The 1999 International Botanical Congress in St. Louis, Missouri received widespread news coverage, in part, for reports on the "Deep Green" project, which calls for a thorough revision of plant nomenclature. The St. Louis Congress, which was held under the auspices of the International Union of Biological Sciences (IUBS), will be the source of much debate among future historians, and, fortunately, was well attended by current historians of science. At the request of Dr. Peter Hoch, the Secretary-General of the 16th International Botanical Congress, the History of Science Society put out a call for symposia on the history of botany, resulting in the presentation of two historical sessions that were organized by HSS members.

HSS member Karen Reeds, along with Staffan Müller-Wille, Curator, Deutsches Hygiene-Museum, Dresden organized the panel, "Fin de Siecle Botany." Seven historians of botany from the USA, Canada, and Germany discussed the state of the discipline at the turn of past centuries before an audience of more than 100 plant scientists. The speakers included: John Riddle on medicinal botany at 100 CE; Karen Reeds on Leonardo, printing, and botany in 1500; Brian Ogilvie on changing methods and aims in descriptive botany ca. 1600; Susan McMahon on the disciplinary transformation of English botany ca. 1700; Staffan Müller-Wille on the pace and organization of research after Linnaeus ca. 1800; and Mark Madison on the incursion of evolution, genetics and ecology into the plant sciences ca. 1900. The seventh speaker, Sergio Toreseilla, who was to speak on alchemical herbals ca. 1400, could not attend and was replaced by Frederick G. Meyer—the author of a newly published commentary and facsimile reprint of the great sixteenth-century herbal of Leonhart Fuchs—who spoke extemporaneously about the continuing value of Fuchs's work to botanists.


HSS members will have a chance to visit St. Louis in 2000 when the fourth quadrennial British-North American meeting convenes there 3-6 August. The conference will be held in the beautiful Hyatt Regency Union Station and excursions to the world-famous Missouri Botanical Gardens will be on the agenda.
News from the Executive Director

The 1999 annual meeting promises some special memories. In addition to organizing a wonderful program, program chairs Edith Sylla and Frederick Gregory have suggested some unusual twists, such as the "Historians' Predictions" board. Delegates will be encouraged to write down what they predict science, medicine, and HSS will look like in 25 years (when HSS will be celebrating its centennial), as well as in the next 100 years. A sample of these predictions will be printed in the Newsletter and posted on the Web site. In another unique offering, a limited edition, 75th anniversary poster will be available for purchase. The price for the poster will be kept low, to offset production costs, so that every member will have the opportunity to own this meeting memento. Finally, a special dinner is being held for current and past members of the HSS Executive Committee. This event is being held to thank these members who have selflessly furthered the interests of the History of Science Society.

In the midst of our semisesquicentennial celebration, changes in the HSS Newsletter are on the horizon. Members will have noticed that the "Iris books received" list has been posted on the HSS Web site over the past year. This archived list offers members search abilities not available in the Newsletter. We will be redesigning the Newsletter and because the "Iris books received" section is expensive to produce, we are considering eliminating this list from the Newsletter and carrying it only on the HSS Web site. However, the Newsletter is produced for the membership and the Isis list will not be removed if there is an outcry. Please let us know your thoughts on this matter. An exciting addition to the Newsletter will be a new Education Column. This column, developed by the HSS Committee on Education, will discuss resources and strategies for educational issues, thus strengthening our commitment to education at all levels as it relates to the history of science. The CoE believes that a regular intellectual space to discuss such issues will foster positive experiences in education and raise the profile of HSS in the world of education. We are fortunate that Paul Farber has agreed to serve as column editor.

HST Database Changes

RLG is updating the Eureka interface that accesses the online History of Science, Technology and Medicine Database. This new version of Eureka requires: Netscape Navigator 3 or 4, or Microsoft Internet Explorer 4 or 5 and JavaScript enabled in your web browser. The new Eureka version service cannot be used with Windows 3.x because of limitations in 16-bit Web browsers, but the old interface will remain active for Windows 3.x users for one year. The 32-bit Windows systems (Windows95, Windows98, WindowsNT) can be used, as well as the Macintosh and Unix operating systems, and do not have this system limitation.

REMININDER—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 Web site, and the History of Science and Technology Database (HST) through the HSS homepage http://depts.washington.edu/hssexec/. RLG has assigned us "Y6.G19" as a "User Name" and "HSSDEMO" as a "Password."

History of Science Society Newsletter  October 1999

History of Science Society Executive Office

University of Washington
Box 351330
Seattle, Washington 98195-1330
Phone: 206/543-9366
Fax: 206/685-9544
e-mail: hssexec@u.washington.edu
Web site: http://depts.washington.edu/hssexec/
Physical address (Fed-Ex, UPS):
Johnson Hall, Room 226
University of Washington
Seattle, Washington 98195-1330

Subscription Inquiries: ISIS and HSS Newsletter

Please contact the University of Chicago Press directly, at: subscriptions@journals.uchicago.edu, (fax) 773/753-0811, or write University of Chicago Press, Subscription Fulfillment Manager, P.O. Box 37005, Chicago, IL 60637.

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 Adobe PageMaker. The format and editorial policies are determined by the Executive Director in consultation with the HSS Executive Committee. 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 x 7.5"), $350;
- Half page (4.5 x 7.5"), $200;
- Quarter page (3 x 5"), $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).
AMS Histories and Biographies

The AMS continues to publish and distribute books of notable historical and biographical significance. These recently published titles represent several AMS book series, including History of Mathematics, AMS Chelsea Publishing, Mathematical Surveys and Monographs, and Mathematical World. Many of the books have received outstanding reviews from peer-review journals, such as Zentralbatt für Mathematik, Bulletin of the AMS, American Mathematical Monthly, and The Mathematics Teacher. For more titles of historical and biographical interest, search the AMS Bookstore at www.ams.org/bookstore.

A History of Mathematics
Fifth Edition
Florian Cajori
In one concise volume this unique book presents an interesting and reliable account of mathematics history for those who cannot devote themselves to an intensive study. The book is a must for personal and departmental libraries alike.
AMS Chelsea Publishing: 1991; 524 pages; Hardcover; ISBN 0-8218-1303-7; List $30; All AMS members $27; Order code CHEL/303SH99

Rings and Things and a Fine Array of Twentieth Century Associative Algebra
Carl Faith, Professor Emeritus, Rutgers University, New Brunswick, NJ
This book surveys more than 125 years of aspects of associative algebras, especially ring and module theory. It is the first to probe so extensively such a wealth of historical development.

Some Points of History
Lars Gårding, Lund University, Sweden
This book is a collection of small essays containing the history and the proofs of some important and interesting theorems of analysis and partial differential operators in this century. This book is co-published with Higher Education Press (Beijing) and is distributed worldwide, except in the PRC, by the American Mathematical Society.
University Lecture Series, Volume 11; 1997; 88 pages; Softcover; ISBN 0-8218-0757-9; List $16; All AMS members $13; Order code ULECT/11SH99

I Have a Photographic Memory
Paul R. Halmos, Santa Clara University, CA
This delightful collection of mathematical memorabilia has become a favorite browsing book as well as a valuable historical record. It is now available in a paperback edition.
1988; 326 pages; Softcover; ISBN 0-8218-1939-9; List $39; All AMS members $31; Order code PHOMEM/1SH99

Famous Problems and Other Monographs
Second Edition
Felix Klein, W. F. Sheppard, P. A. MacMahon, and J. L. Mordell
A fascinating, simple, easily understandable account of the famous problems of Geometry—The Duplication of the Cube, Trisection of the Angle, Squaring of the Circle—and the proofs that these cannot be solved by ruler and compass. Suitable presented to undergraduates, with no calculus required.

Jacques Hadamard, A Universal Mathematician
Vladimir Maz'ya and Tatjana Shaposhnikova, Linköping University, Sweden
This book presents a fascinating story of the long life and great accomplishments of Jacques Hadamard (1865-1963), who was once called "the living legend of mathematics". As one of the last universal mathematicians, Hadamard's contributions to mathematics are landmarks in various fields.
Co-published with the London Mathematical Society. Members of the LMS may order directly from the AMS at the LMS member price. The LMS is registered with the Charity Commissioners.
History of Mathematics, Volume 14; 1998; 574 pages; Softcover; ISBN 0-8218-1923-2; List $49; All AMS members $39; Order code HMATH/14SH99

Supplementary Reading

Algebra in Ancient and Modern Times
V. S. Varadarajan, University of California, Los Angeles
The volume traces the historical development of algebra and the theory of equations from ancient times to the beginning of modern algebra, outlining some modern themes such as the fundamental theorem of algebra, Clifford algebras, and quaternions. It is geared toward undergraduates who have no background in calculus.
This book is co-published with the Hindustan Book Agency (New Delhi) and is distributed worldwide, except in India, Sri Lanka, Bangladesh, Pakistan, and Nepal by the American Mathematical Society.
Mathematical World, Volume 12; 1998; 142 pages; Softcover; ISBN 0-8218-0989-X; List $25; All AMS members $20; Order code MAWRDL/12SH99

All prices subject to change. Charges for delivery are $3.00 per order. For optional air delivery outside of the continental U.S., please include $6.50 per item. Prepayment required. Orders from: American Mathematical Society, P.O. Box 6248, Providence, RI 02904, USA. For credit card orders, fax 1-401-455-4046 or call toll free 1-800-321-4AMS (4268) in the U.S. and Canada, 1-401-455-4000 worldwide. Or place your order through the AMS Bookstore at www.ams.org/bookstore. Residents of Canada, please include 7% GST.
This report covers searches made during the 1998-1999 academic year for positions beginning in or about the fall of 1999. HSS sent out a total of 103 questionnaires; of those, we received forty-two completed, usable responses from institutions in the United States, Europe, and Asia. Seventeen graduate students and other job-seekers also responded to a questionnaire posted on the HSS Web site. We greatly appreciate the time and effort all these people devoted to completing this material.

The table below summarizes the information derived from this year's completed surveys. 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. Numbers involved here are small enough that minor errors or uncertainties may cause great differences in results.

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

Of the nineteen job searches announced in category 1 (HP/STM primary interest), eleven were permanent, seven temporary, and one other. The eleven permanent positions actually filled went to seven male candidates (63.6% of the total number of successful applicants) and four female candidates (36.4%). Of the seven temporary positions filled, two males (40%) and three females (60%) received jobs (two surveys failed to indicate this information). Of the nineteen posts filled, at least nine of the successful applicants held a Ph.D. in HP/STM; others had earned doctoral degrees in anthropology, philosophy, history, or alternate fields. (continued on page 6)

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

<table>
<thead>
<tr>
<th>Field Description</th>
<th>Rank Offered</th>
<th>Total # applicants: male, female</th>
<th>Successful Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Back­ground</td>
<td>Advertising Media</td>
<td>Gender, “protected class,” Degree: date, field</td>
</tr>
<tr>
<td><strong>PERMANENT:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Univ. of Notre Dame</td>
<td>S, T, M, PS</td>
<td>T</td>
<td>Asst. Prof.</td>
</tr>
<tr>
<td>Univ. of Penn.</td>
<td>T</td>
<td>NR</td>
<td>Asst. or Assoc.</td>
</tr>
<tr>
<td>Iowa State Univ.</td>
<td>S, T, M</td>
<td>D, T</td>
<td>Asst. Prof.</td>
</tr>
<tr>
<td>Rensselaer Poly. Inst.</td>
<td>S, T</td>
<td>NR</td>
<td>Asst. Prof.</td>
</tr>
<tr>
<td>Univ. Rhode Island</td>
<td>S, M</td>
<td>D, T</td>
<td>Asst. Prof.</td>
</tr>
<tr>
<td>Rice Univ.</td>
<td>PS</td>
<td>D</td>
<td>Asst. Prof.</td>
</tr>
<tr>
<td>Univ. of Minnesota</td>
<td>T</td>
<td>D</td>
<td>Asst. or Assoc.</td>
</tr>
<tr>
<td>Univ. of Winnipeg</td>
<td>S</td>
<td>D</td>
<td>Asst. Prof.</td>
</tr>
<tr>
<td>Natl Tsing-Hua U. Taiwan</td>
<td>S, T</td>
<td>M</td>
<td>NR</td>
</tr>
<tr>
<td>Univ. North Carolina</td>
<td>S, T</td>
<td>D</td>
<td>NR</td>
</tr>
<tr>
<td>MIT Museum</td>
<td>S, T</td>
<td>M</td>
<td>Curator</td>
</tr>
<tr>
<td><strong>TEMPORARY:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Univ. Oklahoma</td>
<td>S</td>
<td>D</td>
<td>Visiting fac.</td>
</tr>
<tr>
<td>Wisconsin, Madison</td>
<td>M</td>
<td>NR</td>
<td>Visiting</td>
</tr>
<tr>
<td>Wisconsin, Madison</td>
<td>M</td>
<td>D</td>
<td>Visiting/lecturer</td>
</tr>
<tr>
<td>U. Minnesota</td>
<td>T</td>
<td>NR</td>
<td>Visiting</td>
</tr>
<tr>
<td>Max Planck Inst. Berlin</td>
<td>S, PS</td>
<td>D</td>
<td>research fellow</td>
</tr>
<tr>
<td>Max Planck Inst. Berlin</td>
<td>S, PS</td>
<td>D</td>
<td>research</td>
</tr>
<tr>
<td>Einstein Papers Project</td>
<td>S, PS</td>
<td>D</td>
<td>asst/assoc editor</td>
</tr>
<tr>
<td><strong>OTHER:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### News of the Society

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

<table>
<thead>
<tr>
<th>Job Description</th>
<th>Rank Offered</th>
<th>Total # applicants:</th>
<th>Successful Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>male, female</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Field</td>
<td>Back- Ground Advertising</td>
<td>Media</td>
</tr>
<tr>
<td>PERMANENT:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U. Minnes. Rhetoric</td>
<td>NR</td>
<td>NR</td>
<td>2</td>
</tr>
<tr>
<td>Manhattan Coll. History</td>
<td>NR</td>
<td>D, T</td>
<td>1,2,6,7</td>
</tr>
<tr>
<td>Cal State Chico History</td>
<td>S,T, M</td>
<td>D, T</td>
<td>1,6</td>
</tr>
<tr>
<td>NY Acad. of Med.</td>
<td>NR</td>
<td>library</td>
<td>3,6,7</td>
</tr>
<tr>
<td>TEMPORARY:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vanderbilt Univ.</td>
<td>S, M</td>
<td>D</td>
<td>1,2</td>
</tr>
<tr>
<td>Rens. Poly. Inst., STS</td>
<td>T</td>
<td>NR</td>
<td>2,5,6,7</td>
</tr>
<tr>
<td>NASA Ames History Proj.</td>
<td>S,T</td>
<td>PH</td>
<td>6,7</td>
</tr>
<tr>
<td>Charles Babbage Inst, Minn.</td>
<td>T</td>
<td>D, PH</td>
<td>4,5</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Job Description</th>
<th>Rank Offered</th>
<th>Total # applicants:</th>
<th>Successful Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>male, female</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Field</td>
<td>Back- Ground Advertising</td>
<td>Media</td>
</tr>
<tr>
<td>PERMANENT:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>III. Inst Tech humanities</td>
<td>NR</td>
<td>D</td>
<td>1,2,3,5,7</td>
</tr>
<tr>
<td>U. Wash., envir hist.</td>
<td>NR</td>
<td>NR</td>
<td>1,6</td>
</tr>
<tr>
<td>W. Mich U. science stud.</td>
<td>S, PS</td>
<td>NR</td>
<td>2,7</td>
</tr>
<tr>
<td>Henry Ford Museum</td>
<td>S,T</td>
<td>PH</td>
<td>1,5,6,7</td>
</tr>
<tr>
<td>Univ. of Liverpool hist.</td>
<td>NR</td>
<td>D, A</td>
<td>NR</td>
</tr>
<tr>
<td>U. Edinburgh sociology</td>
<td>NR</td>
<td>NR</td>
<td>7</td>
</tr>
<tr>
<td>TEMPORARY:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sarah Lawrence envir stud.</td>
<td>NR</td>
<td>D</td>
<td>2,4,6</td>
</tr>
</tbody>
</table>

**KEY:**

**FIELD:**

- S History of Science
- T History of Technology
- M History of Medicine
- PS Philosophy of Science
- STS Sci, Tech, and Society

**BACKGROUND:**

- D Ph.D. Required
- A Archival Training, Experience
- M Museum Training, Experience
- PH Public History
- Teach American or Western History Survey

**ADVERTISING MEDIA:**

1. AHA Perspectives
2. Chronicle of Higher Education
3. AAHM Newsletter
4. HSS Newsletter
5. SHOT Newsletter
6. H-Net, HSS Web site, other electronic media
7. Other

NR: No (clear) Reply
(continued from page 4)

Of the eight searches in category 2 (HP/STM desired secondary),
the four permanent positions went to two male (50%) and two female
candidates (50%). The four temporary posts went to three male (75%)
and one female candidate (25%). With seven searches in category 3
(HP/STM possible), six were permanent, one temporary. The six
permanent positions actually filled went to four male candidates
(66.6%) and two female candidates (33.3%); the temporary slot went
to a female candidate.

Regarding concerns of the HSS Women's Caucus, the tables
indicate total size and gender distribution of the applicant pools for at
least some positions. Of a total thirty-four permanent and temporary
positions filled this year (at least as documented in survey returns),
thirteen went to women (40.6% of posts for which the gender of the
successful candidate was recorded). Out of the thirty-four responses,
two places indicated that their hires were "members of a 'minority'
class as defined by your institution."

When asked for comments on current employment conditions,
one search committee representative noted, "In history departments
people trained in history of science must pass muster with historians
who will have other training of interests. It is extraordinarily difficult
to hire in this area, no matter what the applicant has achieved in history
of science." Three institutional representatives praised the generally
high quality of their applicant pools (though another one called the
preparation of candidates "considerably less impressive than in earlier
years"). Among other trends worth noting, this year's survey underlines
the increasing importance of Web sites and newsgroups in the
employment process; a significant number of institutions advertised
their openings extensively or even primarily through electronic media.

Of the seventeen responses from graduate students and other job-
seekers to the questionnaire on the HSS Web site, fifteen gave enough
information to analyze and to indicate that they had been looking
seriously for employment. This group on average applied for twenty-
four jobs during the past year, though some people applied for just one
and others for as many as fifty positions. Of the fifteen, two reported
success in landing opportunities (one with a "dream job"), seven
found more-or-less acceptable temporary, adjunct, or postdoc posts;
two made an "interview list," one declined a job offer, and three
reported "no success." (Again, it is worth noting the limits of drawing
conclusions from such a small and self-selected pool of respondents.)
Two individuals specifically mentioned that the ongoing frustration
created by "too many Ph.D.s chasing too few jobs" has made them
decide to leave the profession (despite a love of teaching and research).

Nine job-seekers expressed fundamental complaints about a
"flagrant disregard for civility" in the job-seeking process, especially
citing the frustration of dealing with institutions that fail to give
prompt (or indeed any) feedback to applicants. "Many institutions
are very slow to inform candidates that they are no longer under
consideration, although one soon finds out through word of mouth....
In one case, I received formal notification that the job was filled a full
YEAR after the application deadline... how difficult is it to mail out
a form letter to those not on the short list?" Regarding search
mechanics, one wrote, "Staggering interviews in hotel rooms created
innumerable awkward moments for candidates. Indeed, just having
interviews in hotel rooms is itself inherently awkward!"

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. I would like to express my gratitude to Melissa
Oliver, Neocles Serafimidis, Robert J. Malone, and others at the HSS
Executive Office for maintaining the Web site, assembling the list of
positions, and sending out questionnaires. Thanks also to the HSS
Women's Caucus for its promotion of the annual survey project.

---

History of Science Society Newsletter October 1999

Special offer for HSS members!

Social Studies of Science
An International Review of Research in the Social Dimensions
of Science and Technology

The leading journal dealing with the crucial issues in the
relationship between science and society... a vital responsive
and continuing resource for all academics in the field, and for
all readers interested in the analysis of modern science.
Six times a year: February, April, June, August, October, December (ISSN:0306-3127)
Edited by David Edge University of Edinburgh, UK
Save 20% on a Subscription to SSS

Special rate for HSS members £39/US$62 (Save £10/US$16)

For further details please contact: SAGE Publications
Non-US orders: 6 Bonhill Street, London EC2A 4PU, UK
US orders: PO Box 5096, Thousand Oaks, CA91359, USA

Back issues of Isis sought

The Universitas Pelita Harapan, a university in Indonesia, is seeking
back issues of Isis, (coverage 1942-1983), for their physics library. If
you are interested in donating your unwanted journals, please contact
Yahones Surya; Director of International Center for Physics and
Mathematics; Universitas Pelita Harapan; Lippo Village, Karawaci,
Tangerang; Jawa Barat — Indonesia 15810. E-mail: y_surya@hotmail.com. Professor Surya states that he can provide
reimbursement for shipping costs (M-bag or surface mail).
**MUSEUMS OF MODERN SCIENCE**

**SVANTE LINDQVIST, EDITOR**

Marika Hedin, Ulf Larsson, Associate Editors

The Issues: How to Explain Modern Science and How to Reach the Indifferent.

Museums in the New Millennium—*Sir Neil Cossons*, Director, Science Museum, London • Communication of Science in the Deutsches Museum: In Search of the Right Formula—*Prof. Dr. Wolf Peter Felbhammer*, Generaldirektor, Deutsches Museum, München • The Musée des Arts et Métiers: Renovation Issues—*Mme Dominique Perriot*, Director, Musée des arts et métiers, Paris • Museums, Communities, and Contemporary Science—*Dr. Alan J. Friedman*, Director, New York Hall of Science, New York

The Level of Complexity: The Middle Way Between the Superficial and the Repellent.

Beyond Understanding: Curatorship and Access in Science Museums—*Dr. James A. Bennett*, Director, Museum of the History of Science, Oxford • Object Lessons: Some Entanglements of Science Museums—*Dr. Simon Schaffer*, Reader in History and Philosophy of Science, University of Cambridge • "The Physical Laboratory in Modern Education": Late 19th and 20th Century Perspectives—*Dr. Otto Sibum*, Research Director, Max Planck Institut für Wissenschaftsgeschichte, Berlin • Fact and Fancy: Art in the Presentation of Science—*Dr. Ken Arnold*, Wellcome Institute for the History of Medicine, London


New Technologies and the Objects of Science: Reflections on the Use of Multimedia—*Professor Paolo Galluzzi*, Director, Istituto e Museo di Storia della Scienza, Firenze • From Hands-On to Minds-On: A Step Forward For Social Transformation Through Science Museums—*Dr. Saroj Ghose*, past President National Council of Science Museums of India, past President ICOM, Calcutta • New Trends in Scientific Museology (Or How to Change the Visitor's Life)—*Profesor Jorge Wagensberg*, Director, Museu de la Ciència de la Fundación "la Caixa", Barcelona • Virtual Objects: Threat or Salvation?—*Dr. Doron Swade*, Head of Collections, Science Museum, London

Controversial Science Issues: Neither Apologetic Glorification nor "the Science War."

The Seven Pines Symposium
Roger H. Stuewer, University of Minnesota

The Seven Pines Symposium is dedicated to bringing historians, philosophers, and physicists together for several days in a collaborative effort to probe and clarify significant foundational issues in physics, as they have arisen in the past and continue to challenge our understanding today.

The symposium takes its name from Seven Pines Lodge, located near Lewis, Wisconsin, which was built in 1903 as a trout-fishing camp and since 1978 has been on the National Register of Historic Sites. In the past, President Calvin Coolidge and other notables vacationed there. Today, its idyllic setting and superb cuisine make it an ideal location for small informal meetings.

The third annual Seven Pines Symposium was held from May 5-9, 1999, on the subject, "The Field Concept in Physics." Twenty-seven historians, philosophers, and physicists were invited to participate in it.

Each day four speakers set the stage for discussion by addressing major aspects of the field concept in physics. Ernan McMullin (Notre Dame) and Friedrich Steinle (Göttingen) spoke on "The Origins of the Field Concept." Daniel M. Siegel (Wisconsin) and Jed Z. Buchwald (MIT) spoke on "The Physical Reality of the Field." James T. Cushing (Notre Dame) spoke on the "The Historical Development of Quantum Field Theory." Serge Rudaz (Minnesota) spoke on "The Need for a Field Theory." Jeremy N. Butterfield (Oxford) and Gordon N. Fleming (Pennsylvania State) spoke on "Conceptual Issues in Quantum Field Theory." Robert M. Wald (Chicago) and John Earman (Pittsburgh) spoke on "Quantum Field Theory in Curved Spacetime." Roberto Torretti (Chile) spoke on "Why Gravity Should Be Thought of as Curved Spacetime." Robert P. Geroch (Chicago) spoke on "Unsolved Problems in Classical General Relativity." Roger H. Stuewer (Minnesota) chaired a closing roundtable discussion. Unlike the typical conference, twice as much time was devoted to discussions following the talks than to the talks themselves, and long mid-day breaks permitted small groups to assemble at will.

As preparation for the talks and discussions, the speakers prepared summarizing statements and selected appropriate background reading materials, which were distributed in advance to all of the participants.

Lee Gohlike, the founder of the Seven Pines Symposium, has had a life-long interest in the history and philosophy of physics, which he has furthered through graduate studies at the Universities of Minnesota and Chicago. To plan the symposia, which will be held annually, he established an advisory board consisting of Roger H. Stuewer (Minnesota), Chair, Jed Z. Buchwald (MIT), John Earman (Pittsburgh), Geoffrey Hellman (Minnesota), Erwin N. Hiebert (Harvard), Don Howard (Notre Dame), and Alan E. Shapiro (Minnesota). Also participating in the third annual Seven Pines Symposium were Moritz Epple (Mainz), Joseph D. Harris (Dartmouth), Anne J. Kox (Amsterdam), Alberto A. Martinez (Minnesota), John D. Norton (Pittsburgh), Goran Pプリ (Minnesota), Robert D. Purington (Tulane), Josi M. Sanchez-Ron (Madrid), and Paul Teller (UC Davis).

Take A Look At These New Books From Krieger

A team of scholars united for this project in order to provide an almanac of some of the more recent achievements in fracture science and to compile a topical reference book with first-hand information on the methods and ideas in this field. Every section was written by the originator of or one of the top experts in the corresponding area, with emphasis on the most dynamic portion of this fast-growing and challenging science. This volume is suitable as a supplementary book for advanced courses on fracture and materials science.

For More Information Or To Order Call: 1-800-724-0025
History of Women and Gender, Science and Technology Syllabus Sampler

The history of women and gender in science has developed tremendously as a field over the past two decades. The number and quality of articles and books addressing these issues have increased substantially, thus making it both challenging and rewarding to teach courses in this field. Recognizing this, the Women’s Caucus of the History of Science Society has sponsored the compilation of a syllabus sampler for courses on the history of women and gender in science.

The syllabi presented in this collection were submitted by individual scholars (including historians of science, sociologists, and scientists) in response to an open invitation published in the History of Science Society Newsletter. The syllabi are divided into two groups: general surveys and topical courses on the history of women and gender in science, technology, and medicine. These courses have been taught at a variety of institutions ranging from large state universities to small liberal arts colleges to engineering schools.

While the majority of the syllabi focus exclusively on issues of women and gender in science, it is hoped that historians of science who teach courses defined either chronologically or by discipline will find this material valuable and relevant and look for ways to incorporate gender into their own syllabi. Scientists who teach courses on women and science should also find this collection helpful.

The sampler will be available for purchase at the semisesquicentennial meeting of the History of Science Society in Pittsburgh, November 4-7, 1999.

Syllabus Sampler 2000

The popular History of Science Syllabus Sampler is now seven years old. This handy volume has offered a broad selection of members’ course preparations and has proven a valuable teaching aid. It is now time to update the Sampler. This fall semester, letters will be mailed to HSS members requesting contributions to History of Science Syllabus Sampler II. Please collect your new syllabi for this semester, along with all syllabi from recent semesters, and be ready to send them or possible inclusion in the updated version.

If you have questions, please contact Henry Steffens at hsteffen@zoo.uvm.edu.

Media, Materiality, Memory: Aspects of Intermediality

Geoffrey Winthrop-Young and Michael Wutz seek essays for a special issue of Configurations, the journal of the Society for Literature and Science. Scheduled for publication in 2002, the issue intends to move beyond individual media-focused literary case studies and theorize on recent (and still emergent) developments in the field of media studies. It will include studies on: new theories of inter-, intra-, and hypermediality; new theories of media ecology; the problems and contingencies of media evolution; the infrastructure of information systems and the materialities of communication; media and cultural memory; media and the formation of social coherence; theoretical cross-fertilizations between systems theory, discourse analysis, post and/or retro-McLuhanism. We are also interested in contributions on the work of media theorists, such as Harold Innis, Marshall McLuhan, Paul Virilio, Friedrich Kittler, Vilim Flusser, Walter Mignolo, N.Katherine Hayles, Michael Giesecke, Jan Assmann, and Regis Debray, among others, as well as works in lesser known media-based developments, particularly in the US, Latin America, and in Europe. One-page proposals by 1 January 2000; essay drafts by January 2001. Please include a brief vita. Send to Winthrop-Young, Department of Germanic Studies, University of British Columbia, Vancouver, B.C., V6T 1Z1, Canada, winthrop@interchange.ubc.ca, and Wutz, Department of English, 1201 University Circle, Weber State University, Ogden UT 84408-1201, mwutz@weber.edu.

Publications Now Available from the HSS Executive Office

ORDER FORM

Name ____________________________
Address ____________________________
City ____________________________ State ______ ZIP ______
E-mail: ____________________________ Phone: ____________________________

Current Publications

NEW! ______copy/copies of An Introduction to the History of Science in Non-Western Traditions ($8 U.S./Canada; $10 other addresses).


____copy/copies of Topical Essays for Teachers ($8 U.S./Canada; $10 other addresses).

____copy/copies of History of Science Syllabus Sampler ($10 U.S./Canada; other addresses $15).

Total: $ ________ My payment in US funds is attached. ________

Visa or MasterCard # ________ exp. ________

Signature ____________________________

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.
The Dibner Institute Summer Seminar in the History of Biology

The Dibner Institute’s Seminar in the History of Biology met at the Marine Biological Laboratory June 1-9, 1999, to explore the background and broad influence of the late nineteenth-century biologist and popularizer, Ernst Haeckel. We asked, “Why Haeckel?” The answers proved complex and fascinating.

Robert Richards (University of Chicago) organized the seminar, enlisting Mario DiGregorio (UCLA), Michael Ruse (University of Guelph), Fred Churchill (Indiana University), and Christiane Groeben (Stazione Zoologica, Naples) as seminar leaders. Jack Diani (Washington University) worked with Garland Allen (Washington University) and Jim Collins (Arizona State University) to bring us outstanding hands-on laboratory sessions. David Castle, Erika Ellis, Kevin Dann and Manfred Laublicher led week-long discussion groups. Ernst Mayr’s afternoon visit was a high point. He recalled that in his youth, Haeckel and his materialistic monism was absolutely scandalous, and for that reason was “required reading.” Ernst scored points with his schoolmates, he said, by confronting his teacher with Haeckel’s irreligious views.

For photographs of the Dibner Seminar at MBL, courtesy of Marsha Richmond, Jack Diani, and Washington University, visit the online exhibit, at http://www.biology.wustl.edu/haeckelseminar/.

AMS Call for Papers

The American Meteorological Society is seeking contributors to its Interactive History of Earth Sciences site supported by the Sloan Foundation. Current topics include GATE, the GARP Tropical Atlantic Experiment of 1974 and the Clean Air Act of 1970. A third topic, Climate Controversies, will be posted soon. Introductory pages for these sites were prepared by Jim Fleming in collaboration with Bethany Knorr and Wesley Baff. An invitation to participate in the Clean Air Act project may be viewed at the following URL: http://www.ametsoc.org/AMS/sloan/cleanair/capostcard.html.

Free Physics Films Available

A set of 16mm films produced by Encyclopedia Brittanica Films and featuring Harvey White (Univ. of California) is now available. All (~175 films) are in their original canisters and are believed to be in excellent condition. You pay shipping. Contact Duane K. Fowler, Head, Dept. of Physics, Northern Michigan Univ., Marquette, MI 49855, (906) 227-2450, dfowler@nmu.edu.

HSS Sponsor-a-Scholar Program

___ Yes, I would like to sponsor the scholar I have listed below.
___ Yes, please choose a scholar for me.
___ Yes, please renew my sponsorship of the scholar named below.

Scholar’s Name: ________________________________
Address: ______________________________________
City: ___________________ Country: ___________ Postal Code: ______

Sponsor’s Name: _______________________________
Address: _____________________________________
City: ___________________ Country: ___________ Postal Code: ______
Telephone: ______________ Email: ______________

Amount Enclosed: _______________ ($35 annually for each scholar sponsored)

Please make check or money order payable in U.S. dollars to the History of Science Society. Send to HSS Executive Office, University of Washington, Box 351330, Seattle, WA 98195, USA.

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

Thanks to those HSS members who have participated in the Sponsor-a-Scholar Program in 1999!

Michele L. Aldrich
Lawrence Badash
Alan C. Bowen
Stephen G. Brush
David C. Cassidy
Peggy Champlin
Landor Clay
Jonathan Coopersmith
Lorraine Daston
Michael Aaron Dennis
Ron Doel
William Eamon
Bruce Eastwood
Anne Fitzpatrick
Elizabeth Garber
David Gooding
Loren Graham
Frederick Gregory
Benjamin Harris
J. L. Heilbron
Erwin Hiebert
Gerald Holton
Joel Howell
HSS Executive Office
ISIS Editorial Office
E.S. Kennedy
Bruce Lobitz
James E. McClellan, III
Michael Meo
John L. Michel
Naomi Oreskes
Nathan Reingold
Sylvan S. Schweber
Nancy Slack
Peter Spargo
Keith Sterling
Liba Taub
Neale Watson
Kathleen Whalen
Awards, Honors, & Appointments

Albert V. Carozzi, Professor Emeritus in the Department of Geology at the University of Illinois, Urbana-Champaign, was awarded the Prix Wegmann 1999 of the Société Géologique de France. The honor was conferred at the Society's annual meeting in Paris, on June 7, 1999. The recognition was based on Carozzi's lifelong contribution to the history of geology.

Sara S. Gronim, Lecturer at New Jersey Institute of Technology, has been awarded a Colonial Essay Award by the Colonial Society of Pennsylvania for her essay "At the Sign of Newton's Head: Astronomy and Cosmology in British Colonial New York." The essay will be published in the upcoming McNeil Center special issue of Pennsylvania History: A Journal of Mid-Atlantic Studies.

Carolyn Thomas de la Pena, a doctoral candidate in American Studies at the University of Texas, has been awarded the inaugural Audrey and William H. Helfand Fellowship in the Medical Humanities. Ms. de la Pena will use her fellowship for research on her dissertation, "Powering the Modern Body: Theories of Energy Transfer in American Medicine, Science, and Technology, 1880-1930."

Eric C. Schneider, Assistant Dean and Associate Director for Academic Affairs at the University of Pennsylvania College of Arts and Sciences, has been named the Paul Klemperer Fellow in History of Medicine. Dr. Schneider's project is entitled "The Golden Spike: Heroin in the Postwar City." While in residence at the New York Academy of Medicine he plans to utilize manuscript records of the Academy's concern about heroin trafficking and heroin abuse in New York during the 1950s.

Esther-Mirjam Sent, Assistant Professor in Economics and Faculty Fellow in History and Philosophy of Science at the University of Notre Dame, was recently awarded the 1999 Gunnar Myrdal Prize of the European Association for Evolutionary Political Economy (EAEPE) for her recent book The Evolving Rationality of Rational Expectations: An Assessment of Thomas Sargent's Achievements (Cambridge University Press, 1998). The Prize is awarded annually for the best monograph on a theme broadly in accord with the EAEPE Theoretical Perspectives.

Daniel Stolzenberg, Stanford University received a 1999 Jerry Stannard Memorial Award for his work "The Sympathetic Cure of Wounds: A Study of Magic, Nature, and Experience in Seventeenth-Century Science." This work details a controversy over a popular remedy for wounds in the seventeenth century. The weapons salve and sympathetic powder were believed to heal wounds at a distance when applied to an object containing the patient's blood. The practice became intensely controversial and triggered debates about the place of the supernatural in science and medicine. It stimulated discussion about the meaning of experience in the new empirical culture of the seventeenth century. The essay also reveals relationships between attitudes towards the weapons salve and confessional identity.

Helen E. Valls, St. Edmund's College, Cambridge, England received a 1999 Jerry Stannard Memorial Award for her work: "The Medieval Quid Pro Quo in Latin and French." This essay reviews the early history of the tract Quid Pro Quo—an alphabetical list of drugs and drug substitutes. It was intended to enable drug preparations in any circumstances, ranging from non-availability of an ingredient to intentional preparation of less costly versions. The work compares early and late medieval lists, and references surviving French texts in comparison with Medieval Latin texts. The Quid Pro Quo was essential to the teaching and licensing of apothecaries and herbalists in the Middle Ages.

Midwest Junto 2000

The forty-third Annual Meeting of the Midwest Junto for the History of Science will be held at the Linda Hall Library of Science, Engineering, and Technology, in Kansas City, MO, in April, 2000. The Junto is an informal forum for presentation and discussion of short papers by scholars, graduate students, and interested persons in general, on all areas of research in the history of science and technology. For information please contact Eliseo Fernandez, Reference Librarian, Linda Hall Library, 5109 Cherry St., Kansas City, MO 64110. Phone: (816) 363-5020. Fax: (816) 926-8785. E-Mail: fernande@lhl.lib.mo.us.

Summer 2000 at MBL

During the first week of June, 2000, the Dibner Institute Seminar at MBL will address "Putting Humans into Ecology." This is a pressing issue for scientists and policy makers today, that urgently needs some historical perspective. What do we know from history that should inform that discussion? And how have assumptions and conclusions changed over time? Jim Collins will lead the seminar. As a biologist and historian currently funded by NSF to study international cases of amphibian decline, and our knowledge of how humans affect that decline, he will bring important scientific questions to the fore. At the same time, study of humans and their complex actions must be included within ecological theory because humans as individuals and as societies are part of Earth's natural history. Accomplishing this task thus means building ecological theory around a multidisciplinary perspective integrating the natural and social sciences and the humanities. This Dibner Institute Seminar will explore the evolving history of efforts to put humans into ecology. Those working on the history, philosophy, and sociology of ecology, as well as ecologists, are encouraged to apply.

For more information, contact Carla Chrisfield at the Dibner Institute for the History of Science and Technology (carlac@mit.edu), or one of the seminar co-organizers, John Beatty (jbeatty@maroon.tc.umn.edu); James Collins (jcollins@asu.edu); or Jane Maienschein (maienschein@asu.edu).
Jobs

We invite you to peruse our electronic site for listings of history of science-related job opportunities, fellowships and grants, and prizes available at http://dept.washington.edu/hsexecl. The following announcements have been edited for space. For full descriptions and the latest announcements, please visit our Web site. 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, please send an electronic version of the posting to hsexecl@u.washington.edu.

Illinois Institute of Technology The Lewis Department of Humanities seeks a teacher-scholar in any humanistic discipline whose interests focus on the role of women in social, economic, or cultural change in Africa, Asia, or Latin America. We are especially interested in candidates whose research and teaching in the above areas complement the department's current strengths in the humanistic study of science, technology, architecture, and the city. To apply, send a 1-2 page statement, c.v., and three reference letters to: Thomas J. Misa, Chair; Search Committee; Lewis Department of Humanities; Illinois Institute of Technology; Chicago IL 60616. Deadline: December 1, 1999. Position starts August 2000. EO/AAE. For more information: Phone: (312) 567-3465; misa@iit.edu; http://www.iit.edu/departments/humanities.

Iowa State University Department of History invites applications for a tenure-track position as a French historian, 1789-present. The candidate must take an intellectual/cultural history approach, which includes but is not limited to the history of science. Teaching responsibilities of two courses per semester, including undergraduate courses in the special areas, the introductory sequence in the history of western civilization, and graduate seminars and preseminars. Required Qualifications: Ph.D. by time of appointment and evidence of successful teaching. Send letter of application, a recent publication (if any), c. v., and three letters of recommendation to Dr. Alan I. Marcus, 603 Ross Hall, Iowa State University, Ames, IA 50011-1202. Deadline: December 15, 1999.

North Carolina State University The Women's and Gender Studies Program at North Carolina State University invites applications for a tenure-track assistant professor position to contribute to its new initiative on women and gender in science and engineering. Ideal candidates should have a Ph.D. in a social-science field or a social-science related multidisciplinary area with a background in feminist scholarship, a research record in women's studies, and experience in or commitment to pursuing external grants. Review of applications begins on November 15, 1999 and will continue until the position is filled. Send letter of application, statement of research and teaching interest, c.v., and list of three references to Laura Severin, Box 7107, N.C. State University, Raleigh, NC 27695-8105.

History of Science Society Newsletter October 1999

Saint Joseph's University in Philadelphia invites applications for an entry-level, full-time tenure track assistant professorship in 19th and 20th century American intellectual history. Although the position is broadly defined, preferred subfields include cultural history, science and technology, or historiography. Ph.D. required, and some teaching experience desirable. The position will begin in August 2000. Applicants should submit a one page personal statement describing their teaching and research interests, curriculum vitae, a writing sample, and three letters of reference to the American Intellectual History Search Committee, Department of History, Saint Joseph's University, 5600 City Avenue, Philadelphia, Pennsylvania 19131. The deadline for completed applications is December 1, 1999. Prearranged interviews will be held at the AHA. SJU is a Catholic liberal arts university in the Jesuit tradition of teaching and research and an AA/EOE employer.

West Chester University seeks applicants for a tenure-track assistant professorship beginning January or August 2000. U.S. economic, technology, or labor history with emphasis on the nineteenth century. To teach departmental survey courses, as well as upper-level and graduate courses in one's area(s) of specialization, and to supervise student teachers as needed. Applicant must demonstrate teaching and scholarly potential. Minimum qualifications include effective communication and teaching as demonstrated by a classroom presentation/lesson given during the on-campus visit. Secondary school experience required. Earned doctorate in appropriate field by September 1, 2000. West Chester University is a comprehensive state university located in the western suburbs of Philadelphia. For more information about the university, see http://www.wcupa.edu. Send letter of application, c.v., graduate transcripts, and three letters of recommendation to Dr. Charles A. Hardy, Chair, Department of History, West Chester University, West Chester, PA 19383, postmarked by November 1, 1999. West Chester University is an AA/EOE and strongly encourages applications from women and minorities.

University of California, San Diego invites nominations and applications for an assistant or an early career associate professorship (tenure track/tenured) in modern European history, 1870 to the present, effective 1 July 2000. Candidates in all relevant research fields are welcome to apply, but there is particular interest in those who work on such thematic areas as: nationalism/regionalism/ethnicity; colonialism/transnationalism/migration; and society/technology/culture. Send detailed letter of application, c.v., placement file, and/or names and addresses of at least three references to Chair, European History Search Committee, History Dept. 0104-WN, University of California-San Diego, 9500 Gilman Dr., La Jolla, CA 92093-0104. Please reference position number 3-605 on all correspondence. Review of applications will begin 1 November 1999 and will continue until the position is filled. UCSD is an AA/EOE.

University of California, San Diego invites nominations and applications for an assistant or an early career associate professorship (tenure track/tenured) in the history of the American West or American borderlands, 1789-1914, effective 1 July 2000. Within this broad
field, there is special interest in candidates whose research focuses on
one or more of the following: labor, ethnicity, race, gender, social
relations, immigration/migration, and the environment. Send detailed
letter of application, c.v., placement file, and/or names and addresses
of at least three references to Chair, United States History Search
Committee, History Dept. 0104-WN, University of California-San
Diego, 9500 Gilman Dr., La Jolla, CA 92093-0104. Please reference
position number 3-606 on all correspondence. Review of applications
will begin 1 November 1999 and will continue until the position is
filled. UCSD is an AA/EOE.

University of California, San Francisco (UCSF) School of Medicine
seeks a Historian of Medicine and/or Biomedical Sciences. Area of
specialization and period are open. Junior candidates (Assistant
Professors and ABDs) will only be considered if a tenured, Associate
or Full Professor is not hired. For full consideration applications must
be received by January 7, 2000. The search will remain open, however,
until a suitable candidate is found. Senior candidates (Associate or Full
Professors) should send letter of intent, c.v. and selected publications
as well as names of 3-5 confidential references. Junior candidates
should send a letter of intent and dossier to: Philippe Bourgois, Chair,
c/o Susan Reneau, Department of Anthropology, History and Social
Medicine, Suite 485, Box 0850, UCSF, 3333 California St., San
Francisco, CA 94143-0850 (Express Mail 94118). UCSF is an
affirmative action/equal opportunity employer. The University
undertakes affirmative action to assure equal employment opportunity
for under-represented minorities and women, for persons with
disabilities and for Vietnam-era veterans and special disabled veterans.
http://www.ucsf.edu/~history/Home.html.

University of Georgia invites applications for an entry-level tenure-
track assistant professorship in History of Physical Sciences, beginning
in August 2000. Candidates should demonstrate excellence in teaching
and research. Appointees must hold Ph.D. by August 2000. The
University welcomes the candidacies of women and minorities. Send
letter of application, c.v., and three letters of recommendation to Prof.
Edward J. Larson, Search Committee Chair, Department of History,
University of Georgia, Athens, GA 30602. Applications received by
November 1, 1999, are assured of full consideration. AA/EOE.

University of Minnesota Program in History of Science and
Technology, Twin Cities campus, invites applications for two
temporary Assistant or Associate Professor positions (depending
upon funding) beginning September 2000. If sufficient funds are
available, one of the positions will be for two years. The duties
include carrying out an active research program, and teaching some
of the following courses: the history of biology, American science,
and a survey of the history of modern science. All requirements for
the Ph.D. must be completed by August 1, 2000. Applications must
be received by January 15, 2000. Applicants should submit a vitae,
publications or samples of writing, and arrange for at least three
letters of recommendation to be sent to: Chair, Search Committee,
Program in History of Science and Technology, 148 Physics Building,
Broman at the same address. Inquiries may be addressed to Lindberg at dclindbe@facstaff.wisc.edu; or to Broman at thbroman@facstaff.wisc.edu. Review of applications will begin 4 October, to identify candidates to be interviewed at the History of Science meeting in Pittsburgh, 4-7 November. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. UW-Madison is an AA/EOE.

Fellowships

The Bakken Library and Museum in Minneapolis offers visiting research fellowships for the purpose of facilitating scholarly research in its collection of books, journals, manuscripts, prints, and instruments. The focus of the Bakken's collection is on the history of electricity and magnetism and their applications in the life sciences and medicine. 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 next application deadline is March 1, 2000. For further information, please contact: David J. Rhees, Executive Director, The Bakken Library and Museum, 3537 Zenith Avenue South, Minneapolis, MN 55416, tel: 612-926-3878, ext. 213; fax: 612-927-7265; e-mail: rhees@thebakken.org; www.thebakken.org.

Centre for the History of Science, Technology and Medicine at the University of Manchester offers a three-year Ph.D. studentship available from January 2000 for a project on the rise of experimental biology in 20th century Britain. The student will work with Dr. Jonathan Harwood. The project will focus upon either (a) the impact of Empire upon the growth of new biological specialties or (b) the reforming efforts of the Society for Experimental Biology. Applicants should have a first degree (good upper-second class or better), some university-level knowledge of the biological sciences, and training in the history of science, technology or medicine. Applicants should send a curriculum vitae, covering letter and the names of two referees to: Dr. Jonathan Harwood, CHSTM, Maths Tower, University of Manchester, Manchester M13 9PL, UK. Inquiries to: jonathan.harwood@man.ac.uk.

For the academic year 2000-01 CHSTM also expects to have several one-year M.Sc. studentships for work in history of medicine, as well as a Ph.D. studentship for work in any area of the history of sci/tech/med. For general information see our Web site: www.man.ac.uk/Science_Engineering/CHSTM.

The Dibner Institute for the History of Science and Technology invites applications to its two fellowship programs for the academic year 2000-2001: the Senior Fellows program and the Postdoctoral Fellows program. Candidates for Senior Fellowships should have advanced degrees in disciplines relevant to their research and show evidence of substantial scholarly accomplishment and professional experience. Scholars may apply to the Senior Fellows program for the Fall (Term 1), the Spring (Term 2) or both. Postdoctoral Fellows Program awards fellowships to outstanding scholars of diverse countries of origin who have received the Ph.D. or equivalent within the previous five years. Postdoctoral Fellowships run for one year, from September 1 through August 31, and may be extended for a second and final year at the discretion of the Dibner Institute. The deadline for receipt of applications for 2000-2001 is December 31, 1999. Fellowship recipients will be announced in March, 2000. Please send requests for further information to: Trudy Kontoff, Program Coordinator, Dibner Institute for the History of Science and Technology, MIT E56-100, 38 Memorial Drive, Cambridge, Massachusetts 02139. Tel: (617) 253-6989; Fax: (617) 253-9858; E-mail: dibner@mit.edu.

History of Science Society Newsletter October 1999

Fall (Term 1), the Spring (Term 2) or both. Postdoctoral Fellows Program awards fellowships to outstanding scholars of diverse countries of origin who have received the Ph.D. or equivalent within the previous five years. Postdoctoral Fellowships run for one year, from September 1 through August 31, and may be extended for a second and final year at the discretion of the Dibner Institute. The deadline for receipt of applications for 2000-2001 is December 31, 1999. Fellowship recipients will be announced in March, 2000. Please send requests for further information to: Trudy Kontoff, Program Coordinator, Dibner Institute for the History of Science and Technology, MIT E56-100, 38 Memorial Drive, Cambridge, Massachusetts 02139. Tel: (617) 253-6989; Fax: (617) 253-9858; E-mail: dibner@mit.edu.

Institute for Advanced Study Announcement of Memberships in the School of Historical Studies, for the academic year 2000-2001. The School of Historical Studies supports scholarship in all fields of historical research, including the history of science, one of the School's principal areas of interest. Fields of primary interest also include the history of western and near eastern civilization, with particular emphasis upon Greek and Roman civilization, the history of Europe, Islamic culture, the history of modern international relations, and the history of art. In addition to these fields, in the academic year 2000-2001 the Andrew W. Mellon Foundation will support three Members in the comparative history and culture of traditional China, Japan, Korea, and Vietnam. Qualified candidates of any nationality are invited to apply for memberships. Apart from residence in Princeton during term time, the only obligation of Members is to pursue their own research. If they wish, however, Members may participate in seminars and meetings both within the Institute and at nearby universities, and there are ample opportunities for contacts with other scholars. Approximately forty Members are appointed for either one or two terms each year. The Ph.D. (or equivalent) and substantial publications are required of all candidates at the time of application. Application may be made for one or two terms (September to December, January to April). Further information and application materials may be obtained from the Administrative Officer, School of Historical Studies, Institute for Advanced Study, Princeton, New Jersey 08540 (electronic mail address: mzelazny@ias.edu). Completed applications must be returned to the Administrative Officer by 15 November 1999.

Also being offered are two Mellon Fellowships to 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 above.
Chemical Heritage Foundation Invites Applications for 2000-2001 Fellowships

Deadlines are December 1, 1999 for academic year fellowships, and February 15, 2000 for summer fellowships. Applications must address the relevance of resources at CHF to the applicant's research plans and include a complete c.v., and two letters of reference must be sent directly to the Foundation. For more information, please see our website at www.chemheritage.org or email islater@chemheritage.org.

Gordon Cain Fellowship
The Cain Fellowship is open to a scholar with a Ph.D. who will carry out historical research on the development of the chemical industries. The outcome of this research should further understanding of the relationship between technology, policy, management, and entrepreneurship, and shed light on the complex development of modern society and commerce. Applications for this academic year fellowship should include a proposal of no more than 1,000 words outlining the applicant's research project, with specific reference to how the work advances scholarship and how the outcome might be published.

Edelstein International Fellowship
The Edelstein Fellowship is open to established scholars, and time will be divided between CHF and the Edelstein Center for History and Philosophy of Science, Technology, and Medicine in Jerusalem. Letters of application for this academic year fellowship should demonstrate how the CHF collection, other Philadelphia resources, and the Edelstein Collection are relevant to the applicant's research. Each application should include a budget for the project.

Edelstein International Studentship
The Edelstein Studentship is an academic year fellowship open to a student in the history of the chemical sciences and technology who has completed all requirements for the Ph.D. except the dissertation. Time will be divided between CHF and the Edelstein Center in Jerusalem. The studentship supports dissertation research and writing, and applicants should demonstrate how the CHF collection, other Philadelphia resources, and the Edelstein Collection are relevant to the applicant's research.

Eugene Garfield Postdoctoral Fellowship
The Garfield Fellowship is open to candidates with a Ph.D. in the chemical sciences, information science, or the history of science, technology or medicine. The Garfield Fellow should plan to research the history of information science as it relates to the chemical sciences or chemical process industries. Applicants for this academic year fellowship should include a brief research proposal demonstrating the relevance of the CHF collection and other area resources.

Charles C. Price Fellowship
The Price Fellowship is open to scholars with a Ph.D. The Price Postdoctoral Fellow will spend nine months in residence at CHF, making use of CHF's Othmer Library of Chemical History. Preference will be given to candidates whose projects deal with polymer history; however, applications in other fields, such as history of chemistry, petrochemicals, pharmaceuticals and biotechnology, are also encouraged.

Glenn E. and Barbara Hodsdon Ullyot Scholarship
The goal of the Ullyot Scholarship is to advance public understanding of the importance of the chemical sciences to the public welfare. The scholar will spend a minimum of two months in residence at CHF during the summer of 2000, conducting research on the heritage of the chemical sciences. Applications should include a one-page description of the proposed research and an outline of a specific product as an outcome of the scholarship.

Société de Chimie Industrielle (American Section) Fellowship
The American Section of the Société de Chimie Industrielle, in conjunction with CHF, invites applications for the Société de Chimie Industrielle (American Section) Fellowship. The purpose of the fellowship is to stimulate public understanding of the chemical industries, using both terms in their widest sense. Applications are encouraged from writers, journalists, educators, and historians of science, technology, and business. The fellow will spend a minimum of two months in residence at CHF during the summer of 2000, conducting research on some aspect of the heritage of the chemical sciences or chemical process industries. Applicants should submit a one-page research proposal outlining a specific project to be completed while in residence at CHF, and showing how the project will further public understanding of the chemical industries.

Research Travel Grants
CHF offers small research travel grants to enable interested individuals to make use of the resources of the Beckman Center for the History of Chemistry, the Othmer Library, and its associated facilities. Applications should include a one page statement on the proposed research and a budget. These grants are generously supported by the American Association of Textile Colorists and Chemists. For deadlines, please see www.chemheritage.org or contact mebowden@chemheritage.org.

All applications should be sent to:
Leo Slater, Chemical Heritage Foundation, 315 Chestnut Street, Philadelphia, PA 19106-2702 Fax: 215 925 1954
Andrew W. Mellon Fellowships in Humanistic Studies Further information and Applications are available at http://www.woodrow.org/mellon/ or by contacting the Mellon staff at mellon@woodrow.org; (800) 899-9963. Deadline for application requests is 7 December 1999.

The Newberry Library Fellowships in the Humanities, 2000-01. The Newberry Library announces 2000-01 Fellowships in the Humanities. Long-term fellowships of six to eleven months and short-term fellowships of one week to two months are available to support residential research in the Newberry Library's collections. Fellowships are available to postdoctoral scholars and to Ph.D. candidates at the dissertation phase. The Newberry’s holdings number more than 1.5 million volumes and 5 million manuscript pages. The collections focus on Western Europe and the Americas from the late Middle Ages to the early twentieth century. More information and application forms are available on the World Wide Web at http://www.newberry.org. Follow the links for Programs for Teachers and Scholars and Fellowships. Information is also available by e-mailing research@newberry.org, calling 312-255-3666, or writing to Committee on Awards, The Newberry Library, 60 West Walton Street, Chicago, IL 60610. Specific reference questions can be answered by using our on-line catalog at: http://www.newberry.org. e-mail: reference@newberry.org, (312) 255-3506.

Northwestern University Postdoctoral fellowships in history and philosophy of science, definitive, one year only, beginning fall 2000. Indicate interest in either history of science or philosophy of science. $27,500 plus benefits. EO/AAE. Send complete dossier, including statement of proposed research, to: David L. Hull. Department of Philosophy, Northwestern University, Evanston, IL 60208. Deadline for application is December 15, 1999.

Rockefeller Humanities Fellowships Program for the Study of Sexuality, Gender, Health and Human Rights at Columbia University. The Program invites applications from scholars, advocates, and activists conducting innovative interdisciplinary work on the intersecting themes of sexuality, gender, health and human rights in U.S. and international contexts. Our focus is on examining and expanding traditional definitions and boundaries, while acknowledging conditions of inequality, marginality, and post-coloniality. Fellows will receive a stipend, access to libraries, computer facilities, office space and equipment, as well as health insurance. Applicants should have the Ph.D. or an equivalent level of professional achievement, experience, and publication at time of application. Application deadline: January 15, 2000. For further information and application, contact: Program for the Study of Sexuality, Gender, Health and Human Rights, Division of Sociomedical Sciences, Joseph L. Mailman School of Public Health of Columbia University, 600 West 168 Street - 7th floor, New York, N.Y. 10032, Tel: (212) 305-6566; Fax: (212) 305-0315; E-mail: rock-sms-sph@columbia.edu; http://cpmcnet.columbia.edu/dept/gender/.

History of Science Society Newsletter October 1999

Smithsonian Institution Libraries Resident Scholar program is accepting applications for 2000. The SIL Resident Scholar Programs offer short-term study grants with stipends of $1,800/month for durations of one to three months. Three awards are in the SIL Dibner Library Resident Scholar Program sponsored by The Dibner Fund for research in the Dibner Library of the History of Science and Technology. A fourth is in the SIL Resident Scholar Program for research in the Department of Special Collections. Historians, librarians, doctoral students and other scholars are invited to apply. Scholars are expected to be in residence at the Smithsonian Institution. The Dibner Library collections, with books and manuscripts from the 15th to the 20th centuries, specialize in the physical and applied sciences and technologies. Strengths include electronics, civil and mechanical engineering, chemical industries, textiles and ceramics, military history, instrumentation, and also microscopy, pharmacy, and modern physics. In addition to those collections in the Dibner Library, the SIL Special Collections Department has extensive materials on World’s Fairs and Expositions, 1851–1950, and air and space (ballooning, rocketry, and aviation). The Libraries’ collection of 285,000 manufacturers’ commercial trade catalogs, which document progress in American agriculture, industry, and manufacture, contain much primary source material for the history of technology, economic, labor and women’s history, and consumer and social history. Deadline for applications: December 1, 1999. Application materials are available at http://www.sil.si.edu/Information-Files/fellows-interns.htm, or write to Smithsonian Institution Libraries Resident Scholar Programs, Smithsonian Institution Libraries, NHB 24mz, MRC154, Washington, D.C. 20560-0154. Tel: (202) 357-2240, or send e-mail to libmail@sil.si.edu.

Prizes

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; you can consult the online catalog at our Web site, http://www.aip.org/history, and please feel free to make inquiries about the Library’s holdings. 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 History of Physics, American Institute of
The Estes Award Established in honor of Dr. J. Worth Estes, and in testimony to his many years of invaluable contributions to the history of medicine, this award will be made annually for the best published paper in the history of pharmacology during the previous year, whether appearing in a journal or a book collection of papers. The nomination should consist of a letter citing the work nominated, along with a copy of the paper. Nominations should be directed to the Chair of the Committee: Dr. John L. Parascandola, Public Health Service Historian, 18-23 Parklawn Building, 5600 Fishers Lane, Rockville, MD 20857. For this first award, candidate papers will be those published in 1998 and 1999. Nominations must be received by the Committee Chair by January 15, 2000. As a result of a generous contribution in honor of Worth Estes from one of the members of the Association, the award will be accompanied by a check for $500.

The Millennium Award The American Philosophical Society announces its first annual Millennium Award to be awarded November, 2000 for the best monograph accepted by the Society for publication in its Transactions series. The award amount is $5,000. Authors must have a doctorate. Subjects include all areas of history (history of science and medicine included), archaeology, anthropology, linguistics, ethnology, classics, paleontology. Deadline is December 1, 1999.

Manuscripts should be no more than 250 pages, double-spaced and printed on one side and should be accompanied by a curriculum vitae and abstract. All manuscripts are subject to review by the Committee on Publications, Alexander G. Bearn, Chairman. Inquiries should be sent by e-mail to: Carole LeFaire-Rochester, Editor, CaroleAPS@aol.com. Send manuscripts to: Carole LeFaire-Rochester, Editor, American Philosophical Society, 104 South Fifth Street, Philadelphia, PA 19106.

Pollack Award Dudley Observatory announces its annual Pollack Award for the year 2000, for $5000 in support of an innovative project in the history of astronomy and astrophysics. Fliers giving details for the Award will be available by the end of September, and will be sent to all those who that request them. The deadline for submission of proposals is December 10. For further information, or to be placed on our mailing list, contact Ralph A. Alpher, Administrator, Dudley Observatory, at alpherr@union.edu.

The Jerry Stannard Memorial Award The Department of History, at the University of Kansas, announces the 2000 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 2000 the award will be $600. 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 curriculum vitae of the author; and (c) a letter of recommendation from an established scholar in the 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 February 2000. The award will be announced on or about 15 May 2000. 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.

The Marc-Auguste Pictet Prize will reward an outstanding work, unpublished or recently published in the field of the history of science. The prize is issued by the "Societe de Physique et d'Histoire Naturelle de Geneve" (SPHN) and, in principle is intended for a young researcher. The value of the Prize depends on the income of the Fund and may be shared: in 1998 it amounted to Sfr. 14,000. Application is open to both Swiss and foreign candidates at the university level. Notification of candidature should be sent by 31 December 1999 to the following address: President de la SPHN, Museum d'Histoire naturelle, Case postale 6434, CH-1211 GENEVE 6, Switzerland. Two full copies of the work, accompanied by a summary and a curriculum vitae should be submitted before the deadline. One copy of the prize-winning work will remain the property of the SPHN. The texts may be written in French, German, Italian or English. In the last three instances, the summary should be translated into French and be approximately 12 pages in length, i.e. 4,000 words or about 20,000 characters. Theme for the 2000 Prize: "History of electricity and electromagnetism in the XVIIIth and XIXth centuries."

The Society for the History of Alchemy and Chemistry invites entries for the Partington Prize, awarded to an original and unpublished essay on any aspect of the history of alchemy or chemistry. The competition is open to anyone who has not reached 35 years of age by the closing date, 31 December 1999. For further details, please contact John Hudson, Hon. Secretary, Society for the History of Alchemy and Chemistry, J.A.Hudson@anglia.ac.uk.

Society for the Social History of Medicine Prize Essay Competition 1999. The Society for the Social History of Medicine (SSHM) invites submissions for its 1999 prize essay competition. 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 recently qualified postdoctoral scholars. The deadline for
Future Meetings

We invite you to peruse our Web site for listings of history-of-science-related meeting announcements and calls for papers. The following announcements have been edited for space. For a full description consult the HSS Web site at http://depts.washington.edu/hssexec. Electronic listings of meetings are updated every Friday morning. For those who wish to publish a future meeting announcement or call for papers please send an electronic version of the posting to us via e-mail at hssexec@u.washington.edu. The Society does not assume responsibility for the accuracy of any items, and interested persons should verify all details, especially deadlines, with the appropriate contact person.

Sixteenth Century Studies Association Annual Meeting, 28-30 October 1999, St. Louis. For more information contact Gerhild Scholz Williams, Coordinator, Department of German, Box 1104, Washington University, St. Louis, MO 63130, gerhild williams@aismail.wustl.edu.

AMS/Hannah Conference: Canadian Medical History at the Millennium: Past Accomplishments, Future Directions In honor of Charles G. Roland, Hannah Professor of the History of Medicine, McMaster University, November 5-6, 1999, York University, Toronto, Ontario. For more information contact: Dr. J. Duffin, History of Medicine, Queen’s University, Kingston, Ontario K7L 3N6, Fax: 613-533-6330, E-mail: yalinc@post.queensu.ca Web site: http://www.yorku.ca/research/ychs/hannahconference/.

Giovanni Canestrini, Zoologist and Darwinist, 14-17 February 2000, Padova, Venezia, Trento (Italy). For detailed information, visit http://fog.bio.unipd.it/canestrini, or contact any of the following addresses: segret2@bio.unipd.it, sandra@bio.unipd.it, or almin@bio.unipd.it.

History of Geophysics and Space Physics, March 2000, Munich, Germany. For further information contact: Dr. Wilfried Schröder, Hechelstrasse 8, D-28777 Bremen-Roennebeck, Germany.

The Age of Economic Measurement, March or April 2000, Duke University. Please send paper proposals (1 page only) to both Mary S. Morgan (at Department of Economic History, London School of Economics, Houghton St., London WC2A 2AE, UK, or to m.morgan@lse.ac.uk or to Fax: 44-171-955-7730) and Judy L. Klein (at Department of Economics, Mary Baldwin College, Staunton, VA 24401, USA, or to jklein@mbc.edu or to Fax: 1-540-887-7137).

History of Science Society Newsletter October 1999

Into the Next Millennium: The Past and Promise of Environmental History, 16-19 March 2000, Tacoma, Washington. For more information: Mart Stewart (program chair), Western Washington University, smar4@cc.wwu.edu; (360) 650-3455; Kate Christen, Smithsonian Institution, christen@osia.si.edu, (202) 357-1421; Gail Evans, histmaps@open.org, (503) 873-5854; Mark Harvey, North Dakota State, harvey@plains.NoDak.edu, (701) 231-8828; Nancy Langston, University of Wisconsin, nelangst@fasstaff.wisc.edu, (608) 265-9008; Lisa Mighetto (executive/local arrangements chair) Historical Research Associates, Inc., mighetto@montana.com, (206) 343-0226.

5th Centenary Gomez Pereira (1500-2000), 7-9 April 2000, Madrid, Spain. For more information or to submit a proposal (deadline 30 November 1999), contact International Committee 5th Centenary Gomez Pereira, 4101 NW 60th Circle, Boca Raton, FL 33496, USA. FAX (561) 443-3706. E-mail: jirngom@pol.net or claubal@aol.com.

Third European Social Science History Conference, 12-15 April 2000, Amsterdam. Further information about the European Social Science History Conference can be obtained from the Conference Internet site at http://www.iisg.nl/ESSHC or from the conference secretariat: European Social Science History Conference 2000, c/o International Institute of Social History, Cruquiusweg 31, 1019 AT Amsterdam, Netherlands; Telephone: +31.20.6685866; Fax: +31.20.6654181. E-mail: ESSHC@iisg.NL.

Representing Animals at the End of the Century a conference at the Center for Twentieth Century Studies, 13-15 April 2000, University of Wisconsin-Milwaukee. For more information or to submit a proposal (deadline 22 October 1999), contact Nigel Rothfels and Drew Isenberg, Conference Organizers, Center for Twentieth Century Studies, University of Wisconsin-Milwaukee, P.O. Box 413, Milwaukee, WI 53201 USA, tel: 414-229-4141; fax: 414-229-5964; email: ctr20cs@uwn.edu.

Midwest Junto for the History of Science, 14-16 April 2000, Kansas City, MO. For information please contact Elseio Fernandez, Reference Librarian, Linda Hall Library, 5109 Cherry St., Kansas City, MO 64110. Phone: (816) 363-5020. Fax: (816) 926-8785. E-mail: fernande@lhllib.mo.us.

American Association for the History of Medicine, Bethesda, MD, 17-21 May 2000. For more information, contact: Harry M. Marks, Dept. of the History of Science, Medicine & Technology, The Johns Hopkins University, 1900 E. Monument Street, Baltimore, MD 21205.

Putting Humans into Ecology, June 2000, Marine Biological Laboratories. For more information, contact Carla Chisfield at the Dibner Institute for the History of Science and Technology (carlae@mit.edu), or one of the seminar co-organizers, John Beatty (jbeatty@maroon.tc.umn.edu); James Collins (jcollins@asu.edu); or Jane Mainschein (mainschein@asu.edu).
Future Meetings

Portraiture and Scientific Identity, 23-24 June 2000, National Portrait Gallery, London. For more information concerning the meeting or submitting a paper proposal (deadline 1 November 1999) contact, Professor Ludmilla Jordanova, School of World Art Studies and Museology, University of East Anglia, Norwich, Norfolk, NR4 7TJ. E-mail: ljordanova@uea.ac.uk.

ICES History Symposium: 100 Years of Science under ICES, 1-3 August 2000, Helsinki, Finland. For more information contact the Symposium Convenor: Dr. Emory D. Anderson, NOAA/NMFS, Northeast Fisheries Science Center, Woods Hole, MA 02543, USA, Tel: +1 508 495 2317; Fax: +1 508 495 2393. E-mail: emory.anderson@noaa.gov.

SSHM Annual Conference: Medicine - Magic - Religion, 17-18 July 2000, Southampton. If you would like to present a paper at the conference, please send an abstract (pasted into an e-mail) to WER@soton.ac.uk by 31 January 2000. Contact for registration details: Dr. Waltraud Ernst, Department of History, University of Southampton, Southampton SO17 1BJ. E-mail: WER@soton.ac.uk. Bookings should arrive no later than 1 April 2000.

Fourth British-North American Joint Meeting of the BSHS, CSHPS, and HSS: What is to be done? History of Science in the New Millennium, 3-6 August 2000, St. Louis, Missouri, USA. For more information or to submit a proposal, visit the Conference Web site at http://depts.washington.edu/hssexec/2000/joint2000.html.

Conference on the History of Geologic Pioneers, 3-5 August 2000, Troy, NY. For more information contact, Dr. Gerald M. Friedman, Rensselaer Center of Applied Geology, (c/o Brooklyn College of the City University of New York, Brooklyn, New York) 15 Third Street, P.O. Box 746, Troy, NY 12181-0746, gmfriedman@juno.com, Fax: 518-273-3249.

International Congress of Historical Sciences, 6-13 August 2000, Oslo, Norway. Please send information requests to: The 19th International Congress of Historical Sciences, Department of History, P.O. Box 1008, Blindern, N-0315 Oslo, Norway.

Transformation and Continuity in the History of Universities, International Commission for the History of Universities, 9-11 August 2000, Oslo Congress. All inquiries and suggestions should be made in the first instance to Prof. Sivert Langholm or Research Fellow Fredrik W. Thue, Forum for Universitetshistorie Department of History, University of Oslo Pb. 1008 Blindern N-0315 Oslo Phone: +47 22 85 68 09 (Langholm) or +47 22 85 42 06 (Thue) Fax: +47 22 85 57 51 E-mail: univhist-2000@hi.uio.no Internet: http://www.hf.uio.no/oslo2000/univhist/.

Writing the Past, Claiming the Future: Women and Gender in Science, Medicine, and Technology, 12-15 October 2000, St. Louis University. Proposal Submission Deadlines are 1 January 2000. For further information or to placed on the mailing list, please contact Charlotte G. Borst, Chair, Local Arrangements Committee, Department of History, Saint Louis University, 3800 Lindell Blvd., St. Louis, MO 63156.

International Conference — H2O: Origins and History of Hydrology, May 2001, Dijon, France. For further information visit the conference Web site at www.cilea.it/history/DHS/Oh2.htm or contact Dr. J.P. Carbonnel at Universit P. et M. Curie, Laboratoire de Géologie Applique, Case 123, 4 Place Jussieu, F-75252 Paris, cedex 05, France; e-mail oh2@biogeodis.jussieu.fr.

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.

Isis Books Received, Quarterly Report to 17 August 1999

Adams, Fred, Laughlin, Greg. The Five Ages of the Universe: Inside the Physics of Eternity. xxxiv + 251 pp., illus., figs., bibl., index. New York, N.Y.: The Free Press, 1999. $25.


Ariew, Roger. Descartes and the Last Scholastics. xii + 230 pp., illus., app., bibl., index. Ithaca, N.Y.: Cornell University Press, 1999. $42.50.

A Note on Isis Books Received

Society members will have noticed that the "Isis books received" list has been posted on the HSS Web site over the past year. This Web list, which is archived, offers members search abilities not available in the Newsletter. HSS will be redesigning the Newsletter in the near future and because the "Isis books received" section is expensive to produce, we are considering eliminating this list from the Newsletter and carrying it only on the HSS Web site. However, the Newsletter is produced for the membership and the Isis list will not be removed if a significant number of members object to this change. Please let us know through postcards, e-mails, faxes, or telephone if you would like to see the list preserved in the Newsletter. Phone numbers and addresses appear on page 2.
Fischer, Klaus-Dietrich; Nickel, Diethard; Potter, Paul (Editors). Text and Tradition: Studies in Ancient and Modern Textual Studies. (Studies in Ancient Medicine, 18.) xii + 342 pp., illus., figs., tables, bibls., indexes. Leiden/Boston: Brill, 1998. NlG 180, 891.


Fouque, Ferdinand A. Santarorini and its Eruptions: (Foundations of Natural History.) Translated by Alexander R. McInerney. xiv + 495 pp., illus., figs., tables, bibl., index. Originally published 1879. Baltimore/London: Johns Hopkins University Press, 1998.


French, Roger. Dissection and Visitation in the European Renaissance. viii + 289 pp., frontis., illus., bibl., index. Brookfield, Vt.: Ashgate, 1999. 86.95.


Frunton, Joseph. Proteins, Enzymes, Genes: The Interplay of Chemistry and Biology. xii + 783 pp., illus., bibl., index. New Haven, Conn./London: Yale Univ. Press, 1999. $45.


Galisson, Peter; Thompson, Emily (Editors). The Architecture of Science. xvi + 573 pp., illus., bibl., index. Cambridge, Mass./London: MIT Press, 1999. $65.


Garbutt, Nick. Mammals of Madagascar. 320 pp., frontis., illus., apps., bibl., index. New Haven, Conn./London: Yale Univ. Press, 1999. $37.50.


Ghose, Partha. Testing Quantum Mechanics on New Ground. xiv + 208 pp., illus., bibl., index. Cambridge/New York: Cambridge Univ. Press, 1999. $64.95.

Giere, Ronald N. Science Without Laws. x + 285 pp., illus., figs., tables, bibl., index. Cambridge/London: Cambridge Univ. Press, 1999. $25, £17.50.

Gok, Penelope. Music, Science, and Natural Magic in Seventeenth-Century England. xii + 308 pp., illus., tables, bibl., index. New Haven, Conn.: Yale Univ. Press, 1999. $35.

Greenberg, Daniel S. The Politics of Pure Science. Introduced by John Maddox and Steven Shapin. xxviii + 311 pp., app., index. Originally published in 1967. Chicago/London: The Univ. of Chicago Press, 1999. $49, £34.50 (cloth); $15, £10.50 (paper).


Guttmann, Giselher; Scholz-Strasser, Inge. (Editors.) Freud and the Neurosciences: From Brain Research to the Unconscious. 116 pp., figs., apps., bibl., index. Vienna: Verlag der Österreichischen Akademie der Wissenschaften, 1998. $24.95 (paper).


Hecht, Jeff. City of Light: The Story of Fiber Optics. (The Sloan Technology Series.) xii + 316 pp., illus., apps., index. New York: Oxford Univ. Press, 1999. $29.95.

Hellbrun, J. L. Electricity in the 17th and 18th Centuries: A Study in Early Modern Physics. (Dover Books on Physics.) x + 606 pp., illus., tables, bibl., index. Originally published in 1979. Mineola, N.Y.: Dover Publications, 1999. $22.95 (paper).


Houshmand, Zara; Livingston, Robert B.; Wallace, B. Alan (Editors). Consciousness at the Crossroads: Conversations with the Dalai Lama on Brain Science and Buddhism. Translated by Geshe Thubten Jinpa and B. Alan Wallace. 183 pp., apps. Ithaca, N.Y.: Snow Lion Publications, 1999. $15.95, £10.95 (paper).

Hunter, Lynette. Critiques of Knowing: Situated Textualities in Science, Computing and the Arts. vii + 246 pp., bibl., index. London/New York: Routledge, 1999. $90, Can$135 (cloth); $75, Can$113 (paper).


Jackson, Stanley W. *Care of the Psyche: A History of Psychological Healing*. xii + 504 pp., illus., index. New Haven, Conn./London: Yale Univ. Press, 1999. $45.


Kim, Young Sik; Bray, Fracesca (Editors). *Current Perspectives in the History of Science in East Asia*. xiv + 546 pp., illus., figs., tables, bibli., index. Seoul: Seoul National Univ. Press, 1999.


LaTour, Bruno. *Pandora's Hope: Essays on the Reality of Science Studies*. x + 324 pp., illus., figs., app., bibli., Cambridge/London: Harvard Univ. Press, 1999. $45 (cloth); $19.95 (paper).


Launius, Roger D. *Innovation and the Development of Flight*. x + 335 pp., illus., app., index. College Station: Texas A & M Univ. Press, 1999. $44.95.


Lowman, Margaret D. *Life in the Treetops: Adventures of a Woman in Field Biology*. Foreword by Robert D. Ballard. xvi + 219 pp., frontis., illus., apps., bibli., index. New Haven, Conn./London: Yale Univ. Press, 1999. $27.50.


McClellan, James E.; Dorn, Harold. *Science and Technology in World History: An Introduction*. viii + 404 pp., illus., bibli., index. Baltimore/London: Johns Hopkins Univ. Press, 1999. $55 (cloth); $18.95 (paper).


Nauta, Lodi; Vanderjagt, Arjo. (Editors.) *Between Demonstration and Imagination: Essays in the History of Science and Philosophy*. (Brill's Studies in Intellectual History, 96.) xviii + 424 pp., frontis., illus., figs., tables, apps., bibli., indexes. Leiden/Boston: Brill, 1999. $113.70; Nfl 199.


Opdycke, Sandra. *No One Was Turned Away: The Role of Public Hospitals in New York City since 1900*. x + 244 pp., frontis., illus., figs., bibl., index. New York: Oxford Univ. Press, 1999. $29.95.


Otis, Laura. *Membranes: Metaphors of Invasion in Nineteenth-Century Literature, Science, and Politics*. (Medicine and Culture.) x + 210 pp., illus., bibl., index. New Haven, Conn.: Yale Univ. Press, 1999. $45.

Pollalis, Spiro N. *What Is a Bridge? The Making of Calatrava’s Bridge in Sevilla*. xii + 187 pp., illus., tables, apps., bibl., index. Cambridge: MIT Press, 1999. $35.


Randall, W. G. L. *The Unmaking of the Medieval Christian Cosmos, 1500-1700: From Solid Heavens to Boundless Aether*. xvi + 274 pp., frontis., illus., bibl., index. Brookfield, Vt./Aldershot, Eng.: Ashgate, 1999. $86.95.


Richards, E. G. *Mapping Time: The Calendar and its History*. xii + 438 pp., illus., figs., tables, apps., bibl., index. Oxford: Oxford Univ. Press, 1998. $35.


Ruggles, Clive. *Astronomy in Prehistoric Britain and Ireland*. x + 285 pp., illus., figs., tables, apps., bibl., index. New Haven, Conn.: Yale Univ. Press, 1999. $65.


Schere, F. M. *New Perspective on Economic Growth and Technological Innovation*. x + 167 pp., illus., figs., tables, app., index. Washington, D.C.: Brookings Institution Press, 1999. $38.95 (cloth); $16.95 (paper).

Schiebinger, Londa. *Has Feminism Changed Science?* x + 252 pp., illus., apps., bibl., index. Cambridge, Mass.: Harvard Univ. Press, 1999. $27.95.


Schröder, Wilfried (Editor). *Physics and Geophysics: A Compilation with Special Historical Case Studies*. 344 pp., illus., figs., tables, app., bibl. Darmstadt: Druck und Verarbeitung, 1999.

Selden Steven. *Inheriting Shame: The Story of Eugenics and Racism in America*. Foreword by Ashley Montagu. *Advances in Contemporary Thought Series*. 23. xvi + 177 pp., illus., figs., bibl., index. New York/London: Teachers College Press, Columbia University, 1999. $59 (cloth); $23.95 (paper).

Setel, Philip W.; Lewis, Milton; Lyons, Maryinez (Editors). *Histories of Sexually Transmitted Diseases and HIV/AIDS in Sub-Saharan Africa*. (Contributions in Medical Studies, 44.) vi + 267 pp., illus., tables, bibl., index. Westport, Conn./London: Greenwood Press, 1999. $75.

Shepherdson, David J.; Mellen, Jill D.; Hutchins, Michael. (Editors). *Second Nature: Environmental Enrichment for Captive Animals*. Foreword by Terry L. MAPLE. (Zoo and Aquarium Biology and Conservation Series.) xx + 350 pp., illus., tables, bibl., index.

Washington/London: Smithsonian Institution Press, 1998. $17.95 (paper).


Summers, William C. *Felixd Herelle and the Origins of Molecular Biology*. xii + 230 pp., illus., bibl., index. New Haven, Conn.: Yale Univ. Press, 1999. $30.


Thompson, Milton O.; Peebles, Curtis. (Editors.) *Flying Without Wings: NASA Lifting Bodies and the Birth of the Space Shuttle*. x + 144 pp., illus., bibl., index. Washington/London: Smithsonian Institution Press, 1999. $27.95.

Tong, Benson. *Susan La Flesche Picotte, M.D.: Omaha Indian Leader and Reformer*. Foreword by Dennis Hastings. xx + 285 pp., illus., bibl., index. Norman: Univ. of Oklahoma Press, 1999. $29.95.


Tsukerman, Veniamin; Azarkh, Zinaida. *Soviet Scientists in the Nuclear Age: A Memoir*. Translated by
Timothy Sergey. Introduced and edited by Michael Pursglove. (Arzamas-16; Russian Memoirs, 3.) xxxiv + 181 pp., illus., apps., bibl., index. Nottingham, Eng.: Bramcote Press, 1999. £13.95 (paper).


Vargish, Thomas; Mook, Delo E. Inside Modernism: Relativity Theory, Cubism, Narrative. xii + 185 pp., illus., bibl., index. New Haven, Conn./London: Yale Univ. Press, 1999. $30.


Waitley, Douglas. William Henry Jackson: Framing the Frontier. vi + 217 pp., frontis., illus., bibl., index. Missoula, Mont.: Mountain Press, 1998. $36 (cloth); $22 (paper).

Weiss, Gail; Haber, Honi Fern. (Editors.) Perspectives on Embodiment: The Intersections of Nature and Culture. xviii + 270 pp., tables, apps., bibls., index. London: Routledge, 1999. $80, Can$120 (cloth); $22.99, Can$34.99 (paper).

West, John B. High Life: A History of High-Altitude Physiology and Medicine. xvi + 493 pp., illus., tables, apps., bibl., index. New York/Oxford: Oxford Univ. Press, 1998. $79.50.


White, Richard. Gentlemen Engineers: The Working Lives of Frank and Walter Shanly. xx + 262 pp., illus., bibl., index. Toronto/Buffalo: Univ. of Toronto Press, 1999. $50, £37.50.


Wolfsen, Richard. Einstein's Relativity and the Quantum Revolution: Modern Physics for Nonscientists. (Great Courses on Tape.) Part I: 4 audio tapes, ii + 48 pp., illus., figs., app., bibl. Part II: four audio tapes, ii + 48 pp., illus., figs., app., bibl. Springfield, Va.: The Teaching Company, 1998. $129.95 (tapes and paper).

Wooding, John; Levenstein, Charles. (Editors.) The Point of Production: Work Environment in Advanced Industrial Societies. (Democracy and Ecology Series.) x + 166 pp., bibl., index. New York/London: The Guilford Press, 1999. $16.95 (paper).


Zucchi, Marina; Bonoli, Fabrizio (Editors). Guido Horn d'Arturo e lo spettro a tasselli. 103 pp., illus., tables, bibl. Bologna: Cooperativa Libraria Universitaria Editrice Bologna, 1999. LI8,000 (paper).

Future HSS Meetings
Vancouver, BC 2–5 November 2000
Denver 8–11 November 2001
Milwaukee 7–10 November 2002

The University of Chicago Press
P.O. Box 37005
Chicago, IL 60637
Forwarding and Return Postage Guaranteed