, called The Metropolitan Seminar in History. The theme for the seminar is "Nature and Function of Technical Literature." For further information contact George Saliba, Department of Middle East Languages, Columbia University, New York, NY 10027.

The University of Wisconsin Press will publish, starting in the Fall of 1982, an annual volume with the series title: History of Anthropology. The series is intended to provide a forum for historically sophisticated and anthropologically informed writing on the development of all aspects of anthropology, in all national traditions, in the context of the intellectual, social and cultural movements associated with the development of the modern world system. Each volume will consist of about 200 printed pages, so that articles of varying lengths may be accommodated, along with primary documentary material and occasional review essays. Scholars with manuscripts or inquiries about the series, are encouraged to communicate with the editor, George W. Stocking, Department of Anthropology, University of Chicago, Chicago IL 60637.

A new biographical feature, "Profiles in Chemistry," has been inaugurated in the Journal of Chemical Education. Originally designed as a curriculum enrichment instrument for teachers of high school and college chemistry, "Profiles" is evolving into a unique medium for scholars in the history of science. Short biographies (4-5 typed pages) of famous chemists as well as treatments of lesser-known but equally interesting individuals, are welcomed from members of HSS. A series on the reformers of American chemical education is currently being developed, but manuscripts on any subject may be submitted at any time. The feature editor is also soliciting the assistance of HSS members as reviewers of manuscripts. Any member interested in participating is invited to contact the editor, Roger R. Festa, School of Education, Box U-33, The University of Connecticut, Storrs Connecticut 06268.

The Institute Archives and Special Collections Department of the Massachusetts Institute of Technology Libraries has issued a Selective Repository Guide (22 pages). The Archives is the repository for the manuscript and archival records of MIT, its faculty, alumni and staff. The collections reflect the strengths of the research and educational programs of the Institute and therefore emphasize the history of contemporary science and technology, and its impact on society. The guide is available for \$2 from Institute Archives and Special Collections, Room 14N-118, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139. Checks should be made payable to the Massachusetts Institute of Technology.

A Catalog of the Sidney M. Edelstein Collection (Jerusalem, 1981) is now available. The Sidney M. Edelstein Collection has the largest collection on dyeing and is dedicated to the history of chemistry in general. The Catalog may be ordered from Moshe Ron. Curator, The Jewish National and University Library, P.O.B. 503, Jerusalem 91000, Israel. The price is \$30 (182 pages, large folio, cloth), including surface postage and handling.

A series of tapes describing the experience, thoughts, and opinions of the pioneers of our computer age, recalled by the pioneers themselves, is available from Hugo Informatics, P.O. Box 89, Reading RG6 2ES, England.

The American Historical Association has published "Guidelines on Hiring Women Historians in Academia." The guidelines were prepared by the Committee on Women Historians in consultation with the Professional Division, and were endorsed by the AHA Council. The guidelines address problems in the hiring, promotion, and tenuring of women historians and propose explicit solutions to these problems. Copies are available from the American Historical Association, 400 A Street Washington, D.C. 20003.

The University Program in Science, Technology, and Society at Michigan Technological University has recently appointed Gary Downey as Assistant Professor and Larry Lankton as Associate Professor. The University Program in STS is Michigan Tech's principal agency for teaching and research in the areas of science and technology and their social, political, and economic relationships. Projects include symposia such as the recent, "Power, Transport, and Public Policy in Modern America," which is to be published by SAGE Publications, and a new journal, Energy and Society, to be edited by George H. Daniels and Mark H. Rose and published on a quarterly basis by SAGE. In the near future, a graduate program in science and technology policy studies is contemplated, and several additional faculty appointments are anticipated. Daniels and Rose are co-directors of the University Program in STS, and John H. Winslow is the head. For additional information, contact John H. Winslow, University Program in STS, Michigan Technological University, Houghton, Michigan 49931.

The University of Chicago, Fishbein Center for the History of Science and Medicine, will present a symposium entitled "Persistent Controversies in Evolutionary Theory" on March 3-5, 1982 at Ida Noyes Hall (1212 E. 59th St.). March 3: Opening address by Richard Lewontin. March 4: I. Reality of Group Selection, papers by George Williams and Michael Wade. II. Mechanisms of Speciation and Mode of Change, papers by William Provine and David Raup; Stephen Gould. March 5: III. Religion, Morality, and Evolution, papers by Robert Richards and Martin Marty. IV. Social and Behavioral Evolution, papers by Richard Burkhardt and Napoleon Chagnon; Robert Boyd and David Hull. For further information, contact the Director, Fishbein Center, University of Chicago, 1126 E. 59th Street, Chicago, IL 60637.

Boston University's Boston Colloquium for the Philosophy of Science is sponsoring the following colloquia: January 26, Martha Craven Nussbaum, "Aristotle's Common Explanation of Animal Motion"; February 2, Everett Mendelsohn, "The Science and Politics of the Origin of Life"; February 9, S. S. Schweber, "Some Notes for a History of Quantum Field Theory: 1940-1950"; February 16, Derek de Solla Price, "Scientific Instruments as Artificial Revelation"; February 23, Henry Krips, "Is a Realist Interpretation of Quantum Theory Possible?"; March 2, Myles Brand, "Folk Psychology and Scientific Psychology: Friends or Enemies?"; March 16, Leon Kass, "You Are What You Eat?"; March 23, Symposium on Conceptual Problems in Geology: I. David B. Kitts, "The Logic of Geological Discovery." II. Rachel Laudan, "Natural Philosophy or Natural History? Tensions in the Concept of Geology"; March 30, Anatol Holt, "A Mathematical Model of Continuous Discrete Behavior"; April 6, Yehuda Elkana, "The Borrowing of the Concept of Energy in Freudian Psychoanalysis"; April 13, Gernot Bohme, "Kant's Epistemology as a Theory of Alienated Knowledge"; April 20, Roberto Torretti, "Formal Versus Efficient Causation in General Relativity"; April 23 and 24, Symposium on the Centenary of P.W. Bridgman: I. Thermodynamics, Geophysics, and Physics at High Pressures, 8:00 p.m., April 23, at the American Academy House, Cambridge. II. Operationalism and Philosophy of Science, 10:00 a.m., April 24, at Boston University, GSU 314. April 27, Joseph W. Dauben, "Abraham Robinson: Infinitesimals, Non-Standard Analysis and the Foundations of Mathematics"; May 4, Hugues LeBlanc, "From Boole to Popper: Truth Functions and Probability Functions. Except as noted, all meetings are to be held at

7:45 p.m. in Room 314 of the George Sherman Union, 775 Commonwealth Avenue, near Boston University Bridge. For further information, consult Robert S. Cohen or Debra Nails, Department of Physics, Boston University, Boston, Massachusetts 02215.

The eleventh annual Institute for Historical Editing will take place June 13-25, 1982 in Madison, Wisconsin. Applicants should hold a master's degree in history or American civilization. For information and application forms, write to NHPRC, National Archives, Washington, D.C. 20408. The application deadline is February 15, 1982.

FELLOWSHIPS

The History Committee of the Institute of Electrical and Electronics Engineers, Inc. announces that it is accepting applications for its 1982-83 Fellowship in the field of electrical engineering history. This Fellowship will consist of a stipend of \$8,500 plus an amount of up to \$2,000 for tuition and fees. The recipient will be selected by members of the IEEE History Committee on the basis of academic record, letters of recommendation and quality of the research proposal. The Fellowship will be administered by the Center for the History of Electrical Engineering. Information and application forms may be obtained by writing to the Center at 345 East 47th Street, New York, New York 10017. The deadline for receipt of completed applications and supporting materials is February 1, 1982.

The Charles Babbage Institute for the History of Information Processing is accepting applications for a Graduate Fellowship to be awarded for the 1982-83 academic year to a graduate student whose dissertation will be on some aspect of the history of computers and information processing. The stipend will be \$5,000 plus an amount up to \$2,500 for tuition and fees. For further information and application contact Professor Arthur L. Norberg, Director, The Charles Babbage Institute, University of Minnesota, 104 Walter Library, 117 Pleasant Street, SE, Minneapolis, Minnesota 55455. Application deadline is February 15.

The National Historical Publications and Records Commission announces the 1981-82 competition for fellowships in historical editing. Participating projects are The Samuel Gompers Papers (University of Maryland), The Daniel Chester French Papers (National Trust for Historic Preservation, Washington, D.C.), and The Papers of George Catlett Marshall (George C. Marshall Research Foundation, Lexington, Virginia). Fellows receive a stipend of \$13,000 and spend 12 months in training at one of the projects, beginning in the summer of 1982. Candidates should hold a Ph.D. in history or should have completed all requirements for the doctorate except the dissertation. Applications are available from the NHPRC, National Archives, Washington DC 20408. Application deadline is February 15, 1982.

The Research Fellowship funded by the History of Psychology Foundation promotes research in the history of psychology through the granting of stipends of up to \$750 to aid scholars using 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 by March 1, 1982. Contact Mr. John V. Miller, Jr. Director of Archival Services, University of Akron, Akron, Ohio 44325.

Fellowships continued on page 13.

André Allard (Editor). Maxime Planude: Le grand calcul selon les Indiens. (Travaux de la Faculté de Philosophie et Lettres de l'Université Catholique de Louvain, 27; Centre d'Histoire des Sciences et des Techniques Sources et Travaux, 1.) 250 pp., figs., glossary, index. Louvain-la-Neuve: L'Université Catholique de Louvain, 1981.

Tjeerd van Andel. Science at Sea: Tales of an Old Ocean. xii + 186 pp., illus., app., index. San Francisco: W.H. Freeman, 1981. \$15.95 (cloth); \$7.95 (paper).

Paul H. Barrett; Donald J. Weinshank; Timothy T. Gottleber (Editors). Concordance to Darwin's Origin of Species, First Edition. xv + 834 pp. Ithaca, N.Y.: Cornell University Press, 1981. (Photo-offset from typescript.) \$38.50.

Dexter Baxby. Jenner's Smallpox Vaccine: The Riddle of Vaccinia Virus and its Origin. Foreward by Frank Fenner. xiv + 214 pp., illus., bibl., index. Exeter, N.H.: Heinemann Educational Books, 1981. \$25.

Ken Baynes; Frances Pugh. The Art of the Engineer. 240 pp., illus., apps., index. Woodstock, N.Y.: The Overlook Press, 1981. \$75.

E. M. Beekman (Editor and Translator). The Poison Tree: Selected Writings of Rumphius on the Natural History of the Indies. (Library of the Indies.) 260 pp., illus., index. Amherst, Mass.: The University of Amherst Press, 1981. \$20.

Morris Berman. The Reenchantment of the World. 355 pp., illus., figs., app., index. Ithaca, N.Y.: Cornell University Press, 1981. \$34.50 (cloth); \$8.95 (paper).

Roger E. Bilstein. Stages to Saturn: A Technological History of the Apollo/Saturn Launch Vehicles. (The NASA History Series, NASA SP 4206.) 1 + 511 pp., illus., apps., bibl., index. Washington, D.C.: National Aeronautics and Space Administration, 1980.

Richard L. Bishop; Samuel I. Goldberg. Tensor Analysis on Manifolds. v + 280 pp., figs., bibl., index. New York: Dover Publications, 1980. \$5.50.

Richard E. Blackwelder. The Zest for Life or Waldo Had a Pretty Good Run: The Life of Waldo LaSalle Schmitt. xviii + 234 pp., illus., apps., index. Lawrence, Kansas: The Allen Press, 1979.

Brian W. Blouet. The Origins of Academic Geography in the United States. With the assistance of Teresa L. Stitcher. xii + 342 pp., figs., app. Hamden, Conn.: Archon Books, 1981.

Margarita Bowen. Empiricism and Geographical Thought: From Francis Bacon to Alexander von Humboldt. (Cambridge Geographical Studies, 15.) xv + 351 pp., illus., bibl., index. Cambridge/New York: Cambridge University Press, 1981. \$49.50.

Augustine Brannigan. The Social Basis of Scientific Discoveries. xi + 212 pp., bibl., index. Cambridge/London/New York: Cambridge University Press, 1981. \$24.95 (cloth); \$9.50 (paper).

Peter Brent. Charles Darwin: A Man of Enlarged Curiosity. 536 pp., illus., app., bibl., index. New York: Harper and Row, 1981. \$20.75.

Gavin D. R. Bridson; Valerie C. Phillips; Anthony P. Harvey. Natural History Manuscript Resources in the British Isles. xxxvi + 473 pp.,

bibl., indexes. London: Mansell; New York: Bowker, 1981. \$245.

Sanborn C. Brown. Benjamin Thompson, Count Rumford. xii + 361 pp., illus., apps., index. Cambridge, Mass./London: MIT Press, 1981. \$9.95.

Manfred Büttner (Editor). Carl Ritter: Zur europäisch-Amerikanischen Geographie an der Wende vom 18. zum 19. Jahrhundert. (Abhandlungen und Quellen zur Geschichte der Geographie und Kosmologie, 2.) 256 pp., illus. Paderborn, West Germany: Ferdinand Schöningh, 1981. DM 38.

Arthur L. Caplan; H. Tristram Engelhardt, Jr.; James J. McCartney (Editors). Concepts of Health and Disease: Interdisciplinary Perspectives. Foreward by Denton Cooley. xxxi + 756 pp., indexes. Reading, Mass./London/Amsterdam: Addison-Wesley Advanced Book Program, 1981. \$29.50 (paper).

Elof Axel Carlson. Genes, Radiation, and Society: The Life and Work of H. J. Mueller. xiv + 457 pp., illus., glossary, app., index. Ithaca, N.Y.: Cornell University Press, 1981.

Elie Carton. The Theory of Spinors. Foreward by Raymond Streater. (Originally published as André Mercier (Ed.) Legons sur la théorie des spineurs, 1935. First English edition by Hermann, 1976.) 157 pp., figs., bibl., index. New York: Dover, 1981. \$4 (paper).

Concise Dictionary of Scientific Biography. Edited by James F. Maurer et al. 773 pp. New York: Charles Scribner's Sons, 1981. \$60.

Carl Condit. The Port of New York: A History of the Rail and Terminal System from the Grand Central Electrification to the Present. xii + 399 pp., illus., bibl., index. Chicago/London: Chicago University Press, 1981. \$35.

Carlton S. Coon. Adventures and Discoveries: The Autobiography of Carleton S. Coon. xii + 404 pp., illus., index. Englewood Cliffs, N.J.: Prentice-Hall, 1981. \$16.95.

George Corner. The Seven Ages of a Medical Scientist: An Autobiography. xii + 411 pp., illus., app., index. Philadelphia: University of Pennsylvania Press, 1981.

Francis Crick. Life Itself: Its Origin and Nature. 192 pp., illus., apps., New York: Simon + Schuster, 1981. \$12.95.

J. Leonard Culhane; Peter W. Sanford. X-ray Astronomy. 192 pp., illus., bibl., index. New York: Charles Scribner's, 1981. \$25.

Merle Curti. Human Nature in American Thought: A History. 453 pp., Madison, Wisc.: University of Wisconsin Press, 1980. \$25.

Kurt Danzinger; Manfred Skopec; Helmut Wycklicky (Editors). Festschrift für Erna Lesky zum 70. Geburtstag. 212 pp., frontispiece, index. Vienna: Brüder Hollinek, 1981.

Joseph W. Dauben (Editor). Mathematical Perspectives: Essays on Mathematics and Its Historical Development. xv + 272 pp., figs., bibl., index. New York/London/Toronto: Academic Press, 1981. \$34.

J. Dhombres (Editor). Actes du colloque enseignement de l'histoire des sciences aux scientifiques. (A symposium held 9-11 October, 1980.) 180 pp., Paris: Société Française d'Histoire des Sciences et des Techniques; Nantes: Université de Nantes, 1980.

Rosemarie Dilg-Frank. Kreatur und Kosmos: Internationale Beiträge zur Paracelsusforschung. 206 pp., illus., index. Stuttgart/New York: Gustav Fischer, 1981.

Stillman Drake. Cause Experiment and Science: A Galilean Dialogue incorporating a new English translation of Galileo's "Bodies That Stay atop Water, or Move in It". xxix + 237 pp., illus., app., index. Chicago/London: University of Chicago Press, 1981. \$20.

Stillman Drake. Galileo's Notes on Motion: Arranged in Probable Order of Composition and Presented in Reduced Facsimile. (Supplemento agli Annali dell'Istituto e Museo di Storia della Scienza, 1979, No.2, monograph no. 3.) lli + 241 pp., illus., bibl., indexes. Florence: Istituto e Museo di Storia della Scienza, 1979. L 25,000 (paper).

Michael Dummett. The Interpretation of Frege's Philosophy. xviii + 621 pp., bibl., index. Cambridge, Mass.: Harvard University Press, 1981. \$40.

Aant Elzinga. On a Research Program in Early Modern Physics. (Studies in the Theory of Science.) 143 pp., figs., bibl. Göteborg, Sweden: Akademiförlaget, 1972.

Aant Elzinga; Andrew Jamison. Cultural Components in the Scientific Attitude to Nature: Eastern and Western Modes? (Research Policy Studies, Discussion Paper, 146.) 75 pp., bibl. Lund, Sweden: Research Policy Institute, 1981. (Photo-offset from typescript.)

Anite Engle (Editor). The Glassmakers of Altare. (Readings in Glass History, 12.) 95 pp., illus., bibl. Jerusalem: Phoenix Publications, 1978. \$20.

Anita Engle (Editor). Ancient Glass in its Context. (Readings in Glass History, 10.) 96 pp., illus., apps., bibl. Jerusalem: Phoenix Publications, 1981. \$14.

Iris H. W. Engstrand. Spanish Scientists in the New World: The Eighteenth-Century Expeditions. xiv + 220 pp., illus., apps., bibl., index. Seattle/London: University of Washington Press, 1981. \$25.

Brian Evans; Bernard Waites. IQ and Mental Testing: An Unnatural Science and its Social History. (Critical Social Studies.) x + 228 pp., app., index. Atlantic Highlands, N.J.: Humanities Press, 1981. \$30(cloth); \$13 (paper).

Marta Fattori. Lessico del Novum Organum di Francesco Bacone. Volumes I + II. xl + 543 pp.; xiv + 520 pp. (Lessico Intellettuale Europeo, 24.) Rome: Edizioni dell'Ateneo + Bizzarri, 1980.

Paul K. Feyerabend. Philosophical Papers. Volume I: Realism, Rationalism and Scientific Method. Volume II: Problems of Empiricism. 608 pp., figs., indexes. Cambridge/London/New York: Cambridge University Press, 1981. \$79.

Martin Fichman. Alfred Russel Wallace. (Twayne's English Authors Series, 305.) 188 pp., illus., bibl., index. Boston: Twayne, 1981. \$12.95.

E. Jane Gay. With the Nez Perces: Alice Fletcher in the Field, 1889-92. Edited, with an introduction by Frederick E. Hoxie and Joan T. Mark. xxxvii + 188 pp., illus., index. Lincoln, Nebraska/London: University of Nebraska Press, 1981. \$18.95.

David Goodman (Editor). Buffon's Natural

History. (The Open University Arts: A Second Level Course - The Enlightenment, Units 17-18.) 80 pp., illus. Milton Keynes: The Open University Press, 1980. £2.95.

Judith R. Goodstein; Carolyn Kopp (Editors). The Theodore von Kármán Collection at the California Institute of Technology: Guide to the Original Collection and a Microfiche Edition. xiii + 113 pp., illus., app., index. Pasadena, CA: California Institute of Technology, 1981. (Available free from Millikan Library 1-32, California Institute of Technology, Pasadena, CA 91125.)

Loren R. Graham. Between Science and Values. 499 pp., bibl., index. New York: Columbia University Press, 1981. \$19.95.

Edward Grant. Studies in Medieval Science and Natural Philosophy. iv + 372 pp., index. London: Variorum Reprints, 1981.

Henry Guerlac. Newton on the Continent. 169 pp., illus., index. Ithaca/London: Cornell University Press, 1981. \$12.50.

Sami K. Hamarneh; Ernst W. Stieb. Pharmacy Museums and Historical Collections on Public View in the United States and Canada. 144 pp., illus., bibl. Madison, Wisc.: American Institute of the History of Pharmacy, 1980. \$6.50 (paper).

C. Leon Harris. Evolution: Genesis and Revelations. 339 pp., bibl., index. Albany, N.Y.: State University of New York Press, 1981. \$29.50 (cloth); \$9.95 (paper).

A. McGehee Harvey. Research and Discovery in Medicine: Contributions from Johns Hopkins. xiii + 322 pp., illus., apps., bibl. Baltimore/London: Johns Hopkins University Press, 1981. \$25.

A. McGehee Harvey. Science at the Bedside: Clinical Research in American Medicine, 1905-1945. xix + 554 pp., apps., indexes. Baltimore/London: Johns Hopkins University Press, 1981. \$17.50.

Richard Healey (Editor). Reduction, Time and Reality: Studies in the Philosophy of the Natural Sciences. xi + 202 pp., index. Cambridge/London/New York: Cambridge University Press, 1981. \$27.50.

Friedrich Herneck. Max von Laue. (Biographien Hervorragender Naturwissenschaftler, Techniker und Mediziner, 42.) 92 pp., frontispiece, illus., index. Leipzig: Teubner, 1979. DM 4,90.

Brooke Hindle. Emulation and Invention. 162 pp., illus., index. New York: New York University Press, 1981. \$22.50.

The History of Science. (Jewish Theological Seminary) 17 microfilm, bibliographic index. Ann Arbor: University Microfilms Intl., 1980. \$615.

Brigitte Hoppe. Aus der Frühzeit der chemischen Konstitutionsforschung: die Tropanalkaloide Atropin und Cocain in Wissenschaft und Wirtschaft. (Deutsches Museum Abhandlungen und Berichte: Volume 47 (1979), no. 3.) 199 pp., illus., indexes. Dusseldorf: R. Oldenberg, 1979.

Danielle Facquart. Le milieu medical en France du XII^e au XV^e siècle. En annexe 2^e supplément au "Dictionnaire" d'Ernest Wickersheimer. (Hautes Etudes Médiévales et Modernes, 46.) 487 pp., illus., figs., apps., bibl., index. Geneva: Librairie Droz; Paris: Librairie Champion, 1981.

Robert Jastrow. The Enchanted Loom: Mind in the Universe. 183 pp., illus., figs., index. New York: Simon and Schuster, 1981. \$13.95.

George B. Kauffman. Inorganic Coordination Compounds. Foreword by Geoffrey Wilkinson. Preface by J. W. van Spronsen. (Nobel Prize Topics in

Chemistry.) 205 pp., illus., apps., bibl., indexes. London/Philadelphia: Heyden + Sons, 1981. £5.50/\$13.50 (paper); £12/\$29 (cloth).

Karin Knorr-Cetina. The Manufacture of Knowledge: An Essay on the Constructivist and Contextual Nature of Science. Preface by Rom Harré. 189 pp., illus., indexes. Oxford/New York: Pergamon, 1981. £16/\$45 (cloth); £8/\$22.10 (paper).

G. D. Komkov; B. V. Levšin; L. R. Semenov. Geschichte der Akademie der Wissenschaften der UdSSR. Translated by Gerhard Basler, Conrad Grau + Dieter Mühle. vii + 745 pp., illus., indexes. Berlin: Akademie-Verlag, 1981. DM 98.

Fritz Krafft. Im Schatten der Sensation: Leben und Wirken von Fritz Strassmann nach Dokumenten und Aufzeichnungen. xvii + 541 pp., illus., bibl., index. Weinheim, West Germany/Deerfield Beach, Florida: Verlag Chemie, 1981. DM 150.

Hans Krebs. Otto Warburg: Cell Physiologist, Biochemist and Eccentric. In collaboration with Roswitha Schmid. Translated by Hans Krebs and Anne Martin. x + 141 pp., illus., bibl., index. Oxford: Clarendon Press, 1981. \$24.95.

Michel Leiris. L'Afrique fantôme. (Bibliothèque des Sciences Humaines.) 536 pp., illus. Second Edition. Paris: Gallimard, 1981.

Joan Leopold. Culture in Comparative and Evolutionary Perspective: E. B. Tyler and the Making of "Primitive Culture". 183 pp., illus., app. West Berlin: Dietrich Reimer, 1980.

Les Alchimistes Grecs. Volume I: Papyrus de Leyde, Papyrus de Stockholm, Fragments de Recettes. Translated by Robert Halleux. (Collection des Universités de France.) xv + 235 pp. Paris: Société d'Édition "Les Belles Lettres", 1981.

Michael Loewe; Carmen Blacker (Editors). Oracles and Divination. 244 pp., illus., index. Boulder, Colorado: Shambala Publications, 1981. \$9.95

David Malloch. Moulds: Their Isolation, Cultivation, and Identification. 97 pp., illus., app., index. Toronto: University of Toronto Press, 1981. \$13.95 (paper).

Ronald Martin. American Literature and the Universe of Force. xviii + 284 pp., bibl., index. Durham, N.C.: Duke University Press, 1981. \$27.75.

Everett Mendelsohn; Yehuda Elkana (Editors). Sciences and Cultures: Anthropological and Historical Studies of the Sciences. (Sociology of the Sciences, 5.) xvii + 270 pp., index. Dordrecht/Boston/London: D. Reidel, 1981. Dfl 65/\$34 (cloth); Dfl 30/\$14.95 (paper).

E. H. Mercer. Foundations of Biological Theory. 232 pp., app., illus., index. New York: John Wiley, 1981. \$35.

Jack Morrell; Arnold Thackray. Gentlemen of Science: Early Years of the British Association for the Advancement of Science. xxiii + 592 pp., illus., figs., apps., bibl., indexes. Oxford: Clarendon Press, 1981. £30.

Ian Mueller. Philosophy of Mathematics and Deductive Structure in Euclid's Elements. 378 pp., figs., apps., bibl., index. Cambridge/London: MIT Press, 1981. \$37.50.

V. V. Nalimov. Faces of Science. Edited by Robert G. Colodny. Illustrations by Mikhail Zlatkovsky. xv + 297 pp., illus., indexes. Philadelphia: ISI Press, 1981. \$22.50.

Seyyed Hossein Nasr. Islamic Life and Thought.

232 pp., index. Albany, N.Y.: State University of New York Press, 1981.

Isaac Newton. The Mathematical Papers of Isaac Newton. Edited by D. T. Whiteside. With the assistance in publication of A. Prag. Volume XIII: 1697-1722. lv + 704 pp., illus., figs., index. list of plates. Cambridge/New York: Cambridge University Press, 1981. \$195.

Simon Nora; Alain Minc. The Computerization of Society. Introduction by Daniel Bell. xx + 186 pp., apps. Cambridge, Mass./London: MIT Press, 1981.

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James L. Penick. The New Madrid Earthquakes. (Published previously as The New Madrid Earthquakes of 1811-1812, 1976.) xvi + 176 pp., illus., bibl., index. Columbia, Missouri: University of Missouri Press, 1981. \$7.95.

Jackie Pigeaud. La maladie de l'âme: Etude sur la relation de l'âme et du corps dans la tradition médico-philosophique antique. (Collections d'Études Anciennes.) 581 pp., bibl., indexes. Paris: Société d'Édition "Les Belles Lettres", 1981.

Pier Luigi Pizzamiglio; Georgio Tabarroni (Editors). Pio IX e le macchine ottiche. (With a reproduction of Le Macchine Ottiche, esercizio fisico-matematico di Giovanni Maria Mastai Ferretti, 1809.) 144 pp., illus., index. Bologna: Cooperativa Libreria Universitaria Editrice Bologna, 1981. L 10,000.

Emmanuel Poulle. Les sources astronomiques (textes, tables, instruments). (Typologie des sources du Moyen Age Occidental, 39.) 83 pp., illus., bibl. Turnhout, Belgium: Brepols, 1981.

Carroll W. Pursell, Jr. (Editor). Technology in America: A History of Individuals and Ideas. xi + 264 pp., illus., index. Cambridge, Mass./London: MIT Press, 1981. \$9.95 (paper).

O. Bertrand Ramsay. Stereochemistry. Foreward by D. H. R. Barton. Preface by J. W. van Spronsen. (Nobel Prize Topics in Chemistry.) 256 pp., illus., apps., bibl., indexes. London/Philadelphia: Heyden + Sons, 1981. £5.50/\$13.50 (paper); £12/\$29 (cloth).

Michael Ruse. Is Science Sexist? And Other Problems in the Biomedical Sciences. (The University of Western Ontario Series in Philosophy of Science, 17.) xix + 299 pp., illus., figs., bibl., indexes. Dordrecht/Boston/London: D. Reidel, 1981. Dfl 80/\$42 (cloth); Dfl 32.50/\$14.95 (paper).

Ramaswamy H. Sarma (Editor). Biomolecular

Stereodynamics. Volumes I + II. (Proceedings of a Symposium held at the State University of New York at Albany, 26-29 April, 1981.) xii + 472 pp., illus., index; xiii + 501 pp., illus., index. Guilderland, N.Y. Adenine Press, 1981. \$85.

Charles B. Schmitt. Studies in Renaissance Philosophy and Science. ii + 340 pp., indexes. London: Variorum Reprints, 1981. £24.

S. E. D. Shortt (Editor). Medicine in Canadian Society: Historical Perspectives. xiii + 506 pp., illus., app. Montreal: McGill-Queen's University Press, 1981. \$11.95 (paper).

David C. Smith. The Maine Agricultural Experiment Station. xiv + 292 pp., illus., apps., index. Orono, Maine: Life Science and Agricultural Station, University of Maine, 1980. \$12.

Jane Idleman Smith; Yvonne Yazbeck Haddad. The Islamic Understanding of Death and Resurrection. xi + 262 pp., apps., bibl., index. Albany, N.Y.: State University of New York Press, 1981. \$36 (cloth); \$12.95 (paper).

Special Collections: Library of Washington University School of Medicine. Preface by Estelle Brodman. iii + 66 pp., illus. St. Louis, Missouri: Washington University School of Medicine, 1981.

E. J. Steele. Somatic Selection and Adaptive Evolution: On the Inheritance of Acquired Characters. vi + 134 pp., illus., app., bibl., index. Second Edition. Chicago: The University of Chicago Press, 1981. \$18 (cloth); \$5.95 (paper).

Dirk Struik. The Land of Stevin and Huygens. (Translation by the author of Het land van Stevin en Huygens, 1958, 1979.) (Studies in the History of Modern Science, 7.) 162 pp., illus., bibl., index. Dordrecht/Boston/London: D. Reidel, 1981. Dfl 65/\$34 (cloth); Dfl 38/\$18.50 (paper).

J. M. Tanner. A History of the Study of Human Growth. 499 pp., illus., bibl., index. Cambridge/New York: Cambridge University Press, 1981. \$69.50

Jürgen Teichmann. Wandel des Weltbildes: Astronomie, Physik und Messtechnik in der Kulturgeschichte. (Kulturgeschichte der Naturwissenschaften und der Technik, 6.) 313 pp., illus., apps., bibl., index. Munich: Deutsches Museum, 1980.

Ivan Tolstoy. James Clerk Maxwell: A Biography. viii + 184 pp., illus., bibl., index. Edinburgh: Canongate Press, 1981. £9.95.

T. J. Trenn. Transmutation: Natural and Artificial. Foreword by Glenn Seaborg. Preface by J. W. van Spronsen. (Nobel Prize Topics in Chemistry.) 160 pp., illus., app., bibl., indexes. London/Philadelphia: Heyden + Sons, 1981. £5.50/\$13.50 (paper); £12/\$29 (cloth).

Martha Moore Trescott. The Rise of the American Electrochemicals Industry, 1880-1910: Studies in the American Technological Environment. (Contributions in Economics and Economic History, 38.) xxxviii + 391 pp., illus., figs., apps., bibl., index. Westport, Conn./London: Greenwood Press, 1981. \$45.

Ryan Tweney; Michael Doherty; Clifford Mynatt (Editors). On Scientific Thinking. xii + 459 pp., index. New York: Columbia University Press, 1981. £32.50 (cloth); \$15 (paper).

Sung Tz'u. The Washing Away of Wrongs: Forensic Medicine in Thirteenth Century China.

Translated by Brian E. McKnight. (Science, Medicine and Technology in East Asia, 1.) xv + 181 pp., illus., bibl., index. Ann Arbor, Michigan: Center for Chinese Studies, The University of Michigan, 1981. \$9 (cloth); \$6 (paper).

Nicholas Wade. The Nobel Duel: Two Scientists' 21-year Race to Win the World's Most Coveted Research Prize. xi + 321 pp., illus., figs., apps., index. Garden City, N.Y.: Anchor Press/Doubleday, 1981. \$15.95.

Owen H. Wangenstein (Editor). Elias Potter Lyon: Minnesota's Leader in Medical Education. xiii + 292 pp., illus., apps., index. St. Louis, Missouri: Warren H. Green, 1981. \$14.50.

F. A. B. Ward. A Catalogue of European Scientific Instruments in the Department of Medieval and Later Antiquities of the British Museum. 152 pp., illus., app., bibl., index. London: British Museum Publications Limited, 1981. £50.

Alwyne Wheeler; James H. Price (Editors). History in the Service of Systematics. (Papers from the Conference to celebrate the Centenary of the British Museum of Natural History, 13-16 April, 1981. Organized by the Society for the Bibliography of Natural History and the Systematics Association.) (Society for the Bibliography of Natural History Special Publication, 1.) v + 164 pp., figs. London: Society for the Bibliography of Natural History, 1981.

John M. Ziman. Puzzles, Problems and Enigmas: Occasional Pieces on the Human Aspects of Science. ix + 373 pp., illus., index. Cambridge/New York: Cambridge University Press, 1981. \$24.95.

Fellowships, continued from page 9.

Johns Hopkins Institute of the History of Medicine offers a fellowship for graduate study, either for the M.A. or the Ph.D. degree, in the history of medicine commencing July 1, 1982. Tuition and stipend are provided. For further information, write to Dr. Lloyd G. Stevenson, Director, Institute of the History of Medicine, The Johns Hopkins University, 1900 E. Monument Street, Baltimore, Maryland 21205, sending curriculum vitae and statement of research interests. Deadline for applications is March 15, 1982.

Dissertations, continued from page 7.

(University of Wisconsin, continued).

Patrick R. Girard, "The Conceptual Development of Einstein's General Theory of Relativity" (completed 1981).

Elizabeth Barnaby Keeney, "Botany as Popular Culture: Popular Science in Nineteenth-Century America" (in progress).

Ronald Kline, "Charles P. Steinmetz and the Development of Electrical Engineering Theory, 1890-1920" (in progress).

The Open Campus Program at Deakin University, Victoria, Australia, has developed a number of paperback texts related to the social history of science for its course "Knowledge and Power." Contact David Wade Chambers for further information.

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 listings of available positions.

Except as noted, the positions listed are new openings 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 listings.

1. American Studies Association, University of Pennsylvania, Philadelphia

Description: The American Studies Association seeks an Executive Director with experience in administration, office procedures, fiscal management, and grant writing. Advanced degree in American Studies or related fields desirable. Possibility of teaching one course from time to time. Salary range \$18,000-\$22,000 for 12 months, starting Spring 1982. Send vita and list of references by January 15. EOE.

Contact: Norman H. Hostetler, Chair, ASA Search Committee, Department of English, University of Nebraska, Lincoln, Nebraska 68588.

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

Description: Visiting Assistant or Associate Professor in Center for the Study of Science in Society, to conduct research in technology studies and assist in program development. The Center, now in its third year, supports research on science and technology in their social and cultural contexts and will offer a full program of graduate studies. To complement its current strength in philosophy, sociology and history of science, the Center will appoint one or possibly two scholars having backgrounds in political science, policy studies, economics, administrative and management studies, or related fields. Candidates must present evidence of serious theoretical study of technology and its institutional contexts and must have their final degree in hand by September 1982. While these are continuing positions, initial appointments will be for one year with possibility of renewal. Salary is competitive. Screening of applications which must include brief description or current research and complete dossier, will begin on December 15, 1981 and applications will be accepted until the available positions have been filled. EOE/AA.

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

3. West Virginia University, Morgantown

Description: Search reopened for Tenure Track Assistant Professor in the History of Science and Technology. Teaching obligations include course in Post-Newtonian Science. Research concerns should involve 19th century physical sciences. Interest in relations between science and industry desired. Send vita and credentials by January 31, 1982. EOE/AA.

Contact: Professor Emory Kemp, Chairman, Search Committee, Program in the History of Science and Technology, West Virginia University, Morgantown, West Virginia 26506.

4. Georgetown University, Washington, D.C.

Description: The Graduate School at Georgetown invites nominations and applications for the position of Research Advisor. This individual will advise the faculty on opportunities for extramural support, coordinate certain aspects of the University's research activities, administer policies established by the Graduate School Research Council, and direct the Office of Research Services. Candidates should hold a Ph.D. (preferably in history and/or philosophy of science) and be capable of working effectively with physical and biological scientists, social scientists, and humanists. Experience as a researcher is desirable. Salary will be in the Assistant Professor range. Nominations and applications should be sent by January 15, 1982.

Contact: Dean Richard B. Schwartz, The Graduate School, Georgetown University, Washington, D.C. 20057.

5. University of Notre Dame, Notre Dame, Indiana

Description: Instructor/Assistant Professor for the Undergraduate Great Books Program in Social Science Science and Liberal Studies. Great Books seminars, the core of the Program, are supplemented by courses in natural science (including history and philosophy of science), literature, history, philosophy (including political and social theory), theology in the Catholic tradition, and music. Background in social science (including anthropology) or science preferred. Teaching beyond one's specialty and concern with classic issues of the Western tradition expected. Ph.D. or near completion required. Publications desirable. Applicant should send personal letter as well as vita. EOE/AA.

Contact: Walter Nicgorski, Chairman, University of Notre Dame, Program of Liberal Studies, Notre Dame Indiana 46556.

6. St. John's College, Annapolis, Maryland

Description: Faculty position possibly available for the Spring of 1983. St. John's College is a private non-sectarian liberal arts college with a curriculum based on the reading and discussion of the books and articles in which the greatest thinkers of our civilization have expressed their thoughts. Students follow a non-elective curriculum which consists of four years of bi-weekly seminar discussions of issues raised in these books, four years of mathematics, three years of natural science, two years of Greek, two years of French, and one year of music. There are no departments, and all tutors (all instructional faculty hold this rank) are expected to teach in all parts of the

program. Tutors must be proficient in at least one part of the program and eager to learn and teach widely beyond their specialties. Salaries are based on age and years of experience at the college. Every letter of application must reveal familiarity with the Statement of the St. John's Program (Catalogue), a publication of the college available through the Dean's office. EOE.

Contact: Mr. Edward G. Sparrow, Dean St. John's College, Annapolis, Maryland 21404.

7. Smithsonian Institution, Washington, D.C.

Description: The National Air and Space Museum seeks a curator to do historical research in the history of space technology, on issues in manned space flight, launch technology, and space operations, for example; to maintain and study a collection of artifacts and documents bearing on the history of space technology, and to help mount exhibits. The successful candidate will either hold a Ph.D. in the history of technology or have substantial experience which is evidenced through publications and ability to conduct significant scholarly research in the history of modern technology. Salary will be GS 11, 12, or 13 (\$23,566-\$43,666) depending on qualifications. This is a federal three-year term appointment with the possibility of conversion to career conditional status. Send federal standard form 171, three letters of recommendation from scholars in the field, and cover letter by January 30, 1982. EOE/AA.

Contact: Smithsonian Institution, Office of Personnel Administration, 900 Jefferson Drive, SW, Room 1483, Attention: Ruth Boyd, Washington, D.C. 20560.

8. Thomas A. Edison Papers, Rutgers, New Brunswick, New Jersey

Description: Editorial Assistant for ten to twelve weeks in the summer of 1982. Work with senior professional staff in preparation of materials for the microfilm and book editions of the Edison Papers. The person should have a background and interest in the history of science, technology, and business in the era of Edison. The application deadline is March 15, 1982. EOE/AA

Contact: Thomas A. Edison Papers, One Richardson Street, Rutgers, The State University, New Brunswick, New Jersey 08903.

The following jobs were previously listed in the November History of Science Society Job Supplement:

9. University of Oklahoma, Norman Oklahoma

Description: Tenure-track appointment starting August 23, 1982. Assistant Professor, Department of History of Science, higher rank possible, depending on qualifications and experience. Salary is competitive. Ph.D. is required by September 1, 1982 and capacity for teaching the history of science at both the undergraduate and graduate levels, and for research in the history of science, as demonstrated by a doctorate in history of science or strong preparation in the history of science. The department offers a comprehensive range of courses, including general

surveys, advanced courses, and seminars. Enrollments currently run about 800 students per year. Graduate programs offer M.A. and Ph.D. degrees. The libraries' History of Science Collection provide a 50,000 volume teaching and research facility. The deadline for application, dossier, and three letters of recommendation is January 31, 1982. EOE/AA.

Contact: Dr. Kenneth L. Taylor, Chairman, Department of History of Science, 601 Elm Street, Room 621, University of Oklahoma, Norman, Oklahoma 73019.

10. University of Victoria, British Columbia, Canada

Description: A permanent appointment in the history of science and/or technology in the Department of History. Preference will be given to specialists in the inter-relationships of science and society. This appointment will be at the senior associate or full professor rank. Candidates must have a good publication and teaching record and be interested in interacting with colleagues in related disciplines. Rank and salary will be commensurate with the applicant's qualifications and experience. Letters of application, including a curriculum vitae, should be sent before February 1, 1982.

Contact: Dr. W. T. Wooley, Chairman, Department of History, University of Victoria, Victoria, B.C. V8W 2Y2 Canada.

ADDITIONAL NEW JOB ANNOUNCEMENTS RECEIVED:

11. Princeton University, Princeton, New Jersey

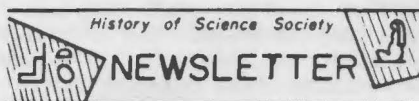
Description: The Woodrow Wilson School of Public and International Affairs at Princeton is searching for one, and possibly two persons, to teach and carry out research in the fields of science, technology and public policy analysis. Individuals applying should have experience in policy problems that raise important scientific issues or have substantial technological content. Background in science advising as well as policy analysis will be an important consideration for appointment. Candidates might come from natural science engineering, mathematics, social sciences, or history of science and technology. Appointment will be made at senior and/or junior level. It is possible that appointment might be joint with another academic department. Application should include vita and references.

Contact: Dean, Woodrow Wilson School, Princeton University, Princeton, New Jersey 08544.

12. Arizona State University, Tempe, Arizona

Description: Assistant Professor (tenure track) in the History/Philosophy of Science and Technology. Applicants should have demonstrated research ability in history and philosophy of twentieth century science or technology and be able to teach courses stressing the interactions among science, technology, and society, as well as more general contemporary social issues. Familiarity with either life sciences, especially evolutionary biology and bioethics, or philosophy of technology particularly desirable. Ph.D. required. Send complete dossier including vita, transcripts, letters of recommendation, and at least one sample of written work by February 15, 1982.

Contact: Chair, Search Committee, Department of Philosophy and Humanities, Arizona State University, Tempe, Arizona 85281.



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10th Anniversary - HSS Newsletter

This issue of the Newsletter marks the beginning of the second decade of publication of the History of Science Society news in a short quarterly periodical. The first number was published in February of 1972 and distributed to a membership of just over 1100 members. The newly elected Secretary, Roger Stuewer, became the initial editor. He established the basic outline for content still followed, with an emphasis on society news, announcements of various sorts, and individual activities. The Egyptian motif on the masthead was designed by the late Richard S. Schallenberg. Cost for mailing the first issue was 1.7¢ per copy (within the United States) and the printing was about 11¢ per copy. In the past decade the newsletter has grown in average number of pages per issue despite a reduction in type size to permit more words per page. In part this reflects the increasing activity of the field and a membership which today numbers over 1800. For example, in 1974, the year in which books received by Isis were first listed, 223 books were included; by 1981, 373 titles were printed. Costs, too, have escalated sharply. It now costs nearly 5¢ for postage and 26¢ for printing each copy. The newsletter has also gradually expanded coverage to include reports by committees and occasional editorials. The arrival of a third editor, the new secretary, may bring new initiatives as the newsletter begins its eleventh year.

ISIS:

NEWS OF FORTHCOMING BOOKS

The Editor is anxious to improve the speed and quality of the Book Review section of Isis. Editor, author, reader: all are best served by prompt and authoritative reviewing. To that end, it is of the greatest help to have advance intelligence of forthcoming books that should be reviewed. As authors, potential reviewers, readers, critics, "invisible college" members, conference participants, referees, gossips and grapevine tenders, the members of the Society (YOU) are more widely informed than the editorial team can ever hope to be about work in progress. What we need to know is not necessarily the date of publication, or even the publisher -- though both are valuable. Rather, we need to know NOW what works are in press. Please send author, title, publication date and publisher (if known), and suggested reviewers to: Book Reviews, Isis, Smith Hall/D6, University of Pennsylvania, 215 South 34th Street, Philadelphia, Pennsylvania 19104 U.S.A.