The Newsletter of the History of Science Society is published in February, May, August, and November, with supplements as necessary containing job information. Regular issues are sent free to individual members. Supplements are sent automatically to about ninety history of science departments and individuals, and will be sent to others on request. Non-members may subscribe to the Newsletter for $5.00 per year.

Please send all news items, written as concisely as possible, to the Secretary of the Society, Dr. Roger H. Stuewer, School of Physics and Astronomy, University of Minnesota, Minneapolis, Minnesota 55455. The deadline for receipt of news for the February issue is January 20, and THIS WILL BE THE ONLY CALL FOR NEWS THAT WILL BE ISSUED.

1975 ANNUAL MEETING OF THE HSS IN ATLANTA, GEORGIA (DECEMBER 28-30)

The HSS will hold its 1975 Annual Meeting with the American Historical Association in Atlanta, Georgia, December 28-30. The Chairman of the Program Committee is Professor Michael R. McVaugh, Department of History, University of North Carolina, Chapel Hill, North Carolina 27514. The Local Arrangements Chairman is Professor Robert H. Silliman, Department of History, Emory University, Atlanta, Georgia 30322. The pre-registration form, hotel reservation form, and final program appear below. All program participants requiring audio-visual equipment, please contact Professor Silliman immediately, stating your needs.

HOUSING ARRANGEMENTS AND TRAVEL INFORMATION
FOR THE 1975 ANNUAL MEETING OF THE HSS

Participants in the 1975 annual meeting of the HSS will be staying at the Holiday Inn Downtown, 175 Piedmont Ave. N. E., Atlanta, Georgia 30303 (phone 404-659-2727). Individuals who have a pressing need for cheap accommodations and who are unable to arrange for the sharing of a double or triple room at the Holiday Inn Downtown should write to the local arrangements chairman, Professor Robert H. Silliman, Department of History, Emory University, Atlanta, Georgia 30322, as soon as possible. Reservation requests directed to the Holiday Inn Downtown should also be sent in without delay. For those participants traveling by air, limousine service is available from the Atlanta (Hartsfield) Airport at a cost of $2.50. Those coming by car should take I 85-75 and exit at Cain Street if approaching from the south, at Courtland if approaching from the north.
9:00 AM, Holiday Room 1
Work in Progress 1
Chairman: To be determined
Noah E. Fehl (Nashville, Tenn.): "Tsou Yen, the Chinese Aristotle?"
Frank Egerton (Wisconsin-Parkside): "Aristotle as a Founder of Population Biology"
Asger Aaboe (Yale): "Remarks on the Character of Ptolemy's Almagest"
K.E.O. Kupperman (Cambridge University): "English Anthropology and America, 1583-1640"
John Nicholas (Western Ontario): "Newton's Cartesian Second Law"
Joseph Chillington (Harvard): "The Education of a Scots Newtonian: Colin MacLaurin's Graduation Theses of 1713"
Terence Murphy (Chicago): "Jean-Baptiste Robinet: Vitalism and Natural History during the French Enlightenment"
Shirley Roe (Harvard): "Caspar Friedrich Wolff's Epigenetic Theory of Embryological Development"
John Ellis (Ohio): "John Ellis: 18th Century Naturalist and Crown Agent to West Florida"

1:30 PM, Holiday Room 1
The History of Mathematics
Chairman: Joseph W. Dauben (Herbert H. Lehman College, CUNY)
Wilbur Knorr (New School of Liberal Arts, Brooklyn College, CUNY): "The Impact of Modern Mathematics Upon Ancient Mathematics"
Winifred L. Wisan (New School of Liberal Arts, Brooklyn College, CUNY): "Galileo's Mathematical Method: A Reassessment"

1:30 PM, Holiday Room 2
Astronomy in the Americas
Co-chairmen: Arthur L. Norberg (California, Berkeley)
Norriss S. Hetherington (Kansas, Lawrence)
Richard A. Jarrell (York University): "The Birth of Canadian Astrophysics: J.S. Plaskett at the Dominion Observatory"

1:30 PM, Trophy Room
The Scientific Periphery
Chairman: Charles C. Gillispie (Princeton)
Arnold Thackray (Pennsylvania): "An Anniversary Postscript: The American Scientific Elite and the Uses of History"
Seymour Mouskopf (Duke): "Parapsychology and Professional Psychology, 1934-38"
Kenneth R. Manning (Massachusetts Institute of Technology): "The Concept of Rigor in the History of Mathematics"


Gregory H. Moore (Toronto): "Attempted Solutions to Cantor's Continuum Problem"

Steven Cooper (Princeton): "Tastes and Techniques Among Astronomers: J. S. Flaske at the Dominion Observatory"

Sharon L. Gibbs (National Archives and Records Service): "Mesoamerican Astronomy?"

John E. Hodge (Greensboro College): "The Development of the Argentine National Observatory: Seven Decades of Inter-American Cooperation"

6:00 PM, Holiday Room 3-4 COCKTAIL PARTY

Monday, December 29

9:00 AM, Holiday Room 1
The Social Context of Twentieth-Century Physics

Chairman: Robert H. Kargon (Johns Hopkins)

Lewis Pyenson (Université de Montréal) and Douglas Skopp (State University College, Plattsburgh, N. Y.): "Making It in Wilhelmian Physics: a Comparative Statistical Exploration"

Judith Goodstein (California Institute of Technology): "Facism and the Physicists: the Accademia del Lyncel and the Italian State"

Lawrence Badash (California, Santa Barbara): "Physicists and the Commissars: Kapitsa, Sakharov and the Soviet Union"

9:00 AM, Holiday Room 2
Work in Progress II

Chairman: Joe D. Burchfield (Northern Illinois University)


Alan J. Rocke (Wisconsin): "A Note on the Use of Atomic and Equivalent Weights in the Nineteenth Century"

Susan Sheets-Pyenson (Pennsylvania) "Popular Science in Paris and London, 1820-1875"

Paul A. Erickson (Saint Mary's University): "Phrenology and Physical Anthropology: the George Combe Connection"

Michael J. Crowe (Notre Dame): "William Whewell and the Plurality of Worlds Controversy"

Patrick S. Cross (Oklahoma): "The Scientific Community of Dublin in the Early Nineteenth Century"

John Sevier (SUNY, Old Westbury): "The Mid-Victorian Physicists: Identification of a Social Group"

Walter E. Gross (LaGuardia Community College, CUNY): "The American Philosophical Society and the Growth of Astronomy in the United States in the Mid-Nineteenth Century"

9:00 AM, Trophy Room
Roundtable Discussion: How is the History of Technology Being Used in Teaching the History of Science?

Chairman: Nathan Sivin, (Massachusetts Institute of Technology, for the Committee on Undergraduate Education)

Open discussion: those present will be encouraged to participate by sharing their own experience.
Monday, December 29, 9:00 AM (cont.)

Helena M. Pycior (Wayne State)
"William Rowan Hamilton's Work on the Complex Numbers"

12:00 PM, Holiday Room 3-4 LUNCHEON BANQUET

1:00 PM, Holiday Room 3-4 BUSINESS MEETING

1:00 PM, Stewart Room, Hyatt Regency Hotel
Analogy Versus Identity in the Historical Study of Values (Jointly with AHA)

Harold Issadore Sharlin (Iowa State): "Herbert Spencer and Scientism"
Joseph F. Wall (Grinnell College): "Social Darwinism and Constitutional Law"

Commentator: David Hollinger (SUNY, Buffalo)

2:15 PM, Holiday Room 1 Work in Progress III
Chairman: Frederic L. Holmes (Western Ontario)

Rachel Laudan (Carnegie-Mellon): "The Reception of Lyellian Geology in France and Germany"

Ralph W. Dexter (Kent State): "P. W. Putnam and the Indian on the State Seal of Massachusetts"

Ronald L. Numbers (Wisconsin): "Bryan's Geologists: George McCready Price and the Fundamentalist Controversy"

Diana Long Hall (Boston): "The Oestrous and Menstrual Cycles: Variations on a Theme"

Merrily Borell (Yale): "From Dynamogenesis to Hormonal Control: the Search for Internal Secretations"

I. Dorothea Raack (Boston): "The Upheaval of a Department: the Arrival of Herbert McLean Evans in Berkeley"

2:15 PM, Holiday Room 2 Philosophy and Natural Philosophy: The Dynamics of Scientific Change from 1650 to 1790
Chairman: Robert E. Schofield (Case Western Reserve)

Nancy Cartwright (Stanford): "Glanvill: Under-labourer for the Mechanical Philosophy"

Peter Machamer (Ohio State): "Conceptus Scientiae"

James E. McGuire (Pittsburgh): "Newton and the Bucket Experiment: Dynamics in Absolute Space"

Laurens Laudan (Pittsburgh): "The Epistemology of Subtle Fluids"

5:00 PM, Holiday Room 3 WOMEN'S CAUCUS: PLANNING SESSION OPEN TO ALL HSS MEMBERS

8:00 PM, Holiday Room 1-2 THE HISTORY OF SCIENCE AND NATIONAL SCIENCE POLICY
Wayne Gruner (National Science Foundation)
Helen Gee (National Institutes of Health)
Theodore M. Brown (City College, CUNY)
Richard S. Westfall (Indiana)
Ronald Overmann (National Science Foundation)

Tuesday, December 30

9:00 AM, Holiday Room 2 Popular Science and its Audience in Early Victorian Britain
Chairman: J. N. Hays (Loyola, Chicago): "Popular Science and Popular Technology"
T. M. Parssinen (Temple): "Mesmerism"
Commentator: Charles Rosenberg (Pennsylvania)

9:00 AM, Trophy Room Problems in the Transition to Early Modern Science
Chairman: Thomas B. Settle (Brooklyn Polytechnic)

William Wallace (Catholic University): "Galileo and the Doctores Parisienses: Favaro's Critique of the Duhem Thesis"

Maurice Finocchiaro (Nevada--Las Vegas): "On the Structure of Galileo's Dialogue"
- 5 -

Tuesday, December 30, 9:00 (cont.)

Thaddeus J. Trenn (University of Regensburg): "The Parent of Thorium"


Joan Bromberg (Maryland): "The Structure of Light: Bohr's Views ca. 1930"

Yakov Rabkin (Université de Montréal): "Studies on Chemical Composition of Petroleum and the Evolution of Organized Research in the United States"

Lillian Hoddeson (Rutgers): "The Beginning of Solid-State Physics at the Bell Telephone Laboratories 1940-1947"


Kenneth Thibodeau (National Archives): "Sources for the History of Contemporary Science"

Sigalia Dostrovsky (Columbia): "Mersenne and the Musical Origin of Acoustics"

Pierce C. Mullen (Montana State): "The Centrality of the Concept of Momentum in Descartes' Traité de Lumière"

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AHA SESSIONS OF POSSIBLE INTEREST TO MEMBERS OF THE HISTORY OF SCIENCE SOCIETY

Monday, December 29, 9:30 AM
York Room, Hyatt Regency Hotel
Science and Woman
Chairman: Everett Mendelsohn (Harvard)
Maryanne Cline Horowitz (Occidental College): "Aristotle's Biology, A Source for Medieval and Renaissance Views of Woman"
Carolyn Iltis (San Francisco): "Harvey and Bacon: Views of Nature and the Female during the Scientific Revolution"
Commentators: Marilyn Arthur (Brooklyn College, CUNY)
Joan Cadden (Harvard)

Tuesday, December 30, 9:30 AM
Tara Room, Mariotte Hotel
The Party and the Professors
Chairman: Karl A. Schleunes (North Carolina, Greensboro)
Reece C. Kelly (Fort Lewis College): "National Socialism and German University Professors—an Overview"
Alan D. Beyerchen (U.S. Army): "National Socialism and German University Professors—the Physics Community"
Commentators: Sanford L. Segal (Rochester)
William S. Allen (SUNY, Buffalo)
HSS COMMITTEE ON WOMEN IN THE HISTORY OF SCIENCE

Anyone interested in improving the status of women in our profession, and are coming to the Atlanta meeting of HSS, please plan to attend the Women's Caucus on Monday, December 29, at 5:00 P.M. in room 3 of the Holiday Inn. The Caucus is important because it provides the primary means whereby the HSS Committee on Women in the History of Science can plan activities based on the interests and needs of the members of the Society. If you will not be attending the Atlanta meeting, please send any suggestions you may have to the chairperson of the committee, Joan N. Warnow, Associate Director, Center for History of Physics, American Institute of Physics, 335 East 45 Street, New York, New York 10017.

A relevant AHA session at the Atlanta meeting, "Science and Woman," will be held at 9:30 A.M., on Monday, December 29. The program includes papers by Carolyn Iltis, "Harvey and Bacon: Views of Nature and the Female in the Scientific Revolution," and Maryanne Cline Horowitz, "Aristotle's Biology, a Source for Medieval and Renaissance Views of Woman." Everett Mendelsohn will serve as chairperson and Joan Cadden and Marilyn Arthur as commentators.

1976 ANNUAL MEETING OF THE HSS IN PHILADELPHIA (DECEMBER 28-30)

The HSS will hold its 1976 Annual Meeting together with the Society for the History of Technology (SHOT) in Philadelphia, December 28-30. The Chairman of the Program Committee is Professor Alan E. Shapiro, School of Physics and Astronomy, University of Minnesota, Minneapolis, Minnesota 55455. The Chairman of the Local Arrangements Committee is Professor Robert E. Kohler, Jr., Department of History and Sociology of Science, University of Pennsylvania, Philadelphia, Pennsylvania 19174. This meeting represents the first joint meeting of the HSS and SHOT, and program suggestions, including suggestions for joint HSS-SHOT sessions, should be sent to Professor Shapiro as soon as possible.

XVth INTERNATIONAL CONGRESS OF THE HISTORY OF SCIENCE (EDINBURGH, AUGUST 10-19, 1977)

The XVth International Congress of the History of Science will be held in Edinburgh, Scotland, August 10-19, 1977. The first circular announcing preliminary arrangements for this Congress and associated activities within the United Kingdom will be widely distributed in March 1976. To this will be added a reply slip, which must be returned if further communications are desired. Copies of this first circular, and public notices advertising the Congress, will be supplied on request by the Honorary Secretary, Dr. Eric G. Forbes, History Department, University of Edinburgh, 50 George Square, Edinburgh EH8 9JY, Scotland.

SYMPOSIUM ON PHILOSOPHICAL MEDICAL ETHICS (FARMINGTON, CONNECTICUT, DECEMBER 11-13, 1975)

The University of Connecticut School of Medicine has announced that the Third Trans-Disciplinary Symposium on Philosophy and Medicine, "Philosophical Medical Ethics: Its Nature and Significance," will convene December 11-13, 1975, at the Keller Auditorium of the University of Connecticut Health Center, Farmington. The program, composed of six sessions, will include as principal speakers: Roderick Chisholm (Brown), R. M. Hare (Oxford), Albert Jonson (University of California, San Francisco), Marvin Kohl (Fredonia, New York), Alasdair Macintyre (Boston), Sidney Morgenbesser (Columbia), Joseph Owens (Pontifical Institute, Toronto), and Bernard Towers (University of California, Los Angeles). The Symposium will be held with the support of The Society for Health and Human Values, The Franklin J. Matchette Foundation of New York, and The University of Connecticut Research Foundation. Program announcements and additional information may be obtained from Stuart Spicker, Department of Community Medicine, University of Connecticut Health Center, Farmington, Connecticut 06032 or H. Tristram Engelhardt, Jr., Institute for the Medical Humanities, University of Texas Medical Branch, Galveston 77550.
PRE-REGISTRATION FORM
1975 HSS ANNUAL MEETING, ATLANTA, GEORGIA (DECEMBER 28-30)

Name ____________________________________________________________
Affiliation _______________________________________________________
or
Mailing Address ___________________________________________________

_____ Enclosed is $5.00 registration fee (students $2.00).
_____ Also enclosed, $6.28 for luncheon on Monday, December 29.

Checks should be made out to the History of Science Society and mailed together with
this form to Isis Editorial Office, Smithsonian Institution, Washington, D.C. 20560.

HOTEL RESERVATION FORM
1975 HISTORY OF SCIENCE SOCIETY MEETING, ATLANTA, DECEMBER 28-30

Please send the completed form to: Reservationist, Holiday Inn Downtown, Atlanta,
Georgia 30303.

Name ____________________________________________________________
Address __________________________________________________________

I wish to reserve:

<table>
<thead>
<tr>
<th></th>
<th>double bed</th>
<th>two double beds</th>
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<tr>
<td>1 person</td>
<td>$22.50</td>
<td>$22.50</td>
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<td>2 persons</td>
<td>$26.50</td>
<td>$31.00</td>
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<tr>
<td>3 persons</td>
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<td>$34.50</td>
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</table>

I will stay the following nights: Dec. 27 Dec. 28 Dec. 29 Dec. 30

To promote the work of the History of Science Society by helping to establish
a permanent endowment fund, I pledge $__________ to the HSS Endowment Fund, to be
paid during the years 1974-1976 as follows:

$__________ per annum 1974-1976 $__________ herewith enclosed

(Make checks payable to History of Science Society - Endowment Fund.)
Isis Editorial Office
Smithsonian Institution
Washington, D.C. 20560

Reservationist
Holiday Inn Downtown
175 Piedmont Avenue N.E.
Atlanta, Georgia 30303

Professor John G. Burke, Treasurer
History of Science Society
Department of History
University of California at Los Angeles
Los Angeles, California 90024
HISTORY OF SCIENCE SOCIETY BALLOT 1975

The biographical information has been excerpted from the 1974 Directory of Members and is in no case complete. Please return this Ballot immediately, but not later than December 10, 1975, to the Secretary, Dr. Roger H. Stuewer, School of Physics and Astronomy, University of Minnesota, Minneapolis 55455, by simply folding and mailing this page.

I. COUNCIL TERM EXPIRING DECEMBER 31, 1978
(Vote for 1 person in each pair)


Vote for 1 out of 2


Vote for 1 out of 2


Vote for 1 out of 2

___ Elaine Koppelman, Department of Mathematics, Goucher College, Towson, Maryland. Johns Hopkins Ph.D. 1969. 19c history and philosophy of mathematics.


Vote for 1 out of 2


II. NOMINATING COMMITTEE, TERM EXPIRING DECEMBER 31, 1976
(Vote for 1 person in each pair)

___ Asger Aaboe, Department of History of Science and Medicine, Yale University. Brown Ph.D. 1957. Ancient mathematics and astronomy.

___ Lawrence Badash, Department of History, University of California, Santa Barbara. Yale Ph.D. 1964. 19-20c physical science.

Vote for 1 out of 2


Vote for 1 out of 2


Jane M. Oppenheimer, Department of Biology, Bryn Mawr College. Yale Ph.D. 1935. Embryology, from point of view of history of ideas.

Vote for 1 out of 2


Vote for 1 out of 2


Dr. Roger H. Stuewer
School of Physics and Astronomy
University of Minnesota
Minneapolis, Minnesota 55455

fold
QUESTIONNAIRE CONCERNING PROGRAM PROCEDURES FOR THE
HISTORY OF SCIENCE SOCIETY'S ANNUAL MEETINGS

Introduction: Surely one of the most important functions of the History of Science Society is our annual meeting. In an effort to increase the value and attractiveness of the program of the annual meetings, a committee has been established to draw up guidelines for future program chairpersons. The committee is composed of Professors Frederick B. Churchill (Indiana), Allen G. Debus (Chicago), June Z. Fullmer (Ohio State) and Michael J. Crowe (Notre Dame), chairperson. The committee is seeking information from other societies as to their program procedures, but above all wishes to solicit the views of the members of the HSS. Please help us in so doing by filling out the questionnaire below which has been prepared by the committee. Please return it immediately, but not later than December 10, 1975, to Professor Michael J. Crowe, Graduate Program in History and Philosophy of Science, University of Notre Dame, Indiana 46556.

1. A characteristic feature of HSS meetings has been a number of "work in progress" sessions consisting of short (c. 15 min.) papers. Some comparable societies do not use this format, perhaps because it diminishes quality control. Should the number of "work in progress" sessions be (circle one):

<table>
<thead>
<tr>
<th>Increased</th>
<th>Decreased</th>
<th>Kept the same</th>
<th>Eliminated</th>
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</table>

Comments:

2. In general, regular sessions (not WIP sessions) in the annual program can be organized by having the program committee either (1) designate topics and organizers of these sessions; or (2) by selecting from proposals for sessions made by members of the society; or (3) by a combination of these methods. Circle the method which best describes your preferences:

(1) Program committee initiates sessions
(2) Program committee seeks and selects among proposals
(3) Program committee initiates half, seeks and selects half.

Comments:

3. Listed below are a number of types of sessions which have appeared in previous programs or could be initiated for future programs. Please rate each in terms of its specific interest to you by circling the letters (a = very interested, f = not interested).

<table>
<thead>
<tr>
<th>Historiographic sessions</th>
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<tr>
<td>Book review sessions</td>
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<tr>
<td>Sociology of science sessions</td>
<td>a b c d f</td>
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<tr>
<td>History of mathematics sessions</td>
<td>a b c d f</td>
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<tr>
<td>Philosophy of science sessions</td>
<td>a b c d f</td>
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<tr>
<td>History of technology sessions</td>
<td>a b c d f</td>
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<tr>
<td>History of medicine sessions</td>
<td>a b c d f</td>
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<tr>
<td>Undergraduate teaching sessions</td>
<td>a b c d f</td>
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<tr>
<td>State of the profession sessions</td>
<td>a b c d f</td>
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<tr>
<td>Anniversary (e.g., of some figure or discovery) sessions</td>
<td>a b c d f</td>
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<tr>
<td>Film preview sessions</td>
<td>a b c d f</td>
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Comments:
4. Please rank the following four types of sessions by placing a number (1 - first choice, 2, 3, 4 - last choice) next to each.

- Period (e.g., 18th century science)
- Discipline (e.g., biology, chemistry)
- Theme (e.g., a scientist, revolutions, French science)
- Method (e.g., cliometrics, psychohistory)

Comments:

5. Listed below are a number of criticisms which have been made or could be made of the programs at our meetings over the past half-decade or so. Please place a check in the column which best expresses your views.

<table>
<thead>
<tr>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
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</thead>
<tbody>
<tr>
<td>a. Too few of the leaders in the H of S have spoken at our meetings.</td>
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<tr>
<td>b. Too many of the leaders in the H of S have spoken at our meetings.</td>
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<tr>
<td>c. Our individual sessions have been too heavily attended.</td>
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<td>d. Too few speakers who are not historians of science have been invited to speak.</td>
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<td>e. There has been too much history of technology.</td>
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<td>f. There have been too many &quot;internalist&quot; papers.</td>
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<tr>
<td>g. There have been too many &quot;externalist&quot; papers.</td>
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<tr>
<td>h. There has been too much philosophy of science.</td>
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<tr>
<td>i. The papers have tended to be overly complex.</td>
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<td>j. The papers have tended to be too elementary.</td>
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<tr>
<td>k. Historiography of science has received undue emphasis.</td>
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<tr>
<td>l. Insufficient time for discussion has been available.</td>
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<tr>
<td>m. The call for papers was not adequately publicized.</td>
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<tr>
<td>n. There have been too many papers of low or marginal quality.</td>
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Comments:

6. Frequently program chairpersons have been confronted with the necessity of choosing between goals, both of which are desirable but which are to some extent mutually exclusive. Listed below are a number of such goals; please circle the item from each pair which you believe is the more desirable.

- More papers
- Longer but fewer papers
- More simultaneous sessions
- Good attendance at each session
- More openness
- More quality control
- More papers
- More commentators and discussions
- More graduate student papers
- More papers by professors
- More papers
- More leisure time at the meetings
7. Listed below are some reasons which might lead a person to attend a HSS convention; please mark them in terms of your own practices and preferences in placing a 1 (the dominant reason), 2 (a significant reason), or 3 (not a reason) next to each.

___ To hear the papers in your own specialty.  ___ To receive information useful in teaching.

___ To hear a broad range of papers, some far from your specialty.  ___ To receive information useful for research.

___ To see other individuals in the field to discuss professional concerns.  ___ To see friends, but not primarily to talk "shop" with them.

Comments:

8. When I have attended HSS meetings in the past, I have generally found the members (circle one):

a. Accessible and friendly  b. Unaccessible and unfriendly

Comments: (e.g., on how to increase valuable person-to-person interactions.)

9. Do you feel the HSS should encourage the independently organized regional and specialty meetings (i.e., Joint Atlantic Seminar in History of Biology, Joint Atlantic Seminar in History of Physics, Mid-West Junto, West Coast Lazzaroni) to assume the primary role as the forum for student Work-in-Progress Sessions:

yes  no  no opinion

Answer the same question assuming these meetings are consistently held only at the peak of the job hunting season:

yes  no  not an important consideration

10. Given recent nation-wide budgetary and academic-year changes, what month do you feel is now most critical for job hunting?

11. Please list below any suggestions you may have concerning how the programs for our annual meetings may be improved.
12. With what societies, if any, would you be most interested in having the HSS organize joint meetings or sessions?

13. Please circle the item which best describes your practice:
   a. I have attended (or plan to attend) nearly all annual meetings of the HSS.
   b. I have attended (or plan to attend) about half of the annual meetings.
   c. I rarely attend HSS meetings.
   d. I never attend HSS meetings.

14. My name has appeared on the printed program of the annual meetings during the last five years ___ times (e.g., gave paper, chaired session).

Professor Michael J. Crowe
Graduate Program in History and Philosophy of Science
University of Notre Dame
Notre Dame, Indiana 46556
HSS RECEIVES MATCHING NSF GRANT FOR BICENTENNIAL PROGRAM AT 1976 MEETING OF THE AAAS IN BOSTON (FEBRUARY 18-24)

The HSS has received a grant of $2400 from NSF as a matching grant to the one already received from NEH in support of a special Bicentennial Program to be presented at the 1976 Annual and Bicentennial Meeting of the American Association for the Advancement of Science (AAAS) in Boston, February 18-24. This program is being organized by Dr. Nathan Reingold, Smithsonian Institution, Washington, D.C. 20560, under the title, "The Sciences in America: A Bicentennial Retrospective." A complete list of speakers and papers appears below.

AAAS ANNUAL AND BICENTENNIAL MEETING (BOSTON, FEBRUARY 18-24, 1976)

There are several sessions of particular interest to historians of science to be held during the Annual and Bicentennial Meeting of the American Association for the Advancement of Science in Boston, February 18-24, 1976. These include, first, the session on "The Sciences in America: A Bicentennial Retrospective," which has been arranged by Nathan Reingold (Smithsonian Institution) and consists of the following five sessions: I. Donald Fleming (Harvard University), presiding. Papers by William H. Goetzmann (University of Texas), "Paradigm Lost"; Bruce Sinclair (University of Toronto), "A View From Abroad: The Class of '37 Tours Europe"; Robert Post (Smithsonian Institution), "Public Policy and Popular Attitudes to Science, 1820-1860"; and Deborah J. Warner (Smithsonian Institution), "Astronomy in Ante-Bellum America." II. Robert Bruce (Boston University), presiding. Papers by Monte Calvert (Clarkson College of Technology), "The World of the Nineteenth Century Inventor"; Michele Aldrich (Smithsonian Institution), "The Natural History Research Tradition"; Stanley Guralnick (Colorado School of Mines), "Varieties of Experience: Scientists and Higher Education, 1830-1910"; and Steve Pyne (University of Texas), "From the Grand Canyon to the Marianas Trench: Earth Sciences After Darwin." III. Sally Kohlstedt (Syracuse University), presiding. Papers by Michael Sokal (Worcester Polytechnic Institute), "Rationality and Reform: The Social Sciences"; Garland Allen (Washington University of St. Louis), "Classical Genetics, The American School"; Charles Rosenberg (University of Pennsylvania), "Science Pure and Science Applied: The Creation of an Applied Science Ideology in Late Nineteenth-Century America"; and Kendall Birt (State University of New York at Albany), "The Industrial Research Laboratory." IV. Nathan Reingold (Smithsonian Institution), presiding. Papers by Alice Quinlan (Johns Hopkins University), "The World War I Scientific Mobilization"; Stanley Cohen (University of California at Los Angeles), "Private Foundations and Scientific Research"; Albert C. Lewis (University of Texas), "The American Mathematical Frontier, 1900-1940"; and Spencer Weart (American Institute of Physics), "Physics Between the Two World Wars." V. Everett Mendelsohn (Harvard University), presiding. Papers by Robert Kohler (University of Pennsylvania), "American Biochemistry and its Patrons, 1919-1941"; Carroll Pursell (Lehigh University), "Mobilizing Science and Technology for World War II"; Harvey Sapolsky (Massachusetts Institute of Technology), "Science and the Military since World War II"; and Charles Weiner (Massachusetts Institute of Technology), "Big Science Goes to College."

Second, there will be a symposium on "Can Science Be Measured?" on February 19, 3:00-6:00 P.M., in Room 203 Hynes Auditorium, Prudential Center, which will address problems in measuring scientific activity and the use of science indicators, a timely topic since the National Science Board has already published the first in its projected series of volumes appraising the state of the National Science Establishment. Speakers and papers include Arnold Thackray (University of Pennsylvania), "Measurement in the Historiography of Science"; Harvey Brooks (Harvard University), "Indicators and American Science Policy"; and Yasha Rabkin (University of Montreal), "The Soviet Use of Indicators."

Third, the program for Section G (Biology), which has been arranged by Charlotte M. Porter (American Museum of Natural History, New York City), is on the subject of "Biology and the American Public, Then and Now." Speakers and papers include Keir B. Sterling

3RD ANNUAL JOINT ATLANTIC SEMINAR IN THE HISTORY OF THE PHYSICAL SCIENCES (BALTIMORE, MARCH 19-20, 1976)

The 3rd annual Joint Atlantic Seminar in the History of the Physical Sciences will be held at Johns Hopkins University on Friday evening and all day Saturday, March 19-20, 1976. For a more complete announcement, see the last (August) Newsletter. For information on registration, accommodations and other matters connected with the meeting, write to the Department of History of Science, Johns Hopkins University, Baltimore, Maryland 21218. Graduate students who might be interested in giving a twenty-minute talk or in leading a workshop should write, describing fully the proposed topic, to Professor Russell McCormach at the above address. Those interested are urged to write as early as possible since only a certain number of talks and workshops can be fitted in.

MIDWEST HISTORY OF SCIENCE SOCIETY MEETING (NOTRE DAME, MARCH 25-27, 1976)

The Midwest History of Science Society will meet from Thursday evening, March 25 to Saturday lunchtime, March 27, 1976, in the Center for Continuing Education at the University of Notre Dame. Persons wishing further information may write to Professor Michael J. Crowe, Graduate Program in History and Philosophy of Science, University of Notre Dame, Notre Dame, Indiana 46556. Further information as well as a call for papers will be issued later to all members of the Midwest History of Science Society.

CENTENNIAL MEETING OF THE AMERICAN CHEMICAL SOCIETY (NEW YORK CITY, APRIL 4-9, 1976)

The American Chemical Society Division of the History of Chemistry will sponsor a symposium entitled "A Review of Chemical Education Since 1776 and a Look into the Future," to be held in New York City, April 4-9, 1976. The symposium will feature as speakers: W. D. Miles (National Library of Medicine), D. A. Davenport (Purdue University), H. M. Leicester (University of the Pacific), W. H. Brock (University of Leicester), J. W. Servos (John Hopkins University), R. M. Hawthorne (Purdue University), M. J. Sturchio (University of Pennsylvania), O. Hannaway (Johns Hopkins University), S. Kopperl (Grand Valley College), J. H. Wise and E. S. Gilreath (Washington and Lee University), C. Overberger (University of Michigan), and W. T. Lippincott (University of Arizona). Further details on this program can be obtained by writing to the program chairman, Professor O. B. Ramsay, Department of Chemistry, Eastern Michigan University, Ypsilanti, Michigan 48197, or by consulting the March 1976 issue of Chemical and Engineering News.

The meeting will also include two other symposia of interest to historians of science: (1) "Chemical Giants" (S. P. Massie, chairman) will honor the contributions to chemical education of John Bailar, Henry Eyring, Louis Fieser, and Linus Pauling. It will also feature commentaries by former students and a general evaluation and summary by A. J. Ihde. (2) "The Impact and Influence of Textbooks and Laboratory Programs on Chemical Education." The speakers will be P. Elving, D. Davenport, F. Basolo, D. S. Tarbell, P. Yankwich, R. Siebring, and T. Lippincott. Leonard Fine is also preparing a display of historical materials related to this symposium.
CONFERENCES AND EVENTS

1. HISTORY OF MEASUREMENT CONFERENCE (BUDAPEST, APRIL 27-30, 1976)

For a complete announcement on this conference, see the last (August) Newsletter. The deadline for the submission of paper title and short summary has been changed to December 1, 1975. Correspondence and applications should be directed to MTESZ Technikatörnéneti Bizottság, 1055 Budapest, Kossuth Lajos tér 6-8. For further information write to Professor F. Szabadváry, Múzsaki Múzeum, 1502 Budapest, P.O.B. 311.

2. 8TH ANNUAL MEETING OF CHEIRON (WASHINGTON, D.C., MAY 28-30, 1976)

The 8th Annual Meeting of Cheiron, The International Society for the History of the Behavioral and Social Sciences, will be held at the National Museum of History and Technology, Smithsonian Institution, Washington, D.C., May 28-30, 1976. Papers (20 minutes maximum; two copies plus return postage) should be submitted to Dr. Michael M. Sokal, Department of Humanities, Worcester Polytechnic Institute, Worcester, Mass. 01609. Abstracts are due November 15, 1975; papers are due December 31, 1975. For further information about the program, write to Dr. Gisela Hinkle, Department of Sociology, Ohio State University, 1775 South College Road, Columbus, Ohio 43210. For information concerning membership, write to Dr. Elizabeth S. Goodman, 115 West Royal Drive, DeKalb, Illinois 60115.

3. 30TH INTERNATIONAL CONGRESS OF HUMAN SCIENCES IN ASIA AND NORTH AFRICA (MEXICO CITY, AUGUST 3-8, 1976)

For the first time in the century-long history of the Congress, specialists in the field of Asian and North African studies will meet in Latin America, at El Colegio de México, Mexico City, August 3-8, 1976. History, sociology, economics, philosophy, art, literature, anthropology, and contemporary problems of Asia and North Africa will be among the main objects of analysis. The scientific program will be divided into sections, seminars, colloquia, and conferences. The sections will be structured according to the following geocultural areas: (1) West Asia and North Africa; (2) Central and Northern Asia; (3) South Asia; (4) Southeast Asia; and (5) East Asia: (a) China, (b) Japan and Korea. The official languages of the Congress are Spanish, English, and French. Papers should not exceed fifteen to twenty minutes. Deadline for the indication of titles and authors: January 1, 1976. Summaries of no more than 200 words must be submitted to the Secretary General prior to April 1, 1976. Registration and inquiries should be sent to The Secretary General, 30 International Congress of Human Sciences in Asia and North Africa, El Colegio de México, Guanajuato 125, México 7, D.F., Mexico.

4. SYMPOSIUM ON QUANTITATIVE METHODS IN THE HISTORY OF SCIENCE (BERKELEY, CALIFORNIA, AUGUST 25-27, 1976)

A Symposium on "Quantitative Methods in the History of Science" will be held at the University of California, Berkeley, on August 25-27, 1976. Sponsored jointly by the Center for History of Science and Technology and the Institute of International Studies, it will bring together practitioners of that art and their critics. Details may be obtained from the Symposium coordinator, Professor Roger Hahn, Center for History of Science and Technology, 114 Main Library, University of California, Berkeley, California 94720.

5. HISTORY OF CHEMICAL ENGINEERING SYMPOSIUM (HONOLULU, APRIL 1979)

There will be a symposium on the history of chemical engineering at the national meeting of the American Chemical Society in Honolulu, April 1979. For information contact Dr. W. F. Purter, Department of Chemical Engineering, Royal Military College of Canada, Kingston, Ontario, Canada K7L 2W.
AQUINAS FUND GRANT WILL ENABLE DREW UNIVERSITY TO ADD
HISTORIAN OF SCIENCE TO STAFF

A major grant to Drew University, Madison, New Jersey, from the Aquinas Fund, New York City, will make possible the addition of an historian of science to the University faculty. Given in honor of Drew's late president, Robert Fisher Oxnam, the gift includes $12,000 a year for each of the next two years toward the salary of a visiting professor in the field, plus a challenge grant of $200,000 toward a fully-endowed chair of science and society, payable as soon as the University raises sufficient additional funds for the endowment. In announcing the award, Paul Hardin, Oxnam's successor as president of Drew, said he expected the money would be raised quickly, with total endowment for the chair reaching at least three quarters of a million dollars. The appointment will benefit the curricula of all three divisions of the University--College, Theological School, and Graduate School.

SURVEY OF SOURCES FOR THE HISTORY OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

The American Academy of Arts and Sciences and the American Philosophical Society have announced their joint sponsorship of a twelve month preliminary survey of the sources for the history of biochemistry, molecular biology and related disciplines. A committee of historians, biochemists and archivists chaired by Dr. John T. Edsall, professor emeritus of Harvard University, will oversee the project which will be conducted from offices at the American Philosophical Society Library, 105 South Fifth Street, Philadelphia, Pennsylvania 19106, under the supervision of David Bearman, secretary to the committee. The project will involve the identification and documentation of archival resources in universities, research institutes, hospitals, agricultural experiment stations, government agencies, professional societies and journals. While the primary focus of the survey is biochemistry and molecular biology its purview also includes those areas of biology, physiology, pharmacology, microbiology, genetics, immunology, agriculture and so on in which biochemistry has played a significant role in the twentieth century. Besides identifying sources of materials for writing the history of biochemistry the survey will solicit biographical information from important living biochemists and document the shifting foci of biochemical research, funding, education and applications in this century. It is expected that the survey will be the first stage of a larger effort in collecting archival materials related to the recent history of these important areas of twentieth century science. The survey of sources for the history of biochemistry and molecular biology will be issuing occasional resource reports which will be available free of charge to interested individuals. Other materials gathered by the survey will be preserved at the American Philosophical Society library where they will be available to scholars.

REQUEST FOR INFORMATION ON RECEIPTION OF NEW SCIENTIFIC IDEAS

Professor Henry Gilman, Department of Chemistry, Iowa State University, Ames, Iowa 50010, would like to learn of cases in which an important scientific idea of a young student or scholar was rejected, initially at least, by his or her more senior mentor. HSS members knowing of such cases are requested to send information on them to Professor Gilman.

RUBBER INDUSTRY COLLECTIONS AT UNIVERSITY OF AKRON

The American History Research Center (AHRC) of the University of Akron has acquired two large and significant collections relating to the rubber industry. The B. F. Goodrich Company papers, about 400 cubic feet of corporate archives spanning the period 1868-1969, include annual reports, board of directors' minutes, accounting records, advertising and public relations files, patent and trademark registrations, research records, and films. Material older than 25 years is open for research and more recent records may be used with the company's permission. The company expects to deposit additional material from time to time. The General Tire and Rubber Company has
deposited the records of a landmark patent suit. The more than 250 rolls of microfilm and 100 cubic feet of other material constitute a documentary history of the evolution of synthetic rubber prior to 1950. World War II relations between the rubber industry and the federal government are also reflected in this collection. The AHRC has also acquired the records of the Akron Better Business Bureau (1920-1972), the Akron Area Chamber of Commerce, (1907-1972), the Akron, Canton & Youngstown Railroad, (1895-1972) and the Lighter-Than-Air-Society (1900-1974). Persons interested in further information should contact Dr. David E. Kyvig, Director, American History Research Center, University of Akron, Akron, Ohio 44325.

SMITHSONIAN INSTITUTION ORAL HISTORY COLLECTION
AND RECENT ACCESSIONS

The Smithsonian Institution Archives announces the availability of an oral history collection, supplementing its manuscript collections. Interviewees are current or retired Smithsonian scholars and administrators. Subject matter covers biography, history of science, and institutional history. Tapes and transcripts of interviews with the following individuals are available, subject to restrictions: Charles G. Abbot, Richard S. Cowan, Robert P. Multhauf, Nathan Reingold, and Alexander Wetmore. The oral history project is an ongoing section of the archives and additional interviews will become available periodically.

The Smithsonian Archives have also recently accessioned Smithsonian Fiscal Records (Private), 1846-1911, 2 cubic feet; Smithsonian Institution Daybooks (Private), 1846-1884, 1.4 cubic feet; Federal Fiscal Records, 1872-1942, 10 cubic feet; Smithsonian Payroll records, 1882-1942, 9.3 cubic feet; receipted vouchers, U. S. National Museum, 1872-1904, 19 cubic feet; indexes to U. S. National Museum Receipted Vouchers, 1881-1900, 0.3 cubic foot; records of the Chief Clerk, U. S. National Museum (William V. Cox) and Administrative Assistant (William de C. Ravenel), 1885-1914, 8.4 cubic feet; records of the Chief Clerk, U. S. National Museum (William V. Cox) and Administrative Assistant (William de C. Ravenel), 1882-1914, 13.6 cubic feet; records of the Smithsonian Property Clerk, 1883-1890, 1.7 cubic feet; Registrar's Specimen Distribution Records, 1853-1920, 10.9 cubic feet; Registrar's Record of Incoming Transportation, 1855-1882, 1912-1924, 2.4 cubic feet; correspondence between the Smithsonian Institution and the U. S. Civil Service Commission, 1893-1894, 1896-1907, 1.3 cubic feet; records of the Division of Comparative Anatomy, Ca. 1885-1902, 1909, 0.3 cubic foot; papers of A. Remington Kellogg, (1892-1969), 1916-1969, 3.3 cubic feet; papers of Gerrit Smith Miller, Jr., (1869-1956), 1908-1940, 1.3 cubic feet; papers of James A. Peters (1922-1972), 1927-1973, 15.2 cubic feet; papers of Robert Ridgway (1850-1929), Ca. 1850's-1919, 3.5 cubic feet; records of the International Whaling Conference and Whaling Commission, 1930-1968, 13.7 cubic feet; papers of Stanley Paul Young (1899-1969), 1921-1965, 3.1 cubic feet.

ROCKEFELLER ARCHIVE CENTER OPENED

Rockefeller University has announced the opening of the Rockefeller Archive Center at Hillcrest, Pocantico Hills, North Tarrytown, N. Y. The Center will be the depository for the archives of the Rockefeller University, the Rockefeller Foundation, the Rockefeller Brothers Fund, and the Rockefeller Family. The Rockefeller University Archives include the records of the Rockefeller Institute for Medical Research, which was established in 1901, and papers of individual scientists. The Rockefeller Foundation Archives document the Foundation's worldwide programs in education, research, public health, medicine, arts, humanities, social sciences, and agricultural development from 1913 on. Also included are the records of the Bureau of Social Hygiene (1911-40), the China Medical Board (1913-29), the General Education Board (1902-54), the International Education Board (1923-41), the Laura Spelman Rockefeller Memorial (1918-41), the Rockefeller Sanitary Commission for the Eradication of Hookworm Disease (1909-15), and
the Spelman Fund of New York (1928-49). There are also papers of a few individuals who were associated with the Foundation. A booklet briefly describing these collections, which was published in 1973, is now available from the Archive Center. The Rockefeller Family Archives include some of the papers of John D. Rockefeller (1839-1961), the office of the Messrs. Rockefeller (1895-1961), the American International Association for Economic and Social Development (1946-1969), and the Davison Fund (1930-1942). Scholars interested in these research materials should address the Rockefeller Archive Center, Hillcrest, Pocantico Hills, North Tarrytown, N.Y. 10591, or call (914)-631-4505.

SOCIETY OF AMERICAN ARCHIVISTS ANNOUNCES MAJOR ARCHIVAL SECURITY PROGRAM

The Society of American Archivists has begun a comprehensive archival security program. Major facets of the project will be supported by a $99,690 grant from the National Endowment for the Humanities. Ann Morgan Campbell, Executive Director of the SAA, will direct the project; Timothy G. Walch will be associate director; and Kathryn M. Nelson will be program assistant. The staff is now involved in a large-scale investigation of the nature and extent of the archival security problem and of possible solutions. Legal and technical experts, manuscript dealers, as well as archivists and manuscript curators, will be consulted. The agenda is as follows: (1) By spring 1976 a registry of missing manuscripts will be established. A format will be devised within the next few months and solicitation of listings will begin by the end of this year. A special section of the SAA Newsletter will be devoted to security developments. Eventually, distribution of security news will be broadened to include non-member, interested parties. (2) By fall 1976, a consultant service will make competent experts available to archival institutions to advise them in the areas of security systems, internal archival procedures, legal problems, and other aspects of archival security. (3) The project will culminate in 1977 with the publication of an archival security manual. For further information please write to the Associate Director, SAA Archival Security Program, Society of American Archivists, Box 8198, University of Illinois, Chicago Circle, Chicago, Illinois 60680.

VOLTAIRE FOUNDATION PUBLICATIONS

The American agents for The Voltaire Foundation have suffered a financial failure. Many North American libraries, as a result, have not received copies of works published as of July 1, 1975. These are the Complete Works of Voltaire, volumes 2, 7, 53-55, 59, 81-82, 85, 125; the Correspondance complète de Jean Jacques Rousseau, volumes 1-22; and the Studies on Voltaire and the 18th Century, volumes 30-37, 41-139. (The above volumes only are currently in print.) All university staff concerned with 18th century studies are urged to ask their librarians to confirm in writing to the Foundation if their libraries are subscribed to the above sets. If so, it would be most desirable to find out if the volumes listed have been received, and to contact The Voltaire Foundation, Thorpe-Mandeville House, Banbury, Oxfordshire, England, stating which is the last volume they hold of each series. Should your library not possess some or all volumes of these sets, new subscriptions are solicited. In case of any problems, kindly notify Professor Giles Barber at the Foundation.

AAAS LAUNCHES PROGRAM FOR THE HANDICAPPED IN SCIENCE

The American Association for the Advancement of Science has officially launched its Project for the Handicapped in Science. The purpose of this initial project, which is funded by the Rehabilitation Services Administration of the Department of Health, Education, and Welfare through the George Washington University Rehabilitation Research and Training Center is to identify and explore barriers obstructing the entry and full participation of physically disabled persons to education and employment opportunities in science. Specifically, the project will seek to examine and evaluate ways in which the scientific professional associations and organizations of and for the handicapped
can contribute to equal opportunities in science careers. In order to build an ongoing and realistic program, the AAAS needs the expert consultation of handicapped individuals who have experienced difficulties in receiving an education to be a scientist or in professional placement because of their handicap. If you are a disabled scholar, please identify yourself to Martha Redden, Director, Project on the Handicapped in Science, Office of Opportunities in Science, AAAS, 1776 Massachusetts Avenue, N. W., Washington, D. C. 20036. The project will not use, without permission, the names of individual scholars who respond.

BARRIERS TO THE DISABLED FALL AT AAAS MEETING

Physically disabled scientists are encouraged to attend the Annual Meeting of the American Association for the Advancement of Science in Boston, February 18-24, 1976. The AAAS Office of Opportunities in Science is working with the AAAS Meetings Office, Boston hotels, Rehabilitation Agency personnel and other interested people and groups in the Boston area to make the meeting fully accessible to people who are in wheelchairs, who have visual or auditory disabilities and those who need assistance because of other disabilities. For information and/or suggestions, please contact Martha Redden, Director, Project on the Handicapped in Science, AAAS, 1776 Massachusetts Avenue, N. W., Washington, D. C. 20036 (phone 202-467-4497).

ADDITIONAL BOOKS RECEIVED BY ISIS: MAY-JUNE 1975


John McLeish, Soviet Psychology: History, Theory, Content. xii + 308 pp., bibl., index. London: Methuen, 1975, £6.95.


Detlef Mittmann, Die chemische Industrie im nordwestlichen Mitteleuropa in ihrem Strukturwandel. (Kölner Forschungen zur Wirtschafts- und Sozialgeographie, Band XX.) 403 pp., bibl., folding map in color. Wiesbaden: Franz Steiner, 1974. DM 44.-- (paper).


Reino Virtanen, L’imagerie scientifique de Paul Valéry. (Essais d’Art et de Philosophie.) 153 pp., bibl., index. Paris: Librairie Philosophique J. Vrin, 1975. 26 F.


BOOKS RECEIVED BY ISIS: JULY-AUGUST 1975


Anthony F. Aveni (ed.), Archaeoastronomy in Pre-Columbian America. xv + 436 pp., illus., bibl., index. Austin: Univ. of Texas Press, 1975. $16.50.


Derk Bodde, Festivals in Classical China. New Year and Other Annual Observances during the Han Dynasty 206 B.C. - A.D. 220. xvi + 439 pp., illus., bibl., index. Princeton: Princeton Univ. Press, 1975. $17.50.


Henry Guerlac, Antoine-Laurent Lavoisier: Chemist and Revolutionary. (DSB Editions.) 174 pp., illus., bibl., index. New York: Scribner's, 1975. $7.95 (cloth), $2.95 (paper).

Derek Howse, Francis Place and the Early History of the Greenwich Observatory. 64 pp., illus., 12 plates, bibl., index. New York: Science History Publications, 1975. $12.95.


James Stephens, Francis Bacon and the Style of Science. xi + 188 pp., index. Chicago: Univ. of Chicago Press, 1975. $10.95.
Alan Ternes (ed.), Ants, Indians, and Little Dinosaurs. Selected from Natural History. 386 pp., index. New York: Scribner's, 1975. $8.95.


ADDITIONAL NEW PUBLICATIONS


NEH 1976 SUMMER SEMINARS FOR COLLEGE TEACHERS

The National Endowment for the Humanities has announced the continuation of its program of Summer Seminars for College Teachers. During the summer of 1976 approximately 60 seminars will be offered in a wide variety of disciplines of the humanities and humanistic social sciences. Detailed information about the seminar directors, topics, and locations for 1976 will be available in late fall, 1975 from the Division of Fellowships, NEH, 806 15th Street, N.W., Washington, D.C. 20506. The deadline for the submission of applications will be March 1, 1976.

INTERNATIONAL RESEARCH AND EXCHANGES BOARD (IREX)

The International Research and Exchanges Board (IREX) was established in 1968 by the American Council of Learned Societies and the Social Science Research Council. IREX administers academic exchange programs between scholars in the United States and the countries of East-Central and Southeast Europe and the Soviet Union. These programs operate under reciprocal agreements with the countries concerned. In addition to the formal exchanges, IREX offers opportunities for individual scholars and institutions in the form of short-term travel grants for the purpose of planning new forms of collaboration and exchange; gives a limited number of grants in support of collaborative projects; provides travel grants to recipients of visitors' invitations from the Academy of Sciences of the USSR relating to the contemporary social sciences; and awards fellowships for Soviet and East European area studies in North America preparatory to participation in the exchange programs. For a brochure describing IREX programs and stipulating their application deadlines, please write to IREX, 110 East 59 Street, New York, New York 10022.

ACLS/SSRC EAST EUROPEAN AND SOVIET STUDIES GRANTS PROGRAMS

The Joint Committee on Eastern Europe and the Joint Committee on Soviet Studies of the American Council of Learned Societies (ACLS) and the Social Science Research Council (SSRC) wish to draw attention to its grants programs in East European Studies and Soviet Studies, as follows: I. East European Studies. (A) Grants for Post-Doctoral Research. These are offered for research in the humanities or social sciences relating to the cultures and populations (regardless of their geographical locus) of Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, Yugoslavia, East Germany since 1945, and modern Greece. Grants will rarely exceed $10,000. Stipends in lieu of summary salary or grants for foreign travel will be considered only in exceptional circumstances. Deadline for receipt of application forms: DECEMBER 31, 1975. (B) Grants for Study of East European Languages. These are offered for scholars and graduate students (who have completed at least one year of graduate study at the program deadline) for intensive,
intermediate-level study abroad of the languages of Albania, Bulgaria, Czechoslovakia, Greece (modern Greek), Hungary, Poland, Romania, and Yugoslavia. Grants are also offered for enrollment in language courses on all levels in the U.S. if such courses are not available in the regular program of the home institution. Applicants wishing to study modern Greek are eligible only if they intend to teach it or to use it in research on modern Greece. Stipends, ranging from $300 to a maximum of $1,000, will include not more than the equivalent of overseas group travel and subsistence at one of the summer language centers for foreigners available in most East European countries. Support will be provided for the recipient only. Deadline for receipt of application forms: FEBRUARY 2, 1976.

Soviet Studies. Grants for Post-Doctoral Research. These are offered for research in the social sciences and humanities relating to Revolutionary Russia and the U.S.S.R. Weighted preference will be given to applications which bring to Soviet studies the insights of sociology, social psychology, cultural anthropology, economics, geography, and law. Special attention will also be given to problems in Soviet studies which cross disciplinary boundaries or which can profit from methodological advances in the social sciences. Grants will rarely exceed $8,500. Only in exceptional cases will grants be made in support of travel for brief visits abroad or to relieve scholars of the necessity of teaching beyond the conventional academic year. Deadline for receipt of application forms: DECEMBER 31, 1975.

In requesting application forms, the prospective applicant must provide the following information: (1) age, (2) highest academic degree held and date received, (3) citizenship or permanent residence (these programs are open only to citizens or permanent residents of the U.S. or Canada), (4) academic or other positions, (5) field of specialization, (6) proposed subject of research or study, (7) period of time for which support is requested, and (8) specific award program under which an application is contemplated. The above information—and/or requests for additional information about these or other ACLS fellowships and grants programs—should be addressed to the Office of Fellowships and Grants, American Council of Learned Societies, 345 East 46 Street, New York, N.Y. 10017.

ACLS RESEARCH FELLOWSHIPS FOR RECENT Ph.D. RECIPIENTS

The American Council of Learned Societies announces the availability of a limited number of fellowships for recent recipients of the Ph.D. degree for research in the following fields: philosophy (including the philosophy of law and science); aesthetics; philology, languages, literature, and linguistics; archaeology; art history and musicology; history (including the history of science, law, and religions); cultural anthropology; and folklore. Eligibility: Applicants must be citizens or permanent residents of the United States or Canada and have held the Ph.D. degree for not less than one year or more than three at the time of applying. Terms of Award: Fellowships will provide salary equivalents, not to exceed $7,000, for at least one semester (or a period of 4 1/2 months) of uninterrupted research between July 1, 1976, and December 31, 1977. Deadline: December 1, 1975. Notification: March 15, 1976. Application forms are available from: Office of Fellowships and Grants, American Council of Learned Societies, 345 East 46th Street, New York, New York 10017. In requesting application forms, please state citizenship or permanent residence, date of award of the doctoral degree, field of specialization, subject of proposed research, period of time for which support is requested, and program title.

SMITHSONIAN INSTITUTION FELLOWSHIPS IN HISTORY OF SCIENCE AND TECHNOLOGY

The Smithsonian Institution announces its program of higher education and research training in the History of Science and Technology for 1976-1977. Smithsonian Fellowships are awarded to support independent research using Smithsonian Institution collections, archives, laboratories, and other facilities, and pertaining to Smithsonian professional staff research interests. Proposals for research may be offered in fields in which the Institution has research strength: history of mathematics, physical sciences, medicine
and pharmacy, mechanical and civil engineering, and electrical technology, history of science in America, and the history of air and space developments. Smithsonian Fellowships, supported by a stipend of $10,000 per annum and research allowances, may be granted to postdoctoral scholars to pursue further training in research. Smithsonian Predoctoral Fellowships, supported by a stipend of $5,000 per annum and research allowances, may be granted to doctoral candidates to conduct research for their dissertations with the approval of their university departments. Applications are due by January 15, 1976. In selecting individuals for participation in academic programs, the Smithsonian Institution does not discriminate on grounds of race, creed, color, sex, age or national origin of any applicant. For more information and application forms write: Office of Academic Studies, Smithsonian Institution, Washington, D.C. 20560. Please indicate the particular area in which you propose to conduct research and give the dates of degrees received or expected.

UNIVERSITY OF TEXAS FELLOWSHIPS IN HISTORY AND PHILOSOPHY OF MENTAL HEALTH

The Institute for the Medical Humanities at the University of Texas Medical Branch announces the availability of fellowships in the history and philosophy of mental health for varying periods of time from July 1, 1976, to June 30, 1978. Fellows will be selected according to their demonstrated commitment to serious scholarly endeavor, and remuneration will depend upon their qualifications. Application forms may be requested from the Institute for the Medical Humanities, University of Texas Medical Branch, Galveston, Texas 77550. For the 1976-77 fellowships, completed forms must be received by February 1, 1976. Applicants will be notified by April 1, 1976. For the 1977-78 fellowships, completed forms must be received by February 1, 1977. Applicants will be notified by April 1, 1977.

UNIVERSITY OF PENNSYLVANIA GRADUATE FELLOWSHIP IN HISTORY OF MODERN TECHNOLOGY

The Department of History and Sociology of Science of the University of Pennsylvania announces a renewable fellowship for graduate study. This fellowship is offered in conjunction with the College of Engineering and Applied Science of the University. Applicants interested in Western technology since 1850 are especially encouraged. The Department stresses the interaction of technology, science and economics, and cultivates the history of science, technology and medicine in a social context. Students with backgrounds in engineering—as well as those who had majored in historical or social science subjects—are invited to apply. The deadline for applications is February 1, 1976. For further information, write: Department of History and Sociology of Science, Smith Hall D6, University of Pennsylvania, Philadelphia 19174.

LOGAN CLENDENING TRAVELING FELLOWSHIP IN THE HISTORY OF MEDICINE

Applications are invited for the Logan Clendening Traveling Fellowship in the History of Medicine, which is tenable for three months during 1976. The Fellowship is for $1,000 and is open to registered medical students (or college seniors accepted for medical school) of any recognized medical or osteopathic school in the United States or Canada. This Fellowship memorializes Dr. Logan Clendening (1884-1945), and will enable medical students to follow at least two of his abiding interests—travel and medical history. Applications may elect to travel anywhere in the world for the purpose of studying any aspect of medical history of interest to them. The special application form, which must be returned not later than March 15, 1976, may be obtained from Robert P. Hudson, M.D., Chairman, Department of the History of Medicine, The University of Kansas Medical Center, Kansas City, Kansas 66103. Applicants will be notified of results by April 15, 1976.
FELLOWSHIPS AND GRANTS RECEIVED

Harold Dorn (Stevens Institute of Technology) and Robert Mark (Princeton University) have received a grant of $131,835 from the National Endowment for the Humanities for a research program entitled "Architecture and the Scientific Revolution." The research will focus on the transition from the artist-architects of the Renaissance to the scientist-architects (Wren and Hooke, e.g.) of the 17th century.

Thomas Parke Hughes (University of Pennsylvania) has received a Rockefeller Foundation Fellowship for 1975-76, to support the concluding phases of his socio-historical study of the development of electric light and power systems.

The American Council of Learned Societies in a national competition recently awarded Grants-In-Aid to ninety-four scholars from seventy academic institutions for post-doctoral research in the humanities and related social sciences. This program has been made possible by grants from the Ford Foundation and the National Endowment for the Humanities. Included among the recipients were the following: (1) Diana C. Kamilli (Wellesley College), "The history of ceramic technology, Godin Tepe area, Iran"; (2) M. Jeanne Peterson (Indiana University), "The Pagets: A 19th century English family in science, education, and the church"; (3) George D. Sussman (Vanderbilt University), "Topics in the social history of 19th century France: Wet-nursing and the medical profession"; (4) Arnold W. Thackray (University of Pennsylvania), "Gentlemen of science: The origins and early years of the British Association for the Advancement of Science"; (5) Robert S. Westman (University of California, Los Angeles), "The diffusion of the Copernican theory 1540-1650"; and (6) Emanuel Winternitz (City University of New York, Graduate Center, Curator Emeritus, Metropolitan Museum), "A study of Leonardo da Vinci's musical thoughts, activities, and inventions."

In addition, the following students received NSF support for their doctoral dissertation research: Robert M. Friedman (Johns Hopkins University), John E. Lesch (Princeton University), and Lois I. Abromitis (Brown University).

APPOINTMENTS AND PROMOTIONS

Dorian B. Kottler has been appointed Post-doctoral Associate in the History of Science and Technology at the University of Minnesota for 1975-76.

Luis M. Laita has been appointed to the mathematics department of the University of Seville, Spain.

Judith W. Leavitt has been appointed Assistant Professor in the Department of the History of Medicine, University of Wisconsin Center for Health Sciences, Madison.

Michal McMahon has been appointed senior fellow in the Department of History and Sociology of Science, University of Pennsylvania.

Keith A. Nier has been appointed Post-doctoral Associate in the History of Science and Technology at the University of Minnesota for 1975-76.

William R. Woodward has been appointed Instructor in the Department of Psychology at the University of New Hampshire, with primary responsibility for teaching the history of psychology.

VISITING APPOINTMENTS

Neal Grossman was appointed Visiting Professor in the Department of History and Philosophy of Science at Indiana University for the fall semester 1974-75.

Michael Ruse was appointed Visiting Professor in the Department of History and Philosophy of Science at Indiana University for the spring semester 1974-75.

DISSERTATIONS IN PROGRESS OR RECENTLY COMPLETED

Note: If available, please supply the Dissertation Abstracts reference number in the future when submitting announcements on dissertations completed.

University of Chicago

Judith W. Leavitt, "Public Health in Milwaukee 1867-1910" (completed).

University of Maryland, College Park

University of Notre Dame

University of Oklahoma
William McLean Suduth, "The Electrical Decomposition of Water: A Case Study in the Relationship of Theory and Experiment in Electrical and Chemical Science, 1746-1800" (in progress).

University of Wisconsin
William B. Ashworth, Jr., "The Sense of the Past in English Scientific Thought of the Early 17th Century: The Impact of the Historical Revolution" (completed).
Robert A. Hatch, "Ismael Boulliau (1605-1694), Astronomer, Savant" (in progress).
Susan Laura Miller, "New York State Government Support of Science, 1777-1825" (in progress).
A. Mark Smith, "Book V of Witelo's Perspectiva" (in progress).
Michael Tang, "The Intellectual Context of John Wilkins's Essay Toward a Real Character and a Philosophical Language" (completed).
J. Peter Zetterberg, "'Mathematicall Magick' in England, 1570 to 1650" (in progress).

Yale University
Alice Levine Baxter, "Edmund Beecher Wilson and the Problem of Development: From the Germ Layer Theory to the Chromosome Theory of Inheritance" (completed; pg. ref. 36/01, p. 502-A, microfilm order #75-15285).
Mary Ellen Bowden, "The Scientific Revolution in Astrology: The English Reformers, 1558-1666" (completed; pg. ref. 36/01, p. 502-A, microfilm order #75-15288).
Paul Arthur Hanle, "Erwin Schroedinger's Statistical Mechanics, 1912-1925" (completed).
Malcolm Jay Kottler, "The Evolutionary Thought of George J. Romanes" (in progress).

REQUEST FOR JOB INFORMATION

Individuals in colleges, universities, and other institutions having knowledge of possible or definite job openings are urged to relay such information to the Secretary of the Society, Dr. Roger H. Stuewer, as soon as possible for publication in the Newsletter. Such sharing of job information is consistent with the general sentiment that members of the HSS expressed on the desirability of open listing of available positions.
The positions listed below are new openings that have been brought to the attention of the Secretary. Other new openings should also be brought to his attention as soon as possible. All inquiries should be addressed to the institution having the opening, and only serious and qualified persons should apply. It is assumed that the positions listed are in fact open at the time of publication. The Society, however, can assume no responsibility for the accuracy or currency of the listing.

1. University of California, Santa Barbara 93106.
   Position: For Spring Quarter 1976 (April-June) only.
   Description: Teach two undergraduate courses. Preferred topics are history of technology, science and society, history of biological sciences.
   Deadline for applications: January 1, 1976.
   Contact: Professor Lawrence Badash, Department of History.
   Note: The University of California is an equal opportunity/affirmative action employer.

   Position: Assistant Professor of the History of Science and Head Tutor.
   Description: Responsibility for one course (or seminar) each semester and administration of the Department's undergraduate tutorial program. Applicants may have interests in fields including the history of science, the history of medicine, and the history of technology. The initial appointment is for three years with possible renewal for an additional three years. Candidates must have completed a Ph.D. by the time of appointment (July 1, 1976). Applications will be accepted through January 5, 1976. The Department is an affirmative action employer.
   Contact: Professor Everett Mendelsohn, Chairperson.

3. Illinois Institute of Technology, Chicago 60616.
   Position: Assistant Professor, History of Technology, beginning fall 1976.
   Description: Historian of modern technology (19th-20th centuries) with active research interest in social dimensions of technology. Candidates must have the Ph.D. by September, 1976. Affirmative Action procedures followed.
   Contact: Dr. Henry Knepler, Chairman, Department of Humanities, Illinois Institute of Technology, Chicago, Illinois 60616.

4. University of Maryland, College Park 20742.
   Position: Chairman, Department of History.
   Description (as quoted from search committee statement): "Though it would be pleasing if the new chairman were a specialist in a field for which the Department needs additional staffing (e.g., Renaissance and Reformation, Middle East History, or Urban History), the subject matter specialty will be secondary and not controlling. The Search Committee will seek the best qualified person for the position, but it will be alert to affirmative action/equal opportunity considerations, and invites nomination of minority candidates for the appointment....The salary will be commensurate with the qualities of the appointee and will be attractive."
   Contact: Professor Wayne S. Cole, Department of History.

   Position: Full Professor or Associate Professor of the History of Psychology, beginning fall 1976. Applicants at the Assistant Professor level with appropriate qualifications will also be considered.
   Description: Teaching experience, published research, a program of research in history of psychology essential. Responsibilities include supervision of graduate research, teaching undergraduate/graduate courses in history of psychology. Also teach psychology courses outside the history specialty. Send vita, cover letter describing current research/teaching interests/experience, selected reprints; list names of four references.
University of Pittsburgh, Pittsburgh, Pennsylvania 15260.

Position: Assistant Professor of History and Philosophy of Science.

Description: Applications are invited for an appointment to the above position. The field of specialization in history of science is open, but should complement rather than duplicate present Departmental strengths. A competence in medical ethics is highly desirable. Candidates who have not fully completed the Ph.D. will be considered for an appointment as Instructor.

Note: The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.

Contact: Professor Kenneth F. Schaffner, Chairperson, Department of History and Philosophy of Science, 223 Loeffler Bldg.

ADDENDA

ANNUAL PROGRAM 1975-1976 OF THE BOSTON COLLOQUIUM FOR THE PHILOSOPHY OF SCIENCE (BOSTON UNIVERSITY)


ANNUAL PROGRAM 1975-1976 OF THE INTERDISCIPLINARY COLLOQUIUM IN THE HUMAN SCIENCES (CALIFORNIA STATE UNIVERSITY, LOS ANGELES)

History of Science Society

NEWSLETTER

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