

## NEWSLETTER



VOLUME 27 NUMBER 4  
October 1998

# HISTORY OF SCIENCE SOCIETY

## HSS Hires New Executive Director



The Executive Committee of the History of Science Society, following the recommendation of Council at the 1997 Annual Meeting, is pleased to announce its decision to hire Robert J. Malone as the Society's first Executive Director. Malone, or "Jay" as he prefers to be called, was hired from an excellent field of candidates and officially will assume the Society's new position on 1 January 1999. He has already begun to work in the Executive Office, arriving in Seattle on 1 September, to replace Constance Malpas, who

served the Society very ably for the past two years as Executive Assistant and Executive Administrator. Constance left the Executive Office in July to move to France, where she will continue her academic pursuits.

The Society is extremely fortunate to have the talent of young historians of science like Constance and Jay. Most of you are aware that Constance was largely responsible for establishing the Society's Web page, for creating many of the electronic data bases the Society now uses, and for ushering the Society easily and seamlessly into the electronic age. Thanks to Constance, HSS is one of the most electronically-served academic societies in the country. Her dedication, hard work, perseverance, and creative thinking will be missed, not just in the Executive Office, but throughout the Society.

Jay brings many other skills to the Office. He completed his Ph.D. in the history of science at the University of Florida, where he worked under former HSS president Fred Gregory. For the past

several years, he has worked in several non-profit humanities and educational organizations, where he gained much experience in fund-raising, membership recruitment, and administration. Jay impressed the Executive Committee with his knowledge of the Society and his insights into areas in which it might be strengthened. In particular, after settling into the Executive Office, he plans to focus some of his attention in the two arenas of fund raising and membership recruitment.

At the present time, Jay is busily adjusting to life in the Pacific Northwest. With his wife and two children, he made the cross-country jaunt at the end of August and is still waiting to experience the much-rumored existence of Seattle rain! We are excited to have him in the Executive Office and we encourage all of our HSS colleagues to meet Jay in Kansas City. He is a welcome addition to the Society!

-Keith R. Benson

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## News of the Society

### History of Science Society membership list now on-line!

Members of HSS may now log on to [www.journals.uchicago.edu/HSS-PSA](http://www.journals.uchicago.edu/HSS-PSA), or follow the link from our web page, to locate other members and to update addresses and phone numbers. The directory, which includes members of the Philosophy of Science Association, offers searchable fields by name, institution, city, phone, fax, state, zip code, country, and e-mail. The site is maintained by the University of Chicago Press. The membership lists are copyrighted, and it is unlawful to use them for any solicitation or commercial purpose without prior written consent of the respective societies. We thank the University of Chicago Press for its work on this important project.

### Editorial changes coming

In an effort to simplify the *Newsletter*, future issues will carry shorter descriptions of jobs, fellowships, grants, and meetings. Essential information, such as deadlines and dates will still appear, so needed data to respond to these announcements will be readily accessible, and if further details are desired, the announcements in their entirety will be available on our Web site at [www.weber.u.washington.edu/~hssexec](http://www.weber.u.washington.edu/~hssexec). Since the Web site can offer more timely information than can the quarterly *Newsletter*, HSS members are encouraged to take advantage of this service offered by the Executive Office. The *Newsletter* is designed to help our members, and we are constantly looking for ways to improve its format and content.

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#### Moving?

Please notify *both* the HSS Executive Office and the University of Chicago Press at the above addresses.

#### HSS Newsletter Editorial Policies, Advertising, and Submissions

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

The *Newsletter* is edited and desktop published by Melissa Oliver in the Executive Office on an Apple Power Macintosh system using Microsoft Word and Aldus PageMaker. The format and editorial policies are determined by the Executive Secretary in consultation with the HSS Executive Committee and the Newsletter Editor. All advertising copy must be submitted camera-ready. Advertisements are accepted on a space-available basis only, and the Society reserves the right not to accept a submission. The rates are as follows:

Full page (9" long; 7.5" wide), \$350; Half page (4.5" long; 7.5" wide), \$200; Quarter page (3" long; 5" wide), \$100. The deadline for insertion orders and camera-ready copy is **six weeks prior to the month of publication** (e. g., November 15 for the January *Newsletter*) and should be sent to the attention of the HSS Executive Office at the above address. HSS recommends that all camera-ready ads be sent via overnight or 2-day mail to the *physical* address above.

The deadline for news, announcements, and job/fellowship/prize listings is firm: **The first of the month prior to the month of publication**. Long items (feature stories) should be submitted **six weeks prior to the month of publication** as e-mail file attachments or on a 3.5" disk (along with a hard copy). Please send all material to the attention of **Melissa Oliver** at the HSS address above (e-mail or disk appreciated).

## News of the Society

### History and Philosophy of Science in Action

Jane Maienschein, *University of Arizona*

On June 10, 1998, the House of Representatives Science Committee held a hearing on "The Role of Science in Making Good Decisions." This was the seventh in a series of hearings as part of the National Science Policy Study that Speaker of the House Gingrich asked Congressman Ehlers (the one Ph.D. scientist in the House) to conduct. Several key legal issues have arisen in recent years such that a serious discussion of what science is and how it should be used by government and by those who govern was warranted.

In 1993, the Supreme Court ruled in *Daubert v. Merrell Dow Pharmaceuticals* that judges must assess the reliability and relevance of potential scientific testimony. Since that time, the American Association for the Advancement of Science has been working with the American Bar Association to develop an informed approach to the effective use of science in the courtroom. How, in particular, can we ensure that scientific expertise is as untainted as possible by advocacy on either side of an issue?

Prominent in this discussion is philosopher and historian of science, Lindley Darden. I am serving during the term of the 105th Congress (1997-1998) as science advisor to our local Congressman Matt Salmon (1st District AZ). One day before this hearing a couple of lawyers, led by Ed Kutler from Metropolitan Life, walked into the office in Washington and asked whether I know Lindley. Of course, I responded, she is well known in the philosophy of science and history of science communities. They explained that she had written a brief for them about the nature of science. In particular, she had explained that science changes over time and had developed key examples to show how what is "good science" at one moment might well be replaced by other work. Some scientists have even received Nobel Prizes for work that was later set aside in light of new evidence and arguments.

These lawyers had worked with Lindley to produce this explanation in a form that would be compelling to those who know nothing about science. Recent court cases, all of which have been dismissed but which threaten to have a major chilling effect on scientists if any get any legal support, have claimed misconduct in cases where the science was vetted and approved through the normal rigorous peer review process. As the charter for the June 10 hearing explained, "Because the types of research needed to inform policy and legal questions are almost by definition contentious, exposing research organizations to litigation of this kind could have the effect of slowing or ceasing the very kinds of research we need most."

These lawyers had taken Lindley's paper to the Chairman of the House Committee on Science, Congressman James Sensenbrenner (WI), who had reportedly been quite impressed and who had found it very informative about how science works. Most of the public, those who have bothered to think much about science at all, assumes that science more or less acts by accumulating more knowledge bits

through time. Therefore, Lindley's explanation was extremely important in conveying that what is best in one time and place can give way to different and apparently contradictory claims without meaning that the earlier science represented any kind of misconduct.

At the hearing, Dr. Dennis Barnes spoke. Barnes had served as Associate Provost for Research at the University of Virginia and is now with the Southwestern Universities Research Association. He explained, in sworn testimony that is now part of the Congressional Record, that "In a recent paper, Dr. Lindley Darden of the University of Maryland wrote, 'science is an error correcting process.' In her paper, 'The Nature of Scientific Inquiry,' she examined the cases of four prominent scientists, three of whom won Nobel prizes. Although the body of their work still stands, she noted that some of their theories proved to be wrong and were subsequently corrected by their colleagues. 'Publishing a plausible hypothesis,' she notes 'plays the important role of placing it in the marketplace of scientific ideas . . . Individual scientists consider alternatives prior to publishing and choose the one that is best supported by the evidence they have at the time. Publication then allows the wider scientific community to continue the same process.' He calls for rethinking how we use the presumed expertise of scientific knowledge in the courts as a result of this understanding of the way that science works.

What Lindley has done is to take basic examples from the history of science and introductory principles from the philosophy of science and package them in a wonderfully effective way for use in the public arena. In the context of this unprecedented science policy study undertaken by Congress, this work has the potential for significant influence. It has evidently already had an impact on the Chair of the House Science Committee. Lindley has risen to the challenge extended by former NSF director and current National Science Advisor designee Neal Lane for scientists to step up and become involved as "public scientists." It will not help to stand aside and complain that our public officials do not understand science if we are not willing also to step up and help them understand. More of us should follow Lindley's excellent example.

### Special Rate available for HSS Members

Sage Publications offers HSS members a permanent 20% discount on subscriptions to the journal *Social Studies of Science*. For more information contact Jonathan Carter, Senior Journals Marketing Manager, SAGE Publications, 6 Bonhill Street, London EC2A 4PU, UK, Tel: +44 171 374 0645, Fax: +44 171 374 8741, E-mail: [jonathan.carter@sagepub.co.uk](mailto:jonathan.carter@sagepub.co.uk), SAGE OnLine: <http://www.sagepub.co.uk>



## News of the Society

### Direct Access to K-12 Science Teachers

Joe Cain

Contributing to K-12 education is harder than it sounds principally due to a lack of clear access points. Whom should you talk with at the start? How might information flow from your desktop towards K-12 classrooms and student investigations? Let's face it: many great contributions from HSSers go undeveloped due to the diffuse and decentralized nature of the pre-college universe.

HSS's Committee on Education (CoE) is continuing its work to expand the value of history of science within K-12 settings (the HSS Web site lists CoE's projects). In addition, one easy way HSSers can establish direct contact with teachers is by writing articles for trade publications in the teaching profession — the ones that, like *Isis* and the *HSS Newsletter*, come packaged with membership in a professional society.

HSSers wanting to reach science teachers in the United States, for example, can turn to the non-profit National Science Teachers Association (NSTA). With more than 53,000 members across North America and overseas, NSTA publications reach more K-12 classroom teachers than just about any other professional publication, offering HSSers some of the most useful and effective

access points available for placing better history of science in the hands of front-line educators.

Say, for example, you've developed several well-received classroom activities on the history of optics or electricity or cartography and have placed them on your department's Web site. Or you've found at your local science museum some truly useful materials about the history of telescopes and economic botany. Now you want to raise awareness about them among science teachers. Short notices and news items such as these are ideal for NSTA's 52-page newspaper, *NSTA Reports!*, published six times a year, widely read, and much anticipated by classroom teachers as a source of new ideas.

Or, perhaps, you've had a quick glance at one of the books your child uses as a text and take sharp offense at the hero worship or the triumphalist packaging of historical episodes. You want to produce a corrective so teachers have resources to engage the past in a serious and meaningful way. Publishing that material in teacher-directed periodicals might offer just such a solution. NSTA publishes journals for science teachers at four levels of practice:

- primary, grades K-5 *Science and Children*
- middle, grades 6-8 *Science Scope*
- secondary, grades 9-12 *The Science Teacher*
- college and university *Journal of College Science Teaching*.

NSTA also produces *Quantum*, designed for teachers and students in mathematics and dedicated to weaving mathematics into humanities curriculums and vice versa.

Included in these journals are activities for classroom use, articles designed to complement curriculum and to provide deep background for educators, and sophisticated discussions of what students should be learning, how, and when. The editors of these journals welcome submissions as any editor does. Articles are peer-reviewed by teachers and scholars and article lengths vary, but all are short compared to our own trade journals. Teachers make good and extensive use of articles appearing in journals like these. CoE members have received enthusiastic responses to the idea of HSSers submitting contributions. In short, the way is clear. Reaching into pre-university science settings has never been easier.

More information about NSTA publications, and sample articles, can be collected from NSTA's Web site ([www.nsta.org](http://www.nsta.org)) or directly from the managing editors of their publications. Of course, NSTA is but one professional organization for science teachers. At the secondary level, more specialized organizations also provide support for classroom science teachers. Several of the many are:

- American Association of Physics Teachers [www.aapt.org](http://www.aapt.org)
- American Chemical Society [www.acs.org/education/](http://www.acs.org/education/)
- American Geophysical Union [www.agu.org](http://www.agu.org)
- American Institute of Physics [webster.aip.org/education.html](http://webster.aip.org/education.html)
- Association of American Geographers [www.aag.org](http://www.aag.org)
- National Association of Biology Teachers [www.nabt.org](http://www.nabt.org)
- National Council for Geographic Education [www.ncge.org/publications](http://www.ncge.org/publications)
- National Council of Teachers of Mathematics [www.nctm.org](http://www.nctm.org).

Joe Cain is a lecturer in history and philosophy of biology at University College London and is a CoE member ([J.Cain@ucl.ac.uk](mailto:J.Cain@ucl.ac.uk)).



HSS Committee on Education Members meet in Washington, D.C.

## News of the Society

### National History Day

As you may know, each year an independent non-profit organization, National History Day, sponsors competitions on historical topics for students in grades 6-12. Modelled on the scholastic science fair, teams of students research topics related to the nation-wide theme, and produce History Day entries in one of several formats—written papers, table-top exhibits, theatrical performances, or multimedia presentations. Contests are held at regional, state, and, finally, the national level. Over 500,000 students in 48 states (not Montana, and, I'm sorry to say, New Hampshire) participate in the competition.

The NHD theme for 1998/99: "SCIENCE, TECHNOLOGY, INVENTION IN HISTORY: IMPACT, INFLUENCE, CHANGE"—nicely overlaps with the interests of many members of the History of Science Society. Hoping to increase interactions among HSS members and pre-collegiate educators, the HSS's Committee on Education (which I chair) met last spring with Dr. Cathy Gorn, Executive Director of NHD. We advised Ms. Gorn in her preparation of the bibliography in history of science, technology and medicine which is being distributed (to 40,000+ schools) in the booklet describing this year's theme. And we discussed how HSS members might become further involved in this year's competition.

In particular, Ms. Gorn is eager for HSS member participation at three levels: 1) Serving as keynote speakers or resource persons at state-wide workshops held in the fall for teachers and other adult advisors of the student teams, 2) Serving as judges in the regional, state, and

national competitions held in the late spring, and 3) Serving as "experts," available to be consulted electronically by student teams as they define their projects and conduct their research.

I am working with Ms. Gorn to coordinate HSS involvement. Please let me know if you would be willing to participate as described above. For levels 1 and 2, your name and address would be sent to the 48 NHD state coordinators, who might or might not contact you. For level 3, your name and e-mail address would be listed on the NHD national Web site (<http://www.thehistorynet.com/NationalHistoryDay>). Ms. Gorn estimates that no one, at any of these levels, would be inundated by requests.

This year's NHD provides a splendid opportunity to raise public interest in and awareness of our discipline. I and the Committee on Education sincerely hope you will join us in reaching out to this new audience. Of the six current members on the Committee on Education, three of us made our first contact with History of Science through the Harvard Project Physics we encountered in high school. How many future historians of science might this year's NHD attract?

Please contact me if you have any questions or would like to participate in one or more of the levels described above. You might also direct your questions to CoE member Bow Van Riper ([Bowdoin\\_Van\\_Riper@atlmug.org](mailto:Bowdoin_Van_Riper@atlmug.org)), who served as a local judge last year. See the July 98 HSS Newsletter, p. 19, for additional information.

Thanks for considering our invitation.

*Rich Kremer, Chair, Committee on Education, Department of History, Dartmouth College, Hanover, NH 03755, Voice: 603-646-2228, Fax: 603-646-3353, [richard.kremer@dartmouth.edu](mailto:richard.kremer@dartmouth.edu)*

## Publications Now Available from the HSS Executive Office

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### Current Publications

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- NEW!** \_\_\_\_\_ copy/copies of *Syllabus Sampler in the History of Non-Western Science* (\$5 U.S./Canada).
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- \_\_\_\_\_ copy/copies of *History of Science: A Guide for Undergraduates* (1 copy free; additional copies U.S./Canada \$1 each; other addresses \$1.50 each; all addresses \$.75 each for ten or more copies).
- \_\_\_\_\_ copy/copies of *History of Science Syllabus Sampler* (\$10 U.S./Canada; other addresses \$15).
- \_\_\_\_\_ copy/copies of *History of Science Society Membership Directory* (1995-1996). Now available at no cost.

**Total:** \$ \_\_\_\_\_

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Please make check or money order payable (in U.S. dollars) to the History of Science Society, HSS Executive Office, Box 351330, University of Washington, Seattle, WA 98195-1330. Phone (206) 543-9366; Fax (206) 685-9544.

## HSS Employment Survey Results

### HSS EMPLOYMENT SURVEY REPORT, 1997-1998

*By Amy Sue Bix, Iowa State University*

This report covers searches made during the 1997-1998 academic year for positions beginning in or about the fall of 1998. HSS sent questionnaires to a total of 52 institutions; of those, we received completed, usable responses from 35 institutions which had advertised for a total of 42 positions in the United States, Canada, Britain, and Germany. Thirteen job-seekers also responded to an HSS questionnaire by e-mail. We greatly appreciate the time and effort all these people devoted to completing the HSS material.

Out of a total of 42 positions covered in this survey, 6 jobs were either not yet filled or had been withdrawn due to budget problems or other factors. Thus, this survey covers a total of 36 completed searches. Survey results have been categorized to show 1) History (and/or Philosophy) of Science, Technology, and/or Medicine (HP/STM) represented the primary area of expertise desired; 2) HP/STM was a desired secondary or supporting area of expertise; or 3) HP/STM was one of several possible areas of expertise.

Of the 24 job searches announced in category 1 (HP/STM primary interest), 12 were permanent and 12 were temporary. The 9 permanent positions that were actually filled went to 4 male candidates (44.4% of the total number of successful applicants) and 5 female candidates (55.6%). Of the 11 temporary positions filled, 4 males (36.3%) and 7 females (63.7%) received jobs. Of the 20 total positions filled, at least 8 of the successful applicants held a Ph.D. in HP/STM; others had earned doctoral degrees in sociology, philosophy, history, or alternate fields.

Of the 9 searches in category 2 (HP/STM desired secondary), the 8 permanent positions went to 4 male (50%) and 4 female candidates (50%); the 1 temporary position had not yet been filled by the time of our survey. None of the successful applicants for those jobs had a Ph.D. specializing primarily in HP/STM.

With 9 searches in category 3 (HP/STM possible), 6 were permanent, 3 temporary. The 5 permanent positions actually filled went to 2 male candidates (40%) and 3 female candidates (60%). The three temporary positions went to 1 male candidate (33.3%) and 2 females (66.7%). Of the 8 positions filled, 2 of the successful applicants held a Ph.D. in HP/STM.

*(Continued on page 8)*

#### CATEGORY 1: HP/STM WAS THE DESIRED AREA OF EXPERTISE:

	Job Description			Rank Offered	Successful Candidate
	Field	Background	Advertising Media		Gender, "protected class," Degree: date, field
<b>PERMANENT:</b>					
Univ. of CA, Davis	S, T, PS	D	4,5,7	Asst. Prof	M, NR, D:1998, Sociology
MIT	S, T	D, A	1,2,3,4,5,6,7	Asst. Prof.	F, no, D: 1995, HP/STM
Dartmouth	S, PS	D	2,4,6,7	Assoc. Prof.	M, no, D: 1991, Philosophy
Minnesota, Univ. of	T	D	1,2,4,5	—————	position not filled
Harvard (non-tenure tr.)	S, T, M	D	1,2,3,4,6	Asst. Prof.	F, no, D: NR, HP/STM
Alberta, Univ. of	S, M	D, T	1,7	—————	position not filled
Chicago, Univ. of	S, T, M	D	1,2,4	—————	position not yet filled
Wesleyan Univ.	S	D	1,4	Asst. Prof.	F, no, D: 1996, HP/STM
Sarah Lawrence	S, M	D	2,5,6,7	non-ranked	F, no, D: 1995, HP/STM
Cambridge Univ.	NR	NR	NR	NR	M, no, D: NR
Univ. of CA, San Diego	S,T,M,PS	D, T	1,4	Assoc. Prof.	F, NR, D: 1990, NR
North Carolina State	T	D	1,2,4,5	Asst. Prof.	M, no, D: 1997, HP/STM
<b>TEMPORARY:</b>					
Iowa State Univ.	S, T	D, T	2,4,5,6	Asst. Prof.	F, yes, D: 1995, HP/STM
Franklin & Marshall	S, M	———	1,4,6	Asst. Prof.	M, no, D: 1997, HP/STM
Wisconsin, Madison	M	D	1,2,3,4	—————	position not needed after all
Maryland, College Park	T, STS	D	6	Asst. Prof.	F, NR, D: NR, Amer. Civil.
Rensselaer Polytechnic	S, T	D, T	4,5	Asst. Prof.	M, no, D: 1990, History
UCLA	S, T, M	D	4	Postdoc.	F, NR, D: 1996, HP/STM
Max Planck Inst., Berlin (six postdoc. positions)	NR	D	4, 7	6 postdocs	M, F (no breakdown), no, D: NR, HP/STM, History, other

## HSS Employment Survey Results

### CATEGORY II: HP/STM WAS A DESIRED SECONDARY AREA OF EXPERTISE:

	Job Description			Rank Offered	Successful Candidate
	Field	Background	Advertising Media		
					Gender, "protected class," Degree: date, field
<b>PERMANENT:</b>					
Bates College	other	NR	2,7	NR	F, no, D: 1998, STS
Central Conn. State	T	D, T	1,2,4	Asst. Prof.	M, no, D: 1997, History
Hartwick College	NR	D, T	2	Asst. Prof.	F, no, D: 1997, History
Washington, Tacoma	S, T	D, T	1,2,6	Asst. Prof.	M, no, D: NR, Political Theory
Rhode Isl. Hist. Soc.	T	T, A, M	5	NR	M, no, D: NR, History
NY Acad. Of Med.	NR	NR	2,6,7	Ref. Librarian	F, NR, D: 1997, MLS
NY Acad. Of Med.	NR	NR	2,6,7	Ref. Librarian	F, NR, D: 1993, MLS, MA Hist
MIT	STS	D, A	1,2,3,4,5,6,7	Asst. Prof.	M, no, D: 1995, Hist of Consc.
<b>TEMPORARY:</b>					
Dayton, Univ. of	S, T	D, T	1,6	————	position not yet filled

### CATEGORY III: HP/STM WAS ONE OF SEVERAL POSSIBLE AREAS OF EXPERTISE:

	Job Description			Rank Offered	Successful Candidate
	Field	Background	Advertising Media		
					Gender, "protected class," Degree: date, field
<b>PERMANENT:</b>					
Emory-Riddle Univ.	NR	D, T	2,6,7	Asst. Prof.	M, NR, D: 1997, History
Rochester, Univ. of	NR	NR	1,2	Prof.	F, NR, D: 1968, NR
Cornell Univ.	S, M	D, T	1,2,3,4,5	————	search postponed
Dundee, Univ. of	NR	D, PH	7	Lecturer	F, NR, D: 1992, NR
Southern Indiana U.	S, T	D, T	1,2	Prof.	M, no, D: 1968, HP/STM
Calgary, Univ. of	NR	D	2,7	Prof.	F, NR, D: NR, History
<b>TEMPORARY:</b>					
Cornell Univ.	S, M	D	1,2,3,4,5	Postdoc	M, no, D: 1994: HP/STM
Rice Univ.	NR	D	2,6,7	Postdoc	F, NR, D: 1998, History
Yale Univ.	NR	D	1,2,6,7	Asst. Prof.	F, no, D: 1993, Modern Thought and Literature

#### KEY:

Field:		Background:		Advertising Media:	
S	History of Science	D	Ph.D. Required	1	AHA Newsletter
T	History of Technology	A	Archival Training, Experience	2	Chronicle of Higher Education
M	History of Medicine	M	Museum Training, Experience	3	AAHM Newsletter
PS	Philosophy of Science	PH	Public History	4	HSS Newsletter
STS	Sci, Tech, and Society	T	Teach American or Western History Survey	5	SHOT Newsletter
				6	H-Net, Web sites, other electronic media
				7	Other

NR: No (clear) Reply



## HSS Employment Survey Results

### Employment Survey Report

(Continued from page 6)

The previous tables summarize the information derived from this year's completed surveys. It is worth noting that we have added a new category to those used in the past to indicate where jobs had been advertised. Given the increasingly large number of institutions which indicated that they had posted notices of openings on the HSS web site or other web sites, in the H-Net Job Guide or H-Net lists, or through other computer outlets, we have added a symbol to stand for advertising in electronic media. Such a development should underline for job seekers the importance of keeping a close eye on the Internet for the latest opportunities. Evidence from the survey of graduate students' experiences indeed suggests that many have begun relying on computer postings as a source of information. One respondent suggested that HSS should broaden its efforts, making a special effort to call attention (through cross-postings and Web links) to jobs available in philosophy and sociology of science and technology. Another person wrote, "The HSS Web site is by far the best source that I know of for up-to-date job listings in the field. Kudos to HSS!"

Good conclusions depend on the number and quality of input data. Our information is constrained both by the possibility of our missing some searches in the survey process and by the number of institutions that either provide incomplete information or fail to return the survey at all. The numbers involved here are small enough that minor errors or uncertainties may cause great differences in results. The question asking about applicants from "protected classes" especially evoked ambiguous or incomplete responses.

Regarding concerns of the HSS Women's Committee, results of this year's employment situation suggest encouraging signs for the openness of the history of science field to female graduates. Of the 36 permanent and temporary positions filled this year (at least as documented in survey returns), 21 (58.3%) went to women. That does not mean that employment has become easy, of course, and it is impossible to draw firm conclusions from any single year's evidence. Moreover, since questions about the total number and gender balance of applicants were omitted from this questionnaire, we do not know what percentage of the overall applicant pool women constituted, nor precisely how competitive the job market was this year. For their part, graduate students still express some of the perennial complaints about the job-seeking process, especially the frustration of dealing with search committees that fail to communicate promptly or clearly.

We hope to continue refining the survey process to increase the usefulness of information collected next year. If any readers have suggestions on how to improve this effort, please send them to: Amy Bix, 633 Ross Hall, History, Iowa State University, Ames, IA 50011 or, via e-mail: [abix@iastate.edu](mailto:abix@iastate.edu). Many thanks to Constance Malpas, Melissa Oliver, and others at the HSS Executive Office for assembling the list of positions and sending out questionnaires; thanks also to Gwen Kay, Karen Rader, Julie Newell, and the HSS Women's Caucus for their vital assistance.

## News & Inquiries

### Journal of the History of Biology

Everett Mendelsohn began the *Journal of the History of Biology* in 1968 and has remained as editor since then, joined by Shirley Roe as assistant and then co-editor. Their combined efforts have provided an impressive 31 volumes of this important outlet that has helped to shape the history of the biological sciences. Beginning with volume 32, Garland Allen (Washington University) and Jane Maienschein (Arizona State University) will serve as co-editors. Starting immediately, correspondence should be sent to the editorial offices at: Journal of the History of Biology, Biology Department, Box 871501, Arizona State University, Tempe, AZ 85287-1501. E-mail: [jhb@asu.edu](mailto:jhb@asu.edu). Also, beginning with volume 32, a special reduced individual subscription rate of \$50 will be available to members of the International Society for the History, Philosophy, and Social Studies of Biology when paid through the organization.

### International Society for the History of Arabic and Islamic Science and Philosophy

The *Newsletter* of the Société Internationale d'Histoire des Sciences et de la Philosophie Arabes et Islamiques (International Society for the History of Arabic and Islamic Science and Philosophy) can now be accessed at the Web site: <http://hsc.tamu.edu/humanity/newsletter/index.html>. The *Newsletter* contains meetings and publications pertaining to science and medicine in the Arab and Islamic world from Graeco-Roman times to the present. The electronic version is a companion to, not a replacement of, the printed *Newsletter*. The hard copy will still be continued to be mailed in February, June, and October.

### The J.R. Kantor Research Fellowship

The J.R. Kantor Research Fellowship - Archives of the History of American Psychology for 1998-99 has been awarded to Thomas Blass of the University of Maryland, Baltimore County. His project is "Research Toward a Biography of Stanley Milgram." This Fellowship, offered to promote research in the history of psychology, is supported by the sale of books published by the Principia Press and distributed by the Archives. Proposals that draw on any of the resources of the Archives are invited, but since this award is in honor of Dr. Kantor, preference may be given to projects that are relevant to a behavioral viewpoint. The Fellowship will be offered annually in the amount of \$750. It is intended to assist the recipient in meeting travel and living expenses while using the resources of the psychology Archives. A fact sheet describing the Fellowship and giving deadlines for 1999-2000 may be obtained from the Archives. Write or call: Dr. John A. Popplestone, Psychology Archives, The University of Akron, Akron, Ohio 44325-4302, (330) 972-7285, Fax: (330) 972-6170. E-mail: [jpopplestone@uakron.edu](mailto:jpopplestone@uakron.edu).



## Awards, Honors, & Appointments

**Hamilton Cravens** has been appointed to a short-term residency for the Organization of American Historians at Tohoku University to lecture on American cultural and intellectual history, including the history of science, for two weeks 20 October - 3 November 1998.

**Walter Grunden** recently completed his dissertation entitled "Science under the Rising Sun: Weapons development and the organization of science in World War II Japan" at the University of California, Santa Barbara (1998).

**Christopher Hamlin** has been promoted to professor and appointed chair of the Department of History at the University of Notre Dame.

**Klaus Hentschel** has been awarded the 1998 Marc-Auguste-Pictet Prize, awarded by the Société de Physique et d'Histoire Naturelle de Genève, for his 1995 habilitation thesis on the interplay of instrumentation, experiment and theory in spectroscopy and interferometry, 1880-1960, which has just been published as a two-volume book. The prize ceremonies will be held in Geneva in November 1998.

HSS members **Richard Kremer** (Dartmouth College) and **Michael Shank** (University of Wisconsin-Madison) were recently awarded two NSF grants to support a project on Regiomontanus and 15th-century astronomy. Kremer and Shank are currently at work on a book concerning a major—but heretofore unstudied—text by Regiomontanus.

**Patrick McCray** has been awarded an NSF Professional Development Fellowship in Science and Technology Studies to prepare a history of the Steward Observatory Mirror Laboratory at the University of Arizona. This work will also examine the interaction of scientific instrumentation and theory using the manufacture and use of very large ground-based telescopes as an example.

The New York Academy of Medicine is pleased to announce that **Chandak Sengoopta** of the Wellcome Institute for the History of Medicine has been designated the 1998 Paul A. Klemperer Fellow in Medical History.

**Lynne Stark** recently completed her dissertation entitled "The Gaia Hypothesis and the Re-Animation of Nature" at the University of California, Santa Barbara (1998).

Arizona State University is pleased to announce that we have hired **Dr. James Strick** as a tenure-track Assistant Professor in the Biology and Society Program, an interdisciplinary program housed in the Biology Department. Strick received his Ph.D. from Princeton University in 1996 where he studied the origins of life in the late nineteenth century. He has received NASA support for research into twentieth century origins of life study and is part of ASU's new NASA-funded Astrobiology center. Dr. Strick has been at ASU for two years as a Dibner Postdoctoral Fellow through the History of Science Society. His new position was created by our Dean because of the Dibner grant and because of Strick's brilliant teaching, mentoring, and research record during his postdoctoral years. We thank the HSS, Keith Benson, Bernie Lightman, and the Dibner program for making this possible, and we are delighted to have created this history of science position in the Biology Department. We hope that other institutions have equally creative deans and departments so that the Dibner program can generate more positions in our field.

**Michele Thompson** has accepted a tenure-track position in the Department of History at Southern Connecticut State University, effective 1 September 1998.

**Dora B. Weiner**, Professor of the Medical Humanities at UCLA, has received a joint appointment as Professor of History. She was recently elected a corresponding member of the Académie des sciences, inscriptions et belles lettres of Toulouse.

### The Essential Resource

## ISIS CUMULATIVE BIBLIOGRAPHY

1986—1995

JOHN NEU, EDITOR

The third supplement to the *Isis Cumulative Bibliography*, 1913—1965, edited by Magda Whitrow cumulates the annual bibliographies published in the *History of Science Society's* journal *Isis* in the years 1986 through 1995. The increase in the literature during the last decade necessitates publication in four volumes: Volume One (496pp.), Persons: A—L; Volume Two (480pp.), Persons M—Z, Institutions; Volume Three (640pp.), Subjects, Time Periods: Antiquity—18th Century; Volume Four (739pp.), Time Periods: 19th—20th Centuries, Book Reviews.

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## News & Inquiries from our Members



Attendees at the Russian/US History of Science meeting gather on the steps of the Chemical Heritage Society in Philadelphia this past August

### Russian/US History of Science Meeting

Supported by a generous grant from the Lounsbery Foundation, the second meeting between Russian and US historians of science was held in Philadelphia, from 10-12 August 1998. Organized by Nate Reingold and Daniel Alexandrov, this year's conference had as a topic "The Life Sciences in the United States and Russia: Biology, Ecology, Agriculture, and Medicine." Thirteen Russian historians of science from Moscow and St. Petersburg, including eight graduate students, gathered together with over twenty US scholars to discuss thirteen invited papers and a variety of research topics. The American Philosophical Society and the Chemical Heritage Foundation supported the conference by generously hosting two receptions to honor the attendees.

### Commission on the History of Modern Chemistry

The CHMC is a commission of the International Union of History and Philosophy of Science/Division of History of Science (IUHPS/DHS). The aim is to focus interest on, and to create a framework for, research in the history of modern chemistry, with particular emphasis on twentieth-century chemistry and its relationship to the biomedical sciences, physics, instrumentation, and technology.

- CHMC organizes scientific symposia at the International Congresses of the History of Science and, if possible, arranges meetings between congresses.
- CHMC establishes an efficient means of communication for historians of chemistry from all over the world through its electronic news bulletin and its mailing list, CHEM-HIST.
- CHMC maintains contacts with other scholarly associations and societies devoted to the history of chemistry, the history of science, and the history of technology. It cooperates with other DHS commissions and scientific sections.
- CHMC collects data for a World Directory of historians of chemistry.
- CHMC seeks to encourage other initiatives in the historiography of modern chemistry.

According to IUHPS/DHS statutes, Historical Commissions are international associations financially dependent upon DHS. They report annually to the Secretary General and submit reports on their activities to each General Assembly. There is no formal membership. Everybody with a scholarly or professional interest in the history of chemistry who communicates and cooperates with the Commission will be considered a member. Business is run by an Executive Committee approved by the IUHPS/DHS Council. An Advisory Board assists in planning and evaluating our work. Meetings and Conferences are prepared by their Program Committees. To be kept informed about the work of the Commission on a regular basis send an e-mail to <maiser@listserv.ngate.uni-regensburg.de> with the command "subscribe chem-hist" in the body of your message. Inquiries should be sent to one of the Executive Secretaries: Dr. Peter Morris, The Science Museum, London SW7 2DD, United Kingdom; Dr. Anthony Travis, Sidney Edelstein Center, The Hebrew University, Levy Building, Givat Ram Campus, Jerusalem 91904, Israel; or to the President: Prof. Christoph Meinel, Lehrstuhl für Wissenschaftsgeschichte, Universität Regensburg, D-93040 Regensburg, Germany.

### The Center for Medieval and Renaissance Natural Philosophy

The Center for Medieval and Renaissance Natural Philosophy, founded in 1998, is a research center which promotes the study of natural philosophy and science in its formative period between the late Middle Ages and the seventeenth century. It is embedded in the Department of Ancient and Medieval Philosophy of Nijmegen University, whose faculty library houses the largest collection of books on philosophy in the Netherlands and one of the world's largest microfilm holdings of manuscripts in the fields of medieval logic and natural philosophy.

The Center integrates the research of six fellows who are attached to the research program "From Artes to Science: The Commentary Literature on Aristotle's Physics, 1250-1700" funded by the Netherlands Organization for Scientific Research (NWO). For more information, please e-mail Hans Thijssen (hthijssen@phil.kun.nl) or Christoph Lüthy (luethy@phil.kun.nl); tel +31-24-3615655/5750; fax +31-24-3615564.

## News & Inquiries from our Members

### RAND Opens its Archives for Scholarly Research

The RAND Corporation marks its 50th anniversary in 1998. A non-profit institution dedicated to research and analysis in the public interest, RAND takes this occasion not only to look to the future, but also to broaden its effort to document its first half century. RAND's aim is to see this documentation appear as a group of scholarly publications available to all who have an interest in the institution, its work, and the broad variety of subjects in which it has been engaged. RAND invites academic historians and analysts in the fields of public policy and science and technology studies to help achieve this objective. While RAND researchers and staff members are invaluable to our history project as sources of data and experience, RAND employees are not participating in this work as authors. A "vanity history" is far from our purpose. Participating scholars are offered access to RAND's newly opened archives, which are rich and diverse in content. RAND has conducted research across a broad spectrum of scientific, methodological and policy issues—concentrating on matters at the leading edge of public concern. We believe historical materials and records of these efforts offer scholars unique insights to past and present developments in many substantive fields. Faculty and graduate students interested in learning more about the RAND history project are encouraged to access the RAND Web site at [www.rand.org](http://www.rand.org) or to contact Gustave H. Shubert, the RAND Senior Fellow who is coordinating this activity, at RAND (1700 Main Street, P.O. Box 2138, Santa Monica, CA 90407-2138, 310-451-6947), or via the Internet ([shubert@rand.org](mailto:shubert@rand.org)).

#### Thanks to these HSS members who participated in the Sponsor- a-Scholar Program in 1998!

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For further information about this program, please contact the HSS Executive Office at 206-543-9366, or email: [hssexec@u.washington.edu](mailto:hssexec@u.washington.edu).

## Jobs, Fellowships/Grants, & Prizes

We invite you to peruse our electronic site for listings of history of science-related job opportunities, fellowships and grants, and prizes. URL is: <http://weber.u.washington.edu/~hssexec/index.html>. Notices are brought to the History of Science Society's attention between quarterly publication of the HSS Newsletter, and some items are drawn (and often condensed) from a variety of sources, including the Chronicle of Higher Education. The Society does not assume responsibility for the accuracy of any item, and potential applicants should verify all details, especially closing dates, with the organization or foundation of interest.

For those who wish to publish a job, fellowship/grant, or prize via our listings, please send an electronic disk version of the posting or submit it via e-mail. Our mailing address is History of Science Society Executive Office, Box 351330, University of Washington, Seattle, WA 98195-1330. Our e-mail address is [hssexec@u.washington.edu](mailto:hssexec@u.washington.edu). Our fax is 206/685-9844 and our telephone number is 206/543-9366.

## JOBS

### Allegheny College

Modern Europe (19th-20th centuries). A tenure-track assistant professorship beginning September 1999. Ph.D. and teaching experience required; publications desirable. Geographical focus in Central or Eastern Europe, or Russia. Ability to teach general European and national surveys, as well as one or more of the following specializations: history of science, environmental history, history of population migrations. Send application letter, curriculum vitae, graduate transcripts, and three current references to: Stephen Lyons, Chair, Search Committee, History Department, Allegheny College, Meadville, Pennsylvania 16335. Selected candidates will be interviewed at the AHA. Deadline for receipt of all application materials is 1 November 1998.

### Encyclopaedia Britannica

The Encyclopaedia Britannica is hiring six (6) editors to revise and maintain our coverage in the sciences. Editors are required for the following fields: physics/astronomy; chemistry/geology; biomedical sciences; biological sciences; anthropology/archaeology; sociology/psychology. These are full-time positions located in Chicago, Illinois. Review of applications begins immediately, and searches will continue until all positions are filled. **ROLE:** Functions both as editor and coordinator of editorial activity for their subject area. **IN-HOUSE RESPONSIBILITIES:** 1) Plans (with other editors and outside contributors) coverage and presentation of subject area; organizes implementation of revision plans; 2) Edits 1350 words/day; 3) Monitors outside fact-checking and reviews bibliographies submitted

by contributors; 4) Works with in-house photo editors/producers to select appropriate illustration and multimedia material for articles. **OUTSIDE RESPONSIBILITIES:** 1) Maintains regular contact with leader of outside subject area or geographic area team; 2) Selects contributors from recommendations provided by outside team; 3) Works with team leaders to commission articles and maintain communication with contributors. **EDUCATION/TRAINING:** M.A. or Ph.D. in relevant field strongly preferred. Certain types of professional experience and broad contacts in the field can be considered a substitute. **EXPERIENCE:** Significant writing and editing experience; experience with electronic (Web or CD) publishing desirable; experience with editorial publishing systems. **SKILLS/KNOWLEDGE:** Strong editing and writing skills, preferably in Web or CD publishing; project management skills; ability to work well with others; knowledge of or ability to understand technical issues of online publishing. **CONTACT:** Bob Bianchetta, Human Resources, Encyclopaedia Britannica, 310 S. Michigan Avenue, Chicago IL 60604; [rbianche@eb.com](mailto:rbianche@eb.com).

### Iowa State University

Iowa State University invites applications for an assistant professor, tenure track position in the History of Technology and/or Science, Europe or U.S. since 1800. Responsibilities include teaching introductory and graduate courses. Requirements include Ph.D. by time of appointment and demonstrated commitment to scholarly research and publication. Strong preference given to someone who specializes in the history of chemistry, medicine and/or technology, studies continental Europe, especially Germany or France, and takes an intellectual history approach. Evidence of successful classroom teaching also preferred. Deadline 11 December 1998, or until the position is filled. Salary commensurate with qualifications. Women, minorities, and members of other protected groups are encouraged to apply. Iowa State University is an EO/AA employer. Send letter of application and credentials, including three letters of recommendation, to Professor Alan I. Marcus, Department of History, Iowa State University, Ames, Iowa 50011-1202.

### Max Planck Institute

The Max Planck Institute for the History of Science in Berlin announces a research position (BAT IIa in German system/Assistant Professor level U.S. system) for two years (with the possibility of a renewal for one year), beginning 1 April 1999. The position will belong to an independent research group on the history and philosophy of chemistry organized by Ursula Klein. Projects on the following topics are particularly welcome: Functions of abstract diagrams, graphs, formulae and tables in 19th century natural history, relations between 19th-century chemistry and natural history, forms of



## Jobs, Fellowships/Grants, & Prizes

representation in the history of chemistry (18th - 20th century), relations between academic chemistry, and chemical workshops or industry in the 18th and 19th centuries. Women are encouraged to apply. Qualifications being equal, precedence will be given to candidates with disabilities. Candidates are requested to send a curriculum vitae, publication list, research prospectus (maximum 1000 words), and two letters of recommendation no later than 30 November 1998 to: Max Planck Institute for the History of Science, Abt. Personal, Wilhelmstrasse 44, 10117 Berlin, Germany.

### National Science Foundation

The Division of Science Resources Studies (SRS) of the National Science Foundation, is advertising to fill at least two positions in the near future. This is the division that has responsibility for collecting, analyzing, and disseminating data on the enterprise of science and engineering in the U.S. (education and employment of scientists and engineers, spending on research and development in all sectors of the economy, public attitudes towards science, outcomes of science and engineering). These positions are for analysts in the division, to work with large scale survey data examining policy issues in science and engineering and overseeing the development of particular surveys. These particular positions have a great deal of career-building potential and should be of great interest to nearly completed- or recent-PhDs in the social sciences, or for young people with comparable experience. Copies of the vacancy announcements that explain what the general duties and responsibilities will be, how applications will be ranked, and how to apply are available on the NSF Homepage, at <http://www.nsf.gov/home/chart/start.htm>, under Vacancies, then under Scientific and Professional. The SRS Homepage, that gives a good deal of information about the scope of work at SRS, is at <http://www.nsf.gov/sbe/srs>. The salary level we hire at will depend on the experience and qualifications of the applicant, but it ranges from \$39,270 to \$72,758. Potential applicants who have any questions about these positions or how to apply may call Jeanne E. Griffith at 703-306-1785, or send an email to [jgriffit@nsf.gov](mailto:jgriffit@nsf.gov).

### Rensselaer Polytechnic Institute

The Department of Science and Technology Studies invites applications for a tenure-track position open at the assistant professor level. Completed PhD preferred. The ideal candidate should have a research interest in the history of information technology, and should be able to teach introductory U.S. history courses as well as advanced undergraduate courses in the history of technology. The candidate is expected to contribute to the graduate programs in STS and to work well in an interdisciplinary environment that includes the humanities and social sciences at the department level, as well as the natural sciences and engineering disciplines in Rensselaer's new multidisciplinary, undergraduate program in information technology.

Some combination of the following research and teaching interests is also desirable: material culture, technology and design, law and policy, and values and professional ethics. The department has a full range of STS degree programs from BS to PhD. Rensselaer is an equal opportunity/affirmative action employer and encourages applications from women and members of minority groups. Send c.v., the names of three references, and one example of work to John Schumacher, Chair, STS Department, Rensselaer Polytechnic Institute, Troy, New York 12180-3590. Screening will begin 1 November 1998, and will continue until the position is filled. Applications received after 1 November 1998, cannot be guaranteed full consideration. Starting date is August, 1999.

### Royal Institute of Technology

The Department of History of Science and Technology at the Royal Institute of Technology (KTH), Stockholm, Sweden (School of Mechanical and Materials Engineering Department of Manufacturing Systems) is accepting applications for a chair in History of Technology. The History of Science and Technology Division has a staff of about twenty, half of them doctoral students, and today constitutes the largest research environment in history of technology in the Nordic countries. The ambition of the Division is to strengthen and develop this research environment in close collaboration with other research environments in Sweden and beyond. The Division also has a chair of industrial heritage research. The candidate for the professorship must function as a leader of a dynamic and wide-ranging field of operations with a multi-disciplinary range and emphasis. In addition to the normal scientific qualifications and teaching skills we shall attach much importance to leadership qualities and ability to work in a team. Information concerning the professorship will be supplied by Professor Marie Nisser, tel. 08-790 8573, e-mail [nisser@tekhist.kth.se](mailto:nisser@tekhist.kth.se) the head of the department. Associate Professor Bengt Rundqvist, tel. 08-790 7486, e-mail [bengtr@cadcam.kth.se](mailto:bengtr@cadcam.kth.se) and the dean of the school, Professor Bo Lindström, tel. 08-790 8301/7822, e-mail [bolm@matpr.kth.se](mailto:bolm@matpr.kth.se). The personnel manager, Jaak Berendsen, tel. 08-790 7028, e-mail [jaak@admin.kth.se](mailto:jaak@admin.kth.se), will supply information on conditions of salary and employment.

### Southwestern University

The History Department at Southwestern University invites applications for a full-time, tenure-track assistant professor position in British History and the History of Science, to begin August 1999. Ph.D. is required. Teaching experience is desirable. Teaching responsibilities include one section of World Civilizations each semester, in a three-course per semester teaching load. Ability to teach on the Early Modern period and to offer an occasional course on Colonial America would be advantageous. For more information visit our Web

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site at [www.southwestern.edu](http://www.southwestern.edu). Interested persons should send a letter of application, curriculum vitae and three letters of recommendation to: Southwestern University, Faculty Recruitment Office, British History/History of Science Search, Job #9901, P.O. Box 770, Georgetown, TX 78627-0770. Application deadline is November 10, 1998. Interviews of finalists will take place at the AHA meeting in Washington, D.C. Women and minority candidates are encouraged to apply. Southwestern University is an Equal Opportunity Employer.

### Stanford University

The Departments of Classics and Philosophy in conjunction with the Program in the History and Philosophy of Science at Stanford University are searching to make an appointment beginning in AY 1999-2000 at the rank of tenure-track assistant professor for a historian or philosopher of early science, broadly construed to include both ancient science and its transmission and reception in late antiquity through the early Renaissance. Subject area is open, including both biological and mathematical sciences, medicine, and comparative work on western and non-western science. Position is at the assistant professor level. Please send an application, cv, sample of written work, and three letters of recommendation to Professor S. A. Stephens, "Early Science Search Committee," Department of Classics, Stanford University, Stanford CA 94305-2080 no later than December 1, 1998. Stanford is an Equal Opportunity employer; applications from women and diversity candidates are welcomed.

### University of Notre Dame

The University of Notre Dame invites applications for a tenure-track assistant professorship in early modern Europe specializing in the history of science and ideas. The successful candidate will be expected to teach European history survey courses as well as graduate and advanced undergraduate courses in the history of science and ideas. Breadth of interest and excellence in teaching expected. Review of applications will begin 1 December 1998. Send letter of application, cv, and letters of recommendation to Christopher Hamlin, Chair, Department of History, University of Notre Dame, Notre Dame, IN 46556. Notre Dame, a research university in the Catholic tradition, is an AA/EOE.

### University of Notre Dame

The Program of Liberal Studies, a Great Books department with 150 undergraduate majors, founded in 1950, with its own faculty drawn from various disciplines and committed to an integrated program of studies, seeks a historian of science or philosopher of science for a tenure-track position beginning Fall 1999. Specialization open. Undergraduate teaching responsibility will be in the three-semester science component

of the Program of Liberal Studies, conducted through primary texts and laboratory experience. In addition, the candidate is expected to teach Great Books seminars and direct senior theses. The candidate will also have the opportunity to participate in the Notre Dame graduate Program in History and Philosophy of Science. Ph.D. required. Strong publication program and evidence of superior teaching expected. Salary and research support more than competitive. Teaching load 2/2. Notre Dame is an Affirmative Action/Equal Opportunity Employer. Catholics, women and ethnic/racial minorities are strongly encouraged to apply. Interviews with selected candidates whose applications have been received by October 12 will be held at the History of Science Society/Philosophy of Science Society joint meeting in Kansas City, MO (October 22-25). Please send letter and vita to F. Clark Power, Chair, Program of Liberal Studies, University of Notre Dame, Notre Dame, IN 46556. For information about the Program and the University visit [www.nd.edu/~pls](http://www.nd.edu/~pls).

### University of Oklahoma

The Honors College at the University of Oklahoma invites applications for two tenure-track positions at the rank of assistant professor. Candidates' research and teaching interests should be in one of the following areas: science studies or the history, sociology, or philosophy of science with an emphasis on information technology. The Honors College is interested in candidates who are committed to interdisciplinary teaching and research. Ph.D. must be completed by the time of appointment, August 1999. Teaching experience and a record of scholarly activity are preferred. Send dossiers, including c.v. and three letters of reference to Dean Steven M. Gillon, Search Committee, Honors College, The University of Oklahoma, 1300 Asp Avenue, Norman, Oklahoma 73019-6061. Applications will be reviewed beginning October 15 and the search process will continue until the positions are filled. The University of Oklahoma is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. The University has a policy of being responsive to the needs of dual career couples.

### University of Pennsylvania

The University of Pennsylvania, Department of History and Sociology of Science, invites applications for a tenure-track assistant professorship in the history of twentieth-century technology, specialization open. Candidates at all levels of the assistant professor rank are welcome. The successful candidate will be free to develop a broad range of teaching contributions including an undergraduate course on the history of computing/information technologies. Consideration of applications will begin on October 12 and will continue until the position has been filled. Send letter of application, c.v., and three letters of reference to Search Committee Chair, Department of History and Sociology of Science, 303 Logan Hall, University of

## Jobs, Fellowships/Grants, & Prizes

Pennsylvania, Philadelphia, PA 19104. The University of Pennsylvania is an AA/EOE.

### University of Redlands

Britain and Empire/Environmental. The History Department of the University of Redlands invites applications for a tenure-track position beginning September 1999. The successful candidate will be responsible for courses in the history of Britain and the British Empire, and environmental history and/or historical geography. Candidate should submit a letter of application, current vitae, three letters of recommendation, graduate placement dossier, and evidence of effective teaching to Professor Kathy Ogren, Department of History, University of Redlands, P.O. Box 3080, Redlands, CA 92373-0999.

### Vanderbilt University

Pending final approval, the Department of History at Vanderbilt University will make a visiting appointment at the rank of lecturer or assistant professor in the history of medicine/science for the spring term of 1999. Classes begin on 13 January. Candidates should be prepared to teach a survey of the history of medicine from about 1750 to the present and an undergraduate seminar on a topic in the history of medicine or science. Send a letter of application, c.v., and dossier to: History of Medicine/Science Search, Department of History, Box 1802, Station B, Vanderbilt University, Nashville, TN 37235. For further information contact Arleen Tuchman (tuchmaam@ctrvax.vanderbilt.edu) or Matthew Ramsey (matthew.ramsey@vanderbilt.edu). Vanderbilt is an AA/EOE.

### Yale University

Yale University invites applications for a faculty appointment in the history of physical sciences. The appointee will teach undergraduate and graduate courses and will participate in an interdepartmental program in history of medicine and science. The appointment will be either at the senior or junior level, the rank to be determined by the experience and scholarly standing of the successful candidate. The appointee will be a member of the Department of History, with cross-appointments to the Section of the History of Medicine, and/or an appropriate science department. Applicants should send letter of application, vita, and other supporting documents on or before 31 October 1998 to Frederic L. Holmes, Chair, History of Science Search Committee, Section of the History of Medicine, Yale University School of Medicine, L132 SHM, P.O. Box 208015, New Haven, CT 06520-8015. Yale University is an AA/EOE, and minority and women scholars are encouraged to apply.

## FELLOWSHIPS

### AIP Center for History of Physics

The Center for History of Physics of the American Institute of Physics has a program of grants-in-aid for research in the history of modern physics and allied sciences (such as astronomy, geophysics, and optics) and their social interactions. Grants can be up to \$2500 each. They can be used only to reimburse direct expenses connected with the work. Preference will be given to those who need funds for travel and subsistence to use the resources of the Center's Niels Bohr Library (near Washington, DC), or to microfilm papers or to tape-record oral history interviews with a copy deposited in the Library. Applicants should name the persons they would interview or papers they would microfilm, or the collections at the Library they need to see. Applicants should either be working toward a graduate degree in the history of science (in which case they should include a letter of reference from their thesis adviser), or show a record of publication in the field. To apply, send a vitae, a letter of no more than two pages describing your research project, and a brief budget showing the expenses for which support is requested to: Spencer Weart, Center for the History of Physics, American Institute of Physics, One Physics Ellipse, College Park, MD 20740; phone: 301-209-3174, Fax: 301-209-0882, e-mail: [sweart@aip.org](mailto:sweart@aip.org).

### Bakken Visiting Research Fellowships

The Bakken Library and Museum in Minneapolis offers visiting research fellowships for the purpose of facilitating research in its collection of books, journals, manuscripts, prints, and instruments. The focus of the Bakken's collections is on the history of electricity and magnetism and their applications in the life sciences and medicine. Related materials include mesmerism and animal magnetism, 19th-century ephemera concerning alternative electromedical therapies, miscellaneous scientists' letters, and trade catalogues. The instruments include electrostatic generators, magneto-electric generators, induction coils, physiological instruments, recording devices, and accessories. The fellowship is a maximum of \$1,300 and is to be used for travel, subsistence, and other direct costs of conducting research at The Bakken. The minimum period of residence is one week. The grants are open to all researchers. The application deadline for 1999 is 1 March 1999. For further information, please contact: David J. Rhees, Executive Director, The Bakken Library and Museum, 3537 Zenith Avenue South, Minneapolis, MN 55416, USA, (telephone: 612-927-6508; fax: 612-927-7265).



## Jobs, Fellowships/Grants, & Prizes

### Brown University, Pembroke Center

Brown University's Pembroke Center for Teaching and Research on Women welcomes applications from scholars for post-doctoral fellowships in residence. The post-doctoral fellows participate in a weekly research seminar, present two public papers during the year, and pursue individual research. Preference will be given to applications that address the question of the culture of the market, which is the theme for 1999-2000. The seminar will focus on the complex interplay between the culture of the market and the market as a form of culture. We will examine the forms of "culture" that market economies and assumptions underwrite, such as the opposition between high and low culture; the commodification of culture in the arts, the media, and personal life; the uneasy relation of the public to the private; and the popular narrative of competition. But we will also take up questions on the market as culture and on economic life as a fundamental form of culture. How do markets function as cultural practices? How does culture make a market? Where does cultural difference emerge within the paradigm of the market itself? How do markets produce difference? The fellowships are open to anyone in the humanities, social sciences or sciences. Recipients may not hold a tenured position in an American college or university. The stipend is \$25,000. The Pembroke Center particularly wishes to encourage third world and minority scholars to apply. Scholars with independent support who are interested in the 1999-00 research topic are invited to apply for affiliation with the Center. Applications are due 11 December 1998; selection will be announced by early March 1999. Pembroke Center, Box 1958, Brown University, Providence, RI 02912-1958 (401) 863-2643

### DeWitt Stetten, Jr. Memorial Fellowship in the History of Twentieth-Century Biomedical Research and Technology

The DeWitt Stetten, Jr., Museum of Medical Research at the National Institutes of Health invites applications for the Stetten Memorial Fellowship in the history of twentieth-century biomedical sciences and technology. The fellowship supports one year of postdoctoral work for a fellow in residence at the Museum. The successful applicant will describe a research project that will benefit from interaction with NIH in-house scientists conducting research in the general area of the fellow's interest. The Stetten Fellow will also have access to the collections at the National Library of Medicine, the Library of Congress, the National Archives and Records Administration, and other repositories in the Washington, D.C., area. The deadline for receipt of applications is 5:00 p.m. EST, 15 December 1998. Information and an application form may be obtained by writing to: Stetten Fellowship; DeWitt Stetten, Jr., Museum of Medical Research; Building 31 Room 2B09 MSC 2092; National Institutes of Health; Bethesda, MD 20892-2092 or by downloading the application materials from the Museum's Web site: <http://www.nih.gov/od/museum/grants/>.

### The J.B. Harley Research Fellowships in the History of Cartography

The Harley Fellowships—the only one of their kind in Europe—provide support of up to four weeks (at 250 pounds per week) for those, from any discipline, doing the equivalent of post-graduate level work in the map collections of the London area. The closing date for applications is 1 November 1998. Please apply to the undersigned for details, indicating where you saw this announcement. For details of past applications and awards see: <http://www.ihrinfo.ac.uk/maps/harlflws.html>.

### Institute for Advanced Study

Each year, Mellon fellowships for Assistant Professors are offered by the Institute for Advanced Studies in Princeton, New Jersey to two qualified Assistant Professors. These full-year memberships are designed specifically for assistant professors at universities and colleges in the United States and Canada to support promising young scholars who have embarked on professional careers. Applicants must have served at least two, and not more than four years as assistant professors in institutions of higher learning in the United States or Canada, and must have approval to return to their institution following the period of membership. Stipends will match the combined salary and benefits at the member's home institution, and all the privileges of membership at the Institute for Advanced Study will apply. Qualified applicants may apply for one type of membership only. No dual applications will be accepted. For additional information and application forms contact the Administrative Officer at the address below. Marian Zelazny, Administrative Officer, Institute for Advanced Study, School of Historical Studies, [mzelazny@ias.edu](mailto:mzelazny@ias.edu).

### IREX Grant Opportunities

The International Research & Exchanges Board offers grants of one to twelve months to predoctoral and postdoctoral scholars for research at institutions in Central and Eastern Europe, Eurasia, and Mongolia. American scholars in policy research and development, social sciences and the humanities, and cross-disciplinary studies are strongly urged to apply. Very limited funding is available for pre-doctoral humanities scholars. Deadline: 1 November 1998. IREX also offers short-term travel grants for scholarly projects focusing on Central and Eastern Europe, Eurasia, and limited opportunities in Mongolia. Support is available for brief visits (about two weeks) for individuals who do not require administrative assistance from IREX. Deadline: 1 February 1999 and 1 June 1999. For further information and application, contact: International Research & Exchanges Board, 1616 H Street, NW, Washington, DC 20006, Tel: (202) 628-8188, Fax: (202) 628-8189, E-mail: [irex@irex.org](mailto:irex@irex.org) and Web: <http://www.irex.org>.



## Jobs, Fellowships/Grants, & Prizes

### The Linda Hall Library of Science, Engineering, and Technology Research Fellowships

The Linda Hall Library invites applications for 1998-1999 humanities fellowships for research in the library's collections on the history and philosophy of science, engineering, and technology. Short-term fellowships are available for up to eight weeks, offering a stipend of \$450 per week to assist researchers with travel and living expenses. These fellowships support advanced and independent studies, dissertation research, and post-doctoral research. The fellowship may be for two to eight weeks, and may be broken into more than one session if longer than two weeks. The project proposal should demonstrate that the Linda Hall Library has resources central to the research topic. Candidates are encouraged to inquire about the appropriateness of a proposed topic before applying, and to consult the library's online catalog, Leonardo, available through the library's homepage: <http://www.lhl.lib.mo.us>.

The Linda Hall Library is one of the world's leading collections of science, engineering, and technology. With more than a million volumes, the collection dates from the fifteenth century to the present, and technical society journals dating from the seventeenth century are a special strength of the collection. Applications may be sent at any time. Fellowships will be awarded quarterly, with the following deadlines for applications: 15 August 1998; 15 November 1998; 15 February 1999; 15 May 1999. To apply, please send a curriculum vitae, a one- to two-page description of the proposed project, and a single letter of reference to Bruce Bradley, Linda Hall Library, 5109 Cherry Street Kansas City, Missouri 64110. Telephone: (816) 926-8737; Fax: (816) 926-8790; E-mail: [bradleyb@lhl.lib.mo.us](mailto:bradleyb@lhl.lib.mo.us).

### New York Academy of Medicine Paul Klemperer Fellowship & Audrey and William H. Helfand Fellowship

Each year the New York Academy of Medicine offers the Paul Klemperer Fellowship and the Audrey and William H. Helfand Fellowship to support work in history and the humanities as they relate to medicine, the biomedical sciences, and health. The Klemperer Fellowship supports research using the Academy Library as a historical resource. It is intended specifically for a scholar in residence in the collections of the Academy Library. The Helfand Fellowship more broadly supports work in the humanities, including both creative projects dealing with health and the medical enterprise, and scholarly research in a humanistic discipline as applied to medicine and health. Although residence is not obligatory, preference in the selection process will be given applicants whose projects require use of the resources of the Academy Library and who plan to spend time at the Academy.

The Helfand Fellowship and the Klemperer Fellowship each provide stipends of up to \$5,000 to support travel, lodging and incidental expenses for a flexible period between 1 June 1999 and 31 December 1999. Besides completing research or a creative project, each Fellow will be expected to make a presentation at the Academy and submit a final report on the project. We invite applications from anyone—regardless of citizenship, academic discipline, or academic status—who wishes to use the Academy's collections for historical research or for a scholarly or creative project in the medical humanities. Preference will be given to (1) those who show the need to use resources that are uniquely available at the Academy, and (2) scholars or creative artists in the early stages of their careers. Applicants may compete for either the Klemperer or the Helfand Fellowship, but not both. These fellowships are awarded directly to the individual applicant and not to the institution where he or she may normally be employed. None of the fellowship money is to be used for institutional overhead. Applications must be received by the Academy by 1 February 1999; candidates will be informed of the results by 15 May 1999. Requests for application forms or further information should be addressed to: Office of the Associate Librarian for Historical Collections and Programs, New York Academy of Medicine, 1216 Fifth Avenue, New York, NY 10029. E-mail: [history@nyam.org](mailto:history@nyam.org). Telephone: 212-822-7314.

### John J. Pisano Travel Grants

The John J. Pisano Travel Grants are administered through the DeWitt Stetten, Jr., Museum of Medical Research at the National Institutes of Health (NIH) to support travel costs to Bethesda, Maryland, for the purpose of historical research relating to the NIH intramural programs. One or two grants each year will be made at the level of \$1,500 for United States residents and \$2,000 for recipients who reside outside the United States. The deadline for applications is 5:00 p.m. EST, 31 March 1999. More information about the awards may be obtained by writing to: John J. Pisano Travel Grants, Building 31 Room 2B09 MSC 2092, National Institutes of Health, Bethesda, MD 20892-2092 or by consulting the Museum's Web site: <http://www.nih.gov/od/museum/grants/>

### J. Elliott Royer Post-Doctoral Research Fellowship

The Department of the History of Health Sciences, University of California, San Francisco, invites applications for the J. Elliott Royer Post-Doctoral Research Fellowship. A Ph.D. in history, with concentration in 18th-20th-century health-related topics, is required. Preference will be given to historians wishing to use the archival and library resources in the Bay Area. In addition to personal research and writing, the position also offers possibilities for limited teaching. Awards will be made for an initial 9-month period with the opportunity of continuing the fellowship for an additional 12 months on the basis

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of merit. The stipend is \$2,250/month, and also includes health benefits and a research allowance. Position available 15 September 1999. Inquiries should include a c.v., a brief research proposal, and three letters of recommendation from scholars familiar with the applicant's work. Apply by 1 February 1999. For further information, contact: Chair, Department of the History of Health Sciences, University of California, San Francisco, 533 Parnassus Avenue, Box 0726, San Francisco, CA 94143-0726.

### Slater Fellowship

The American Philosophical Society invites applications for the John Clarke Slater Fellowship, to support doctoral dissertation research in the history of the twentieth-century physical sciences. Eligibility: The fellowship is open both to candidates for the doctorate in the United States, and to those in universities abroad who propose to spend the fellowship year in association with an American university or other appropriate American research institution. In order to be eligible, a candidate must have passed all preliminary examinations or the equivalent, and the dissertation topic must focus on the history of the physical sciences in the twentieth century. Award: The Slater Fellowship carries a stipend of \$12,000. Tenure of the fellowship usually coincides with the academic year, though it may begin as early as July 1. Payments occur in two installments, in separate calendar years. In accordance with federal regulations, the Society issues two 1099 miscellaneous income forms. Deadline: December 1, notification will be sent by early March. Written requests for forms must indicate eligibility of both applicant and project; include a self-addressed mailing label. Telephone requests for forms cannot be honored. Requests should be addressed to Slater Fellowship, American Philosophical Society, 104 South Fifth Street, Philadelphia, PA 19106. Questions concerning the eligibility of a topic are accepted at 215-440-3429 (M, T, Th, F 9-5, W 9-1) or via e-mail to [eroach@amphilsoc.org](mailto:eroach@amphilsoc.org). Information, directions, and forms are also available through Acrobat Reader at the Society's Web site, <http://www.amphilsoc.org>.

### 1999 Smithsonian Institution Libraries Dibner Library Resident Scholar Program

To encourage study of the history of science and technology, the Smithsonian Institution Libraries offers short-term study grants of 1-3 months to do research in the Dibner Library of the History of Science and Technology and other library collections of the Smithsonian. The program is open to historians, librarians, bibliographers, and pre- and post-doctoral students. Stipend: \$1,700/month, to be used for any related purpose, including travel to Washington, D.C. For guidelines and an application form, write to: Dibner Library Resident Scholar Program, Smithsonian Institution Libraries, NHB 22, Mail Stop 154, Washington, D.C. 20560 or send an e-mail to: [libmail@sil.si.edu](mailto:libmail@sil.si.edu). Program support is from The Dibner Fund. Deadline for proposals: 1 December 1998.

## PRIZES

### Dexter Award in the History of Chemistry

The Division of the History of Chemistry of the American Chemical Society (ACS) solicits nominations for the 1999 Dexter Award for Outstanding Achievement in the History of Chemistry. The award, which is sponsored by the Dexter Chemical Corporation and administered by the Division of the History of Chemistry, consists of an engraved plaque and a check for \$2000 and is presented annually at the Fall National Meeting of the ACS. The award is international in scope and nominations are welcome from all quarters. Previous winners have included historians and chemists from Canada, Germany, France, Hungary, The Netherlands, and the United Kingdom. Nominations should include a complete c.v. for the nominee, consisting of biographical data, educational background, awards, honors, publications, presentations, and other services to the profession; a nominating letter summarizing the nominee's achievements in the field of the history of chemistry and citing unique contributions that merit a major award; and at least two seconding letters. Copies of no more than three publications may be included, if available. All nominations should be sent in triplicate to Professor Frederic L. Holmes, Chair of the Dexter Award Committee, Section of History of Medicine, Yale University School of Medicine, 333 Cedar Street, New Haven, CT 06520, by 1 January 1999.

### Jerry Stannard Memorial Award

The Department of History, at the University of Kansas, announces the 1999 competition for the annual award in honor of the late Professor Jerry Stannard. The purpose of the award is to encourage research by young scholars in the fields that Professor Stannard made his own: namely, the history of materia medica, medicinal botany, pharmacy, and folklore of drug therapy before the 1700s. Each year a cash award will be made to the author of an outstanding published or unpublished scholarly study in those fields. In 1999 the award will be \$500. The competition is open to graduate students and to recent recipients of a doctoral degree (the Ph.D. degree or an equivalent), conferred not more than three years before the competition deadline. Manuscripts must be in English, French, or German. Only one paper by any author may be submitted in any given year. Each entry should be typewritten, double-spaced, and no longer than 50 pages, including notes, bibliography, and appendices. Entrants should keep copies of their manuscripts, since manuscripts submitted will not be returned. Each manuscript must be accompanied by the following: (a) a one-page abstract of the paper in English; (b) a current c.v. of the author; and (c) a letter of recommendation from an established scholar in the

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field. Entrants who are resident in the United States of America are also requested to indicate their home address and social security number. Entries must be received no later than 15 February 1999. The award will be announced on or about 15 May 1999. All manuscripts and correspondence should be addressed to: The Stannard Award Committee, Department of History, Wescoe Hall 3001, The University of Kansas, Lawrence, KS 66045-2130

### Shryock Medal Essay Contest 1999

Graduate students in the United States and Canada are invited to enter the Shryock Medal Essay Contest. The medal honors Richard Harrison Shryock (1893-1972), a pioneer among historians interested in the history of medicine. The award is given for an outstanding, unpublished essay on any topic in the history of medicine. The essay must be the result of original research or show an unusual appreciation and understanding of problems in the history of medicine. The winner will be invited to attend the 1999 meeting of the American Association for the History of Medicine from 5-9 May 1999 in New Brunswick, New Jersey, where the medal will be conferred. Reasonable travel expenses for the winner will be defrayed. Students must be enrolled in a graduate program other than medical school at the time of submission (those students currently eligible for the Association's Osler Medal competition for medical students are not eligible for the Shryock Medal). Interested students must obtain guidelines and an application form from the Shryock Medal Committee chair: Thomas P. Garipey, Ph.D., History and Philosophy of Science Program, Stonehill College, 320 Washington Street, Easton, MA 02357-1135. Please obtain these materials early. Essays must be postmarked no later than 1 February.

### Society for the Social History of Medicine Prize Essay Competition 1998

The deadline for the SSHM's 1998 prize essay competition has been extended to 31 December 1998. This prize is awarded to the best original, unpublished essay in the social history of medicine as judged by the SSHM's assessment panel. The winner will be awarded 200 pounds, and his or her entry may also be published in the journal, *Social History of Medicine*. The competition is open to students and new researchers in the social history of medicine. Further details and an entry form can be obtained from the membership secretary, David Cantor, the Department of History and Economic History, Manchester Metropolitan University, Geoffrey Manton Building, Rosamond Street West, Manchester M15 6LL, England (d.cantor@mmu.ac.uk or dcantor@fs4.ma.man.ac.uk), or the Honorary Secretary Anne Borsay, Department of History, University of Wales at Lampeter, Ceredigion, SA48 7ED, Wales (anne.borsay@lamp.ac.uk). SSHM Web site: <http://www.nottingham.ac.uk/~ahzwww/homesshm.htm>.

### Third World Academy of Sciences (TWAS) History of Science Prize

The Third World Academy of Sciences History of Science Prize was established in 1987. It is awarded for the best research essay highlighting the work of a scientist from a country of the Third World prior to the 20th Century. The Third World Academy of Sciences is pleased to invite submission of essays to be considered for a Fourth History of Science Prize to be awarded in 1999. The research essays should summarize the major achievements of a Third World Scientist prior to the 20th Century, whose work has not been hitherto clearly recognized. It should indicate the impact of the scientist's contributions on his/her community and, where relevant, establish the scientist's influence on modern scientific thought. Only unpublished essays will be considered. The manuscript must be written in English and in typewritten form. The length of the essay should be between about 20,000 and 50,000 words. The competition is open to all scholars. Essays should be sent to the Third World Academy of Sciences no later than 1 December 1998 at the address given below. All essays satisfying the above conditions will be judged by an International Committee of experts in the History of Science appointed by the Third World Academy of Sciences. The History of Science Prize consists of a check in the amount of US\$10,000 and a plaque and will be awarded in 1999 at a special ceremony. Enquiries and submissions to be made to: Ms. Helen Grant, The Third World Academy of Sciences (TWAS), History of Science Prize, Enrico Fermi Building - Via Beirut 6 C/O ICTP, P.O. Box 586, 34100 Trieste, Italy. Phone: (int. + 39 40) 2240 -387 Telefax: (int. + 39 40) 224559 E-mail: [twas@ictp.trieste.it](mailto:twas@ictp.trieste.it).

**REMINDER**—The Isis Bibliography from 1975 to the present is available online with the Research Libraries Group (RLG). Members of the Society may access the RLG website, and the History of Science and Technology Database (HST) through the HSS homepage <http://weber.u.washington.edu/~hssexec/>. RLG has assigned us "Y6.G19" as a "User Name" and "HSSDEMO" as a "Password."



## Future Meetings

### **A Feather on God's Breath: Hildegard of Bingen 900 Years Later**

*23 - 24 October 1998, California State University, San Bernardino*

This conference commemorates the life and works of Hildegard of Bingen. The Keynote Speaker will be Matthew Fox, and a special concert of Hildegard's music will be performed by Anonymous 4. For further information call: 909-880-5586, e-mail: Ifields@wiley.csusb.edu, or criggs@wiley.csusb.edu

### **The History of Heritage of Scientific Information Systems**

*23-25 October 1998, Pittsburgh, PA*

The American Society for Information Science (ASIS), the Chemical Heritage Foundation, and a number of other organizations announce a call for papers for the conference "The History of Heritage of Scientific Information Systems," to be held Oct. 23-25, 1998 in Pittsburgh, PA. Science information "systems" is broadly interpreted to include not only the history of specific systems and services developed for the sciences but also the ideas, concepts, and historical context affecting their development. Alternative presentation styles (such as videos, photographic exhibits, demonstration of information technologies) are encouraged. Additional details on the conference will be provided in later issues of the newsletter or may be obtained from the Conference Chair: Robert V. Williams, Univ. of South Carolina, College of Library and Info. Science, Columbia, SC 29208. Phone: 803-777-2324.

### **Mexican Society for the History and Philosophy of Medicine, Fifth National Congress**

*30 October - 2 November 1998, Queretaro, Mexico*

Themes will include Universal History of Medicine, History of Mexican Medicine, Ethics and Philosophy of Medicine, Anthropology and Medicine, and Teaching and Research in Medical Humanities. For information, contact: Senora Isabel Morales,

Tel. 5-529-7542 al 44, FAX 5-526-3853 or Senora Alica Gallegos, Tel. 5-6650889.

### **Whither Industrial Archeology**

*12-14 November 1998, Lowell National Historical Park, Lowell, MA*

A special conference on the current state of practice in the field of industrial archeology and on future directions for the discipline will be held at Lowell, Massachusetts, November 12-14, 1998. Jointly sponsored by the Society for Industrial Archeology, Lowell National Historic Park, and the Historic American Engineering Record, the conference will feature a series of commissioned presentations by some of the foremost practitioners of industrial archeology (IA) in the United States, Canada, and Europe. Topics will include critical reflections on the past quarter-century of practice, public agencies and IA, theory and interpretation in IA, education in IA, and new directions for IA. Those attending the conference will be encouraged to participate in special "break-out" discussion groups to evaluate various issues stemming from the formal presentations. Publication of the papers and commentary from the "break-out" sessions is anticipated after the conference. The conference promises to provoke serious discussion about the contributions of industrial archeology to scholarship in other disciplines and about future prospect for the field. For more information, contact: Gray Fitzsimons, Park Historian, Lowell National Historic Park, 67 Kirk Street, Lowell, MA 01852-1029, phone: 978-275-1724, fax: 978-275-1762, or gray\_fitzsimons@nps.gov.

### **Models in the Sciences, Technology, and Medicine: Displaying the Third Dimension**

*13 - 14 November 1998, London, England*

The Wellcome Institute for the History of Medicine and the Science Museum announce a symposium on "Models in the Sciences, Technology and Medicine: Displaying the Third Dimension" to be held in London, England on 13-14 November 1998. Models

in three dimensions have been critically involved in the practices of many disciplines, and although largely ignored by recent scholarship on the problems of representation, they offer exciting opportunities for historical inquiry. The meeting will explore the practices of modelling and the cultures of models. Speakers and commentators will be M. Baker, M. Boumans, S. de Chadarevian, C. Evans, E. Francoeur, A. Hayward, N. Hopwood, L. Jordanova, G. Lawrence, R. Mazzolini, H. Mehrtens, C. Meinel, M. Morgan, A. Morton, L. Nyhart, D. Petherbridge, D. Pestre, S. Schaffer, T. Schnalke. Further details are available from Ms. F. Houser, Wellcome Institute for the History of Medicine, 183 Euston Road, London, NW1 2BE. Tel. 0171-611-8619; Fax: 0171-611-8862; e-mail: f.houser@wellcome.ac.uk.

### **The Inspiration of Astronomical Phenomena**

*7 - 14 January 1999, University of Malta, Malta*

The Second International Conference on The Inspiration of Astronomical Phenomena ("INSAP II"), being held in Malta between 7-14 January 1999 will explore these themes: the exploration of mankind's fascination with the astronomical phenomena that define the sky—the lights in the sky, by day and by night—which have been a strong and often dominant element in human life and culture. Scholars from a variety of disciplines (including Archaeology, Art, Classics, History and Prehistory, Mythology and Folklore, Philosophy, the Physical Sciences, and Religion) will meet to discuss the impact that astronomical phenomena have had on mankind. Presentations by attendees will be grouped under four main topics: Art; Literature; Myth and Religion; History and Prehistory. Presentations will be published. Further information is available from the Conference Web site <http://ethel.as.arizona.edu/~white/insap.htm> or contact Professor R. E. White, Steward Observatory, University of Arizona USA (520) 621-6528.



## Future Meetings

### **The Pacific Northwest: A Region in Transition**

*11 - 13 February 1999, Oregon State University*

"The Pacific Northwest: A Region in Transition," a conference of invited scholars to be held at Oregon State University, will address issues related to the cultural construction of regions; the meaning of culture, ecology, and science in the Northwest; conflicted and contested local storying; problems with endangered species and toxic environments; and the question of regional autonomy in the face of an increasingly globalizing economy. For program and information, contact William G. Robbins, Dept. of History, Oregon State Univ., Corvallis, OR 97331-5104. E-mail: [brobbins@orst.edu](mailto:brobbins@orst.edu).

### **Southern Association for the History of Medicine and Science**

*26-27 February 1999, University of Southern Mississippi, Hattiesburg, MS*

The Inaugural Meeting of the Southern Association for the History of Medicine and Science will be held 26-27 February 1999 at the University of Southern Mississippi, Hattiesburg, MS. We welcome papers on all topics. Some support for graduate students may be possible. Send abstract and c.v. by 15 November 1998 to L. Margaret Barnett, History Dept., University of Southern Mississippi, Hattiesburg, MS 39406-5047. E-mail: [lbarnett@ocean.st.usm.edu](mailto:lbarnett@ocean.st.usm.edu)

### **John Ray and His Successors: The Clergyman as Biologist**

*18 - 21 March 1999, Braintree, Essex*

John Ray (1627-1705) was one of the most important biologists in the history of the subject and this conference will celebrate all aspects of his life and work. He was ordained and his religious beliefs informed his work and were widely influential. The conference will go on to consider the British clergy (or their families) who were biologists and their distinctive contributions to both church and science. This would include theology, social

roles and individual biographies. The third focus of the conference will be the current experience of people who are both clerics and biologists. Keynote addresses will be given on each of these three themes. The conference will be held in Braintree, Essex—Ray's home town—coinciding with the town's 800th anniversary celebrations. Braintree has a train service from London, is close to the A12 and the M11, and is in easy reach of Stansted Airport. Register your interest to receive further details by sending your contact details to Rev. Nigel Cooper, The Rectory, 40 Church Road, Rivenhall, Witham, Essex CM8 3PQ, UK. Tel (+44) (0)1376 511161. E-mail: please leave messages for Nigel Cooper's attention on [cgw23@cam.ac.uk](mailto:cgw23@cam.ac.uk)

### **Goethe, Chaos, and Complexity: A Symposium**

*9-10 April 1999, Purdue University*

The recent trend in the natural sciences away from Newtonian reductionism to holistic and contextual approaches has given new currency to Goethe's scientific thought and work. Over the past few years, among other things, parallels have been recognized between Goethean science and the burgeoning disciplines often referred to as chaos theory and complexity, and there even exists anecdotal evidence that Goethe variously influenced the thinking of key figures in the relatively brief history of these fields. Germanists have confirmed the presence of such parallels in certain of Goethe's literary texts and have begun to consider their implications for his poetic work in general. At present, however, such attempts remain tentative and sporadic. The present symposium was conceived of as a means of providing direction and focus for related endeavors. For further information, please contact Herbert Rowland, Department of Foreign Languages and Literatures, Purdue University, West Lafayette, IN 47907, Campus phone: 765-496-1685 FAX: 765-494-1700 e-mail: [hrowland@concentric.net](mailto:hrowland@concentric.net).

### **The Joint Atlantic Seminar in the History of Biology**

*9-10 April 1999, University of Pennsylvania*

The Joint Atlantic Seminar in the History of Biology will meet at the University of Pennsylvania in Philadelphia on April 9-10, 1999. A critical forum for historians of biology in training, this seminar provides an opportunity to present a paper to a particularly well-informed and engaged audience of faculty from many institutions. The meeting is informal and highly focused. Graduate students and recent graduates are especially encouraged to submit abstracts for consideration and, as is customary, every effort will be made to minimize the costs of attending for all graduate students. There will be a reception on the evening of April 9 and all papers will be delivered on Saturday April 10. On Saturday evening there will be a banquet for all attendees. A title and abstract should be sent by 8 February 1999 to: Susan Lindee, Department of the History and Sociology of Science, University of Pennsylvania, Suite 303 Logan Hall, 249 S. 36th Street, Philadelphia, PA 19104-6304. Telephone: 215 898 2271, Fax: 215 573 2231, e-mail: [mlindee@mail.sas.upenn.edu](mailto:mlindee@mail.sas.upenn.edu). A list of participants and titles for earlier Joint Atlantic Seminars is accessible on the Web site of the Penn department at <http://ccat.sas.upenn.edu/hss/jas.html>.

### **Midwest Junto Annual Meeting**

*9-11 April 1999,*

*Bartlesville, Oklahoma*

The Midwest Junto is an informal organization open to all persons interested in the history of science, technology, mathematics, and medicine. Although annual meetings are held in the midwestern states, participants come from all over the country, as well as from areas outside the USA. The Junto is especially known for providing a stimulating and supportive venue for graduate student presentations and other works in progress. For more information about the Junto, contact Dick Overfield, phone 402-554-2593, e-mail: [rover@unomaha.edu](mailto:rover@unomaha.edu). For

## Future Meetings

information about the 1999 meeting, contact Marjorie Malley, phone 918-336-4537, e-mail: mcmjmh@galstar.com.

### **Environmental History across Boundaries**

*14-18 April 1999, Tucson, Arizona*

The American Society for Environmental History announces its biennial meeting to be held in Tucson, Arizona, April 14-18, 1999. The theme will be "Environmental History across Boundaries." For details, contact Edmund Russell (program chair), Technology, Culture, and Communication, SEAS, Thornton Hall A-237, University of Virginia, Charlottesville, VA 22903 (804) 982-2623.

### **Erasures, Evasions, and Absences: Contestations for Control of the Public Record, Past and Present**

*15-16 May 1999, Suffolk University, Boston, Massachusetts*

The New England American Studies Association will sponsor its Spring, 1999 conference, "Erasures, Evasions, and Absences: Contestations for Control of the Public Record, Past and Present," at Suffolk University in Boston, Massachusetts, May 15-16, 1999. The 1999 NEASA Conference will focus on contestations and contradictions in the making of a public record. We welcome papers and panel proposals that address any aspect of this broad topic, but as always we are particularly interested in those with a New England focus. Some of the specific issues we hope to see addressed include: the erasure of deindustrialization in the recreation of New England's industrial past; the invisibility of underemployment in a "boom" economy of full employment; disemployment, "outsourcing" and the degradation of work; military base closures, hospital shutdowns, and prisons. We also hope to receive proposals that would address the ways such contestations over the naming of events and phenomena have occurred in the past. The history of labor, women, religion, recreation, family, education, race, ethnicity, popular culture, literature and literary reputation, museums, philanthropy,

urban development, rural landscapes—these and many other fields are pertinent to this year's conference theme. As always, NEASA warmly invites participation by public intellectuals and activists without university affiliations, e.g., secondary school teachers, journalists, community organizers, archivists, curators, and independent scholars. Proposals of not more than 250 words and a one-page c.v. must be received by 4 January 1999. Send to the NEASA president: Nicholas Bromell, English Department, Bartlett Hall, University of Massachusetts, Amherst, MA 01002; E-mail: nbromell@english.umass.edu. Phone: 413-545-2973. Additional information about the conference will be published in NEASA's Fall newsletter, which also may be obtained at the above address.

### **Mathematics Unbound: The Evolution of an International Mathematical Community, 1800-1945**

*27-29 May 1999, University of Virginia*

As part of its "Emphasis Year in the History of Mathematics," the University of Virginia plans (pending suitable funding) to hold a three-day symposium, entitled *Mathematics Unbound: The Evolution of an International Mathematical Community, 1800-1945*, from 27 to 29 May 1999. This symposium aims to shed light on the historical processes and interactions involved in the development of what has become an international community of mathematicians. Among the topics to be analyzed are: 1) the international influence of national institutions and standards of mathematics education; 2) the internationalization of national research outlets such as research journals and societies; 3) the rise of international initiatives such as the International Congresses and the International Mathematical Union; and 4) the role of refugee mathematicians in the internationalization of mathematical standards and research initiatives. Further details regarding speakers and topics will be announced in due course. For more information, please contact the organizers: Karen Hunger Parshall and Adrian Rice, Department of Mathematics, University

of Virginia, Charlottesville, VA 22903-3199, USA. E-mail: khp3k@virginia.edu, or ar6n@virginia.edu

### **"Why Ernst Haeckel?"**

*1-8 June 1999, Marine Biological Laboratory, Woods Hole, MA*

The Dibner Institute for the History of Science and Technology announces its seminar on the History of Biology, to be held June 1-8, 1999, at the Marine Biological Laboratory in Woods Hole, Massachusetts. This year's seminar will ask "Why Ernst Haeckel?" and will look at Haeckel, his scientific contributions, and their place in history in order to explore the way that science works and its impact in the larger world. Haeckel's voluminous writings attracted wide attention earlier this century. He offered an orderly pattern of recapitulation, put man at the top of the solidly-grounded evolutionary tree of life, and presented his solution to the "riddle of the universe" with monistic materialism. Haeckel's universe was not disordered or random, but full of confidence and progress and a rich sense of history. Yet his many critics found his science flawed, his rhetorical, speculative excesses indefensible, and his public popularity powerfully annoying. Who was this man and why did he evoke such responses? We shall examine selections from Haeckel's writings, and other contemporary primary writings, and explore why he evoked the reactions he did -- both then and now. Historians, philosophers, sociologists, and biologists will take part in the discussion. In addition, hands-on study will take us into the field, the library, and the lab. Anyone is eligible to apply, though preference will be given to those professionals and students whose research interests (at any career stage) touch on the issues at hand. We seek a diverse interdisciplinary group in order to promote rich discussions and cross-fertilization of ideas and approaches. For further information and application materials (15 January deadline), write to: Dibner Institute for the History of Science and Technology; Dibner Building; MIT E56-100; Cambridge, MA 02139 (or email to carlac@mit.edu). Organizers: John

## Future Meetings

Beatty (jbeatty@maroon.tc.umn.edu), James Collins (jcollins@asu.edu), and Jane Maienschein (maienschein@asu.edu).

### Long- and Short-Term Variability in the Sun's History and Global Change

*July 1999, Birmingham, England*

This session will be held during the Assembly of the International Association of Geomagnetism and Aeronomy (IAGA) in Birmingham, England in July, 1999 and will examine the possible synthesis of science studies that have addressed the sun's history during the last centuries. Topics will include papers from history, archaeology, solar physics, astrophysics, aurora physics, geophysics, meteorology and environmental aspects. The conference will deal with the so-called Minima in the Sun's History (Spoerer, Maunder-, LaLande-, and Wolf-Minima) and other variabilities during the centuries. Deadline for abstracts is 15 January 1999. For further details contact the convener, Dr. Wilfried Schröder, Hechelstrasse 8, D-28777 Bremen-Roennebeck, Germany.

### Volta and the History of Electricity

*11-15 September 1999, Como-Pavia*

The Interdivisional History of Physics Group of the European Physical Society, together with the Commission on the History of Modern Physics of the DHS-IUPHS, is holding its Fourth Conference at the Como "A. Volta" Centre for Scientific Culture at Pavia University. Papers for conference presentation and for inclusion in the Proceedings need to be submitted in their final form by the deadline of May 1st, 1999. For more information, please see the Conference Web Page, <http://www.cilea.it/volta99> or contact the Conference Coordinator: volta99@pv.infn.it

### 4th International History, Philosophy and Science Teaching Conference and 8th European History and Physics Teaching Conference, "Science as Culture"

*15-19 September 1999, Pavia-Como*

Jointly organized by the Group around the *Science & Education* journal and the EPS History of Physics Group, this Conference follows earlier, successful ones. Papers for conference presentation and for inclusion in the Proceedings, need to be submitted in their final form by the deadline of 1 May 1999. For details about submission, format and style of papers, for all scientific information on the two conferences and about accommodations, refer to the conference Web site: [www.cilea.it/volta99](http://www.cilea.it/volta99) or e-mail: volta99@pv.infn.it.

### Abraham Gottlob Werner (1749-1817) and His Times

*19-24 September 1999*

"Abraham Gottlob Werner (1749-1817) and His Times" is the subject of an International Symposium scheduled 19-24 September 1999 at Freiberg, Germany. Sponsored by the Technical University Bergakademie Freiberg and the International Commission on the History of Geological Sciences (INHIGEO), the symposium will focus on the history of geological sciences in Werner's times. Participants may offer papers addressing the following themes: (a) Knowledge of the earth from 1750 to 1820 and the geological ideas of A.G. Werner; (b) Developments and communication, theoretical concepts and academic controversies, research centers and influences in geological sciences in the time of Werner; (c) The relationships between geological knowledge and scientific, ideological, and religious ideas during the Enlightenment and the early Industrial Revolution; (d) Werner and the technical disciplines related to mining ca. 1750-1820; (e) Werner and his natural history collections, private library and coin collection in relation to other contemporary coin collections and private libraries; (f) Werner's influence beyond the earth sciences

and mining technology; and (g) the history of the influence and the reception of Werner's work. Copies of the first circular are available from: Tagungsbüro "Werner-Symposium," Akademiestrasse 6, TU Bergakademie Freiberg, D-09599 Freiberg (Sachsen), Germany. E-mail contacts are Dr. Peter Schmidt (pschmidt@ub.tu-freiberg.de) or Prof. Helmuth Albrecht (halbrecht@vwl.tu-freiberg.de).

### Challenging Rhetorics: Cross-Disciplinary Sites of Feminist Discourse

*7-9 October 1999, Minneapolis*

The Center for Interdisciplinary Studies of Writing at the University of Minnesota announces a call for papers for the Second Biennial International Feminism(s) and Rhetoric(s) Conference "Challenging Rhetorics: Cross-Disciplinary Sites of Feminist Discourse," October 7-9 in Minneapolis. We invite 250-word proposals that share theories about and examples of new discourse practices emerging as a result of feminist scholarship across the disciplines in the academy. For further information, contact Hildy Miller at e-mail [mille299@tc.umn.edu](mailto:mille299@tc.umn.edu) or see our Web site <http://CISW.cla.umn.edu>.

### History of Geophysics and Space Physics

*March 2000, Munich, Germany*

The History of Geophysics and Space Physics announces a one-day session during the Annual Meeting of the German Geophysical Society being held in Munich Germany. The session is open for oral lectures and posters. The topics are the development of geophysics as a scientific discipline during the last decades, biographical notes, discussion of international research programs and the interdisciplinary discussion of philosophical and historical problems in connection with geophysical research. For further information contact: Dr. Wilfried Schröder, Hechelstrasse 8, D-28777 Bremen-Roennebeck, Germany.



## Future Meetings

### International Congress of Historical Sciences

6-13 August 2000, Oslo, Norway

The International Committee of Historical Sciences has chosen Oslo, the capital of Norway, for the 19th International Congress of Historical Sciences, 6 - 13 August 2000. The largest regular meetings of professional historians from all over the world, these congresses take place every five years. Earlier meetings have attracted up to 4,000 participants. We ask you to reserve on your calendar the second week of August 2000. The Congress will consist of three major themes of one full day each, 20 specialized themes with half a day each, and 25 roundtable discussions. The exact themes of the sessions were decided by the General Assembly of the International Committee of Historical Sciences in August 1997. The high number of sessions and the numerous suggestions from all over the world will ensure that the program is both varied and stimulating. In addition to the regular sessions, 22 Affiliated International Organizations and 18 Internal Committees will hold their meetings during the Congress. These organizations and committees are dedicated to the study of a wide range of historical fields and topics, from historical demography and numismatics to the history of international relations. English and French will be the official languages of the Congress, and simultaneous Norwegian translation will be provided for all plenary sessions. The International Congresses of Historical Sciences function as comprehensive surveys of new trends and developments within various historical disciplines. They also serve as an arena for critical debate about central themes of current scholarship and the pioneer fronts of historical research. In order to ensure the widest possible participation from all parts of the world, grants will be available for participants from selected regions. Please send to: The 19th International Congress of Historical Sciences, Department of History P.O. Box 1008 Blindern, N-0315 Oslo, Norway.

## ISIS Books Received

Prior to the publication of each *Newsletter*, the HSS Executive Office receives from the Isis Editorial Office a list of books received by that office for potential review. This list appears here quarterly; it is not compiled from the annual *Current Bibliography*.

### Quarterly Report to 4 September 1998

**Aburish, Said K.** *A Brutal Friendship: The West and the Arab Elite*. 414 pp., bibl., index. New York: St. Martin's, 1998. \$27.95.

**Alfano, Robert R.** (Editor). *Advances in Optical Biopsy and Optical Mammography*. (Annals of the New York Academy of Sciences, 838.) xii + 206 pp., illus., figs., tables, indexes. New York: New York Academy of Sciences, 1998. \$90.

**Ali, Syed F.** (Editor). *The Neurochemistry of Drugs of Abuse: Cocaine, Ibogaine, and Substituted Amphetamines*. (Annals of the New York Academy of Sciences, 844.) x + 361 pp., illus., figs., tables, indexes. New York: New York Academy of Sciences, 1998. 140.

**Amouretti, Marie-Claire; Sigaut, Francois** (Editors). *Traditions Agronomiques Européennes: Elaboration et Transmission depuis l'Antiquité*. 284 pp., illus., tables. Paris: Editions du CTHS, 1998. Fr 190.

**Ansell, Martin R.** *Oil Baron of the Southwest: Edward L. Doheny and the Development of the Petroleum Industry in California and Mexico*. (Historical Perspectives on Business Enterprise) x + 302 pp., illus., tables, apps., index. Columbus, Ohio: Ohio State University Press, 1998. \$60.

**Arnzen, Rudiger** (Editor). *Aristoteles' De Anima: Eine verlorene spätantike Paraphrase in arabischer und persischer Überlieferung*. (Aristoteles Semitico-Latinus.) x + 754 pp., apps., bibl., indexes. Leiden: E. J. Brill, 1997.

**Aveni, Anthony.** *Stairways to the Stars: Skywatching in Three Great Ancient Cultures*. x + 230 pp., illus., apps., index. New York/Chichester: John Wiley and Sons, 1997. \$24.95, Can \$34.95.

**Baird, Davis; Hughes, R.I.G.; Nordmann, Alfred** (Editors). *Heinrich Hertz: Classical Physicist, Modern Philosopher*. (Boston Studies in the Philosophy of Science, vol. 198.) xii + 318 pp., frontis., illus., figs., bibl., index. Dordrecht: Kluwer Academic Publishers, 1998. \$128, £77, Dfl 225.

**Barnett, Jo Ellen.** *Time's Pendulum: The Quest to Capture Time - From Sundials to Atomic Clocks*. xii + 340 pp., illus., figs., bibl., index. New York/London: Plenum Trade, 1998. \$27.95.

**Bate, Henricus.** *Speculum Divinorum et Quorundam Naturalium: Parts XX-XXIII On the Heavens, the Divine Movers, and the First Intellect*. Edited by Carlos Steel and Guy Guldentops. (Ancient and Medieval Philosophy, 23.) lvi + 564 pp., index. Leuven: Leuven University Press, 1996. BFr 2,800.

**Baxter, John O.** *Dividing New Mexico's Waters, 1700-1912*. viii + 136 pp., illus., tables, bibl., index. Albuquerque: University of New Mexico Press, 1997. \$24.95.

**Behrens, Helmut.** *Wissenschaft in turbulenter Zeit: Erinnerungen eines Chemikers an die Technische Hochschule München 1933-1953*. Afterword by Freddy Litten. (Algorismus: Studien zur Geschichte der Mathematik und der Naturwissenschaften, 25.) vi + 184 pp., illus., bibl., index. Munich: Institut für Geschichte der Naturwissenschaften, 1998.

**Bennett, Jim; Mandelbrote, Scott.** *The Garden, the Ark, the Tower, the Temple: Biblical Metaphors of Knowledge in Early Modern Europe*. 200 pp., illus. Oxford: Museum of the History of Science, 1998. £12.50.

**Benton, Lisa M.** *The Presidio: From Army Post to National Park*. xviii + 278 pp., illus., figs., tables, bibl., index. Boston: Northeastern University Press, 1998.

**Bernstein, Joel M.; Faden, Howard S.; Henderson, Donald; Ryan, Allan F.; Barbara, Maurizio; Quaranta, Antonio** (Editors). *Immunologic Diseases of the Ear*. (Annals of the New York Academy of Sciences, 830.) illus., figs., tables, bibl., index. New York: New York Academy of Sciences, 1997. \$120.

**Bilder, Robert M.; Le Fever, F. Frank** (Editors). *Neuroscience of the Mind on the Centennial of Freud's Project for a Scientific Psychology*. (Annals of the New York Academy of Sciences, 843.) xii + 186 pp., illus., figs., bibl., index. New York: New York Academy of Sciences, 1998. \$80.

**Bingham, Eula; Rall, David P.** (Editors). *Preventive Strategies for Living in a Chemical World: A Symposium in Honor of Irving J. Selikoff*. (Annals of the New York Academy of Sciences, 837.) xvi +



## ISIS Books Received

- 588 pp., illus., figs., tables, bibls., index. New York: New York Academy of Sciences, 1998. \$110 (paper).
- Blay, Michel.** *Reasoning with the Infinite: From the Closed World to the Mathematical Universe.* Translated by M.B. DeBevoise. x + 216 pp., illus., bibl., index. Chicago: University of Chicago Press, 1998. \$30, £25.95.
- Bleker, Johanna** (Editor). *Der Eintritt der Frauen in die Gelehrtenrepublik: Zur Geschlechterfrage im akademischen Selbstverständnis und in der wissenschaftlichen Praxis am Anfang des 20. Jahrhunderts.* (Abhandlungen zur Geschichte der Medizin und der Naturwissenschaften, 84.) 192 pp., tables, bibls., index. Husum: Matthiesen Verlag, 1998. DM 59 (paper).
- Borch-Jacobsen, Mikkel.** *Remembering Anna O: A Century of Mystification.* Translated by Kirby Olson in collaboration with Xavier Callahan and the author. xii + 126 pp., fig., apps., index. New York: Routledge, 1996. \$14.95 (paper).
- Boudet, Jean-Patrice.** *Le Recueil des Plus Célèbres Astrologues de Simon de Phares.* Edited for La Société de l'Histoire de France. Volume 1. 606 pp., bibl. Paris: Librairie Honoré Champion, 1997.
- Bradlow, H. Leon; Fishman, Jack; Osborne, Michael P.** (Editors). *Cancer, Genetics and the Environment.* (Annals of the New York Academy of Sciences, 833.) x + 210 pp., illus., figs., bibls., index. New York: New York Academy of Sciences, 1997. \$60.
- Brisson, Luc.** *Le Sexe Incertain: Androgynie et Hermaphrodisme dans l'Antiquité Gréco-Romaine.* (Vérité des Mythes.) 172 pp., figs., bibl., indexes. Paris: Les Belles Lettres, 1997. Fr 130 (paper).
- Bronfen, Elisabeth.** *The Knotted Subject: Hysteria and its Discontents.* xviii + 470 pp., illus., figs., bibl., index. Princeton: Princeton University Press, 1998. \$55, £42.50 (cloth); \$19.95, £15.95 (paper).
- Brooks, John I., III.** *The Eclectic Legacy: Academic Philosophy and the Human Sciences in Nineteenth-Century France.* 324 pp., bibl., index. Newark: University of Delaware Press, 1998. \$49.50.
- Brown, Lee Rust.** *The Emerson Museum: Practical Romanticism and the Pursuit of the Whole.* xii + 286 pp., index. Cambridge, Mass.: Harvard University Press, 1997. \$39.95 (cloth); \$19.95 (paper).
- Buchler, J. Robert; Dufty, James W.; Kandrup, Henry E.** (Editors). *Long-range Correlations in Astrophysical Systems.* (Annals of the New York Academy of Sciences, 848.) (Based on papers presented at the Florida Workshops in Non-linear Astronomy, February 20-22, 1997, Gainesville, Florida.) viii + 144 pp., figs., bibls., index. New York: New York Academy of Sciences, 1998. \$80.
- Buisseret, David.** *Envisioning the City: Six Studies in Urban Cartography.* (Kenneth Nebenzahl, Jr., Lectures in the History of Cartography.) xiv + 182 pp., illus., index. Chicago: University of Chicago Press, 1998. \$50, £39.95.
- Bulletti, Carlo; De Ziegler, Dominique; Guller, Seth; Levitz, Mortimer** (Editors). *The Uterus: Endometrium and Myometrium.* (Annals of the New York Academy of Sciences, 828.) x + 368 pp., illus., figs., tables, bibls., index. New York: New York Academy of Sciences, 1997. \$110.
- Butchart, Alexander.** *The Anatomy of Power: European Constructions of the African Body.* xiv + 220 pp., illus., bibl., index. London/New York: Zed Books, 1998. \$62.50 (cloth); \$22.50 (paper).
- Byrd, Richard E.** *To the Pole: The Diary and Notebook of Richard E. Byrd 1925-1927.* Edited by Raimund E. Goerler. vi + 162 pp., frontis., illus., apps., bibl. Columbus: Ohio State University, 1998. \$19.95.
- Chard, Chloe; Langdon, Helen** (Editors). *Transports: Travel, Pleasure, and Imaginative Geography, 1600-1830.* (Studies in British Art, 3.) Foreword by Brian Allen and Patrick McCaughey. viii + 342 pp., illus., bibl., index. New Haven: Yale University Press, 1997. \$50.
- Christianson, Gale E.** *Isaac Newton and the Scientific Revolution.* (Oxford Portraits in Science.) 160 pp., frontis., illus., bibl., index. Oxford: Oxford University Press, 1996. \$11.95 (paper).
- Clarke, Adele E.** *Disciplining Reproduction: Modernity, American Life Sciences, and "the Problems of Sex."* xviii + 422 pp., illus., figs., tables, apps., bibl., index. Berkeley/Los Angeles/London: University of California Press, 1998. \$45, £35.
- Clayton, Philip D.** *God and Contemporary Science.* (Edinburgh Studies in Constructive Theology.) xii + 274 pp., index. Grand Rapids, Michigan: Wm. B. Eerdmans Publishing Company, 1997. \$25 (paper).
- Contributions of Women to Physics.* WEBSITE, illus., bibl. UCLA Dept. of Physics: <http://www.physics.ucla.edu/~cwp>, 1998.
- Colbert, Charles.** *A Measure of Perfection: Phrenology and the Fine Arts in America.* (Cultural Studies of the United States.) xviii + 442 pp., illus., bibl., index. Chapel Hill/London: University of North Carolina Press, 1997. \$55 (cloth); \$24.95 (paper).
- Cowan, Ruth Schwartz.** *A Social History of American Technology.* x + 342 pp., illus., figs., index. Oxford/New York: Oxford University Press, 1997. \$21.95 (paper).
- Creese, Mary R. S.; Creese, Thomas M.** *Ladies in the Laboratory? American and British Women in Science, 1800-1900.* xiv + 454 pp., figs., tables, apps., bibls., index. Lanham, Md./London: Scarecrow Press, 1998. \$98.50.
- Cremo, Michael A.** *Forbidden Archeology's Impact: How a Controversial New Book Shocked the Scientific Community and Became an Underground Classic.* Foreword by Colin Wilson. xxxiv + 570 pp., bibl., index. Los Angeles: Bhaktivedanta Book Publishing Inc., 1998. \$35.
- Crollius, Oswaldus.** *Alchemomedizinische Briefe: 1585 bis 1597.* Edited and translated by Wilhelm Kuhlmann and Joachim Telle. (Heidelberger Studien zur Naturkunde der frühen Neuzeit, 6.) viii + 256 pp., illus., bibl., index. Stuttgart: Franz Steiner Verlag, 1998. DM 120, öS 876.
- Dahl, Per F.** *Flash of the Cathode Rays: A History of J.J. Thomson's Electron.* xviii + 526 pp., illus., tables, bibl., indexes. Bristol/Philadelphia: Institute of Physics, 1997.
- Danziger, Kurt.** *Naming the Mind: How Psychology Found its Language.* viii + 214 pp., bibl., index. London: Sage Publications, 1997. \$23.95 (paper).
- Daston, Lorraine; Park, Katharine.** *Wonders and the Order of Nature: 1150-1750.* 512 pp., illus., bibl., index. Cambridge, Mass.: MIT Press, 1998. \$34.
- de la Forge, Louis.** *Treatise on the Human Mind.* Translated and with an introduction by Desmond M. Clarke. (International Archives of the History of Ideas, vol. 153.) xxvi + 238 pp., figs., index. Orig. publ. 1664. Dordrecht: Kluwer Academic Publishers, 1998. \$125, £75, Dfl 220.

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de Saussure, H.-B. *Discours Préliminaire aux Voyages dans les Alpes*. Preface by Albert V. Carozzi. (Minizoe, vol. 34.) 46 pp., illus., bibl. Geneva: Editions Zoé, 1998.

de Chadarevian, Soraya; Kamminga, Harmke (Editors). *Molecularizing Biology and Medicine: New Practices and Alliances, 1910s-1970s*. (Studies in the History of Science, Technology and Medicine.) xviii + 304 pp., illus., figs., bibls., index. Amsterdam: Harwood Academic Publishers, 1998. \$59.

de Maistre, Joseph. *An Examination of the Philosophy of Bacon: Wherein Different Questions of Rational Philosophy Are Treated*. Translated and Edited by Richard A. Lebrun. lxiv + 332 pp., index. Montreal/Kingston/London/Buffalo: McGill-Queen's University Press, 1998. \$75.

Di Liscia, Daniel A.; Kessler, Eckhard; Methuen, Charlotte (Editors). *Method and Order in Renaissance Philosophy of Nature: The Aristotle Commentary Tradition*. xii + 416 pp., index. Aldershot, Eng./Brookfield: Ashgate, 1997. \$93.95.

Dodge, Richard Irving. *The Black Hills Journals of Colonel Richard Irving Dodge*. Edited by Wayne R. Kime. (The American Exploration and Travel Series, 74) xiv + 274 pp., frontis., illus., bibl., index. Norman: University of Oklahoma Press, 1996. \$29.95.

Ducos, Joëlle. *La Météorologie en Français au Moyen Âge (XIII<sup>e</sup> - XIV<sup>e</sup> Siècles)*. (Sciences, Techniques et Civilisations du Moyen Âge à L'Aube des Lumières, 2.) 494 pp., illus., tables, apps., bibl., indexes. Paris: Honoré Champion, 1998. Fr 430.

Edel, Abraham. *Science and the Structure of Ethics*. Introduction by Irving Louis Horowitz. xvi + 102 pp. New Brunswick, N.J.: Transaction Publishers, 1998. \$29.95.

Edelson, Edward. *Francis Crick and James Watson: And the Building Blocks of Life*. (Oxford Portraits in Science.) 112 pp., frontis., illus., figs., bibl., index. New York: Oxford University Press, 1998. \$20.

Edmondson, James M. *American Surgical Instruments: An Illustrated History of their Manufacture and a Directory of Instrument Makers to 1900*. Foreword by John Kirkup. xii + 352 pp., illus., apps., index. San Francisco: Norman Publishing, 1997. \$150.

England, Gary A. *Weathering the Storm: Tornadoes, Television, and Turmoil*. xiv + 226 pp., illus., figs., index. Norman: University of Oklahoma Press, 1996. \$16.95 (paper).

Fagan, Brian. *From Black Land to Fifth Sun: The Science of Sacred Sites*. x + 404 pp., illus., figs., bibl., index. Reading, Mass.: Helix Books, Addison Wesley, 1998. \$26, Can \$36.95.

Fairman, Julie; Lynaugh, Joan E. *Critical Care Nursing: A History*. (Studies in Health, Illness, and Caregiving.) Foreword by Gladys M. Campbell and Barbara Siebelt. illus., bibl., index. Philadelphia: University of Pennsylvania Press, 1998. \$27.50, £25.

Fellman, Gordon. *Rambo and the Dalai Lama: The Compulsion to Win and Its Threat to Human Survival*. Foreword by the Dalai Lama. xvi + 300 pp., bibl., index. Albany: SUNY Press, 1998. \$21.95 (paper).

Flannery, Michael A. *John Uri Lloyd: The Great American Eclectic*. xx + 234 pp., illus., apps., index. Carbondale: Southern Illinois University Press, 1998. \$34.95.

Forrester, John. *Dispatches from the Freud Wars: Psychoanalysis and its Passions*. x + 310 pp., index. Cambridge, Mass.: Harvard University Press, 1997. \$27.95.

Friedman, Milton & Rose D. *Two Lucky People: Memoirs*. xii + 660 pp., illus., bibl., index. Chicago/London: University of Chicago Press, 1998. \$35.

Fritscher, Bernard; Henderson, Fergus (Editors). *Toward a History of Mineralogy, Petrology, and Geochemistry*. (Algorismus: Studien zur Geschichte der Mathematik und der Naturwissenschaften, 23.) (Proceedings of the International Symposium on the History of Mineralogy, Petrology, and Geochemistry, Munich, March 8-9, 1996) x + 424 pp., illus., figs., bibl. Munich: Institut für Geschichte der Naturwissenschaften, 1998.

Gall, Alexander. *Das Atlantropa-Projekt: Die Geschichte einer gescheiterten Vision. Hermann Sorgel und die Absenkung des Mittelmeers*. 188 pp., illus., figs., bibl. Frankfurt: Campus Verlag, 1998. DM 39.80, öS 291 (paper).

Gascoigne, John. *Science in the Service of Empire: Joseph Banks, the British State, and the Uses of Science in the Age of Revolution*. viii + 248 pp.,

illus., bibl., index. Cambridge: Cambridge University Press, 1998. \$64.95.

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Good, Gregory A. (Editor). *Sciences of the Earth: An Encyclopedia of Events, People, and Phenomena*. (Garland Encyclopedias in the History of Science, vol. 3; Garland Reference Library of Social Science, 745.) 2 Volumes. xvi + 902 pp., illus., bibls., indexes. New York/London: Garland Publishing, Inc., 1998. \$150.

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Haller, John S. *Kindly Medicine: Physio-medicalism in America, 1836-1911*. xvi + 208 pp., illus., bibl., index. Kent, Ohio/London: Kent State University Press, 1998. \$35.

Hart, David M. *Forged Consensus: Science, Technology, and Economic Policy in the United States, 1921-1953*. (Princeton Studies in American Politics: Historical, International, and Comparative Perspectives.) xiv + 268 pp., bibl., index. Princeton: Princeton University Press, 1998. \$39.95, £30.

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**MacDonald, John.** *Arctic Sky: Inuit Astronomy, Star Lore, and Legend.* x + 314 pp., illus., figs., bibls., index. Toronto: Royal Ontario Museum, 1998. \$29.95 (paper).

**Margitay, Tihamér.** *Theories in Contexts: On the Interpretation of Scientific Theories.* xii + 192 pp., bibl., index. Budapest: Akadémiai Kiadó, 1998. \$40.

**Margolis, Deborah P.** *Freud and His Mother: Precedential Aspects of Freud's Personality.* xii + 194 pp., bibl., index. Northvale, N.J.: Jason Aronson, 1996. \$30 (paper).

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- Mehrling, Perry G. *The Money Interest and the Public Interest: American Monetary Thought, 1920-1970*. (Harvard Economic Studies, vol. 162.) xvi + 284 pp., bibl., index. Cambridge, Mass.: Harvard University Press, 1998. \$45.
- Meyers, Amy R.W. *Art and Science in America: Issues of Representation*. viii + 208 pp., frontis., illus. San Marino, Calif.: Huntington Library, 1998. \$15 (paper).
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- Morange, Michel. *A History of Molecular Biology*. Translated by Matthew Cobb. viii + 336 pp., index. Cambridge, Mass.: Harvard University Press, 1998. \$39.95.
- Morrell, Jack. *Science at Oxford 1914-1939: Transforming an Arts University*. xx + 474 pp., illus., index. Oxford/New York: Oxford University Press, 1998. \$105.
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- Nell, Edward J. *The General Theory of Transformational Growth: Keynes after Sraffa*. xxviii + 784 pp., figs., bibl., index. Cambridge: Cambridge University Press, 1998. \$135.
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- Officer, Charles; Page, Jake. *The Great Dinosaur Extinction Controversy*. xiv + 210 pp., illus., figs., tables, bibl., index. Reading, Mass.: Addison-Wesley, 1996. \$25.
- Ogborn, Miles. *Spaces of Modernity: London's Geographies, 1680-1780*. (Mappings: Society/ Theory/Space.) xii + 340 pp., illus., figs., bibl., index. New York/London: Guilford Press, 1998. \$21.95.
- Ostertag, Gary (Editor). *Definite Descriptions: A Reader*. xii + 412 pp., bibl., index. Cambridge, Mass.: MIT Press, 1998. \$30 (paper).
- Paoletti, Rodolfo; Notario, Antonia; Ricevuti, Giovanni (Editors). *Phagocytes: Biology, Physiology, Pathology, and Pharmacotherapeutics*. (Annals of the New York Academy of Sciences, 832.) x + 450 pp., illus., figs., tables, index. New York: New York Academy of Sciences, 1998. \$110.
- Pasachoff, Naomi. *Alexander Graham Bell: Making Connections*. (Oxford Portraits in Science.) 144 pp., frontis., illus., bibl., index. Oxford: Oxford University Press, 1996. \$11.95 (paper).
- Patai, Raphael. *The Children of Noah: Jewish Seafaring in Ancient Times*. Contributions by James Hornell and John M. Lundquist. Foreword by Howard Sachar. xx + 228 pp., app., index. Princeton: Princeton University Press, 1998. \$24.95, £17.95.
- Pattatucci, Angela M. (Editor). *Women in Science: Meeting Career Challenges*. xiv + 304 pp., app., bibl., index. Thousand Oaks, Calif./London: Sage Publications, 1998. \$51.
- Paul, Diane B. *The Politics of Heredity: Essays on Eugenics, Biomedicine, and the Nature-Nurture Debate*. (SUNY Series, Philosophy and Biology.) viii + 220 pp., bibl., index. Albany: State University of New York Press, 1998. \$19.95 (paper).
- Peirce, Charles Sanders. *His Glassy Essence: An Autobiography of Charles Sanders Peirce*. Edited by Kenneth Laine Ketner. (Vanderbilt Library of American Philosophy.) xiv + 418 pp., illus., app., bibl., index. Nashville/London: Vanderbilt University Press, 1998. \$39.95.
- Perleth, Matthias. *Historical Aspects of American Trypanosomiasis (Chagas' Disease)*. (Medizin in Entwicklungslandern, vol. 43.) 172 pp., illus., figs., tables, bibl. Frankfurt am Main: Peter Lang AG, 1997. \$35.95.
- Person, Ethel Spector (Editor). *On Freud's "A Child is Being Beaten"*. (Contemporary Freud Turning Points & Critical Issues.) xxvi + 200 pp., bibl., index. New Haven, Conn.: Yale University Press, 1997. \$25.
- Peters, Margot. *May Sarton: A Biography*. xii + 478 pp., illus., bibl., index. New York: Knopf, 1997. \$30, Can \$42.
- Petherbridge, Deanna; Jordanova, Ludmilla. *The Quick and the Dead: Artists and Anatomy*. Preface by Susan Ferleger Brades. 120 pp., illus., bibl., index. Berkeley: University of California Press, 1998. \$24.95 (paper).
- Petranka, James W. *Salamanders of the United States and Canada*. xvi + 588 pp., illus., figs., apps., bibl., index. Washington, D.C.: Smithsonian Institution Press, 1998. \$60.
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- Pierce, Charles Sanders. *Chance, Love, and Logic: Philosophical Essays*. Edited by Morris Cohen. Essay by John Dewey. Introduction by Kenneth Laine Ketner. xvi + 318 pp., Original Publication 1923. figs., bibl. Lincoln: University of Nebraska Press, 1998. \$15 (paper).
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- Planck, Max. *Eight Lectures on Theoretical Physics*. Translated by A. P. Wills. Introduction by Peter Pesic. xiv + 146 pp., figs. Mineola, N.Y.: Dover Publications, 1998. \$6.95 (paper).
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- Principe, Lawrence M. *The Aspiring Adept: Robert Boyle and His Alchemical Quest*. xiv + 340 pp., bibl., index. Princeton: Princeton University Press, 1998. \$45, £32.50.
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