

Volume II, Number 3

August, 1973

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 55455. The deadline for receipt of news items for the November issue is October 20, and THIS WILL BE THE ONLY CALL FOR NEWS THAT WILL BE ISSUED.

1973 ANNUAL HSS MEETING IN SAN FRANCISCO

The annual meeting of the HSS will be held jointly with SHOT (and in conjunction with the AHA) in the Sir Francis Drake Hotel, Powell and Sutter Streets, San Francisco, California 94102, Thursday-Saturday, December 27-29, 1973. Program Chairman is Prof. Fred B. Churchill, Department of History and Philosophy of Science, Indiana University, Bloomington, Indiana 47401, and Local Arrangements Chairwoman is Dr. Carolyn Iltis, Department of Physics, University of San Francisco, San Francisco, California 94117. Reservation forms, complete program information, and the 1973 ballot will be mailed in the fall. The tentative program sessions are given at the end of the Newsletter. For changes and deletions please contact Prof. Churchill immediately. Owing to the large interest in giving short papers, the number of "Works in Progress" sessions has been increased, and some sessions have been focused on given problems. A number of slots here are being held open for graduate students--interested students should contact Prof. Churchill or the chairperson of the appropriate session by September 10.

TRAVEL FUND APPLICATIONS FOR XIVth INTERNATIONAL CONGRESS OF THE HISTORY OF SCIENCE (TOKYO-KYOTO, AUGUST 17-27, 1974)

A very limited amount of travel funds will be available for participants in the forthcoming 1974 International Congress in Japan. Those wishing to make application for travel assistance should write for forms to Dr. Henry David, Assembly of Behavioral and Social Sciences, National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418. It is understood in general that to qualify for funds a participant must deliver an invited or contributed paper, chair a session, or the like. Forms should be returned to Dr. David as soon as possible.

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 thirty History of Science Departments and to individuals upon request. Non-members may subscribe to the Newsletter for \$5.00 per year. News should be submitted to Dr. Roger H. Stuewer, School of Physics and Astronomy, University of Minnesota, Minneapolis 55455. Other inquiries should be addressed to the Isis Editorial Office, Smithsonian Institution, Washington, D.C. 20560.

NEW HSS FULFILLMENT AGENCY

The HSS has recently negotiated a contract with The Williams & Wilkins Company as its fulfillment agency, and therefore changes of address, payments of dues, and the like should be sent to: History of Science Society, Business Office, 428 E. Preston Street, Baltimore, Maryland 21202.

COMMITTEE ON ISIS

The Committee on Isis solicits the comments and suggestions of members of the HSS as to ways in which the Society's journal can be made more useful to members and to advancing our understanding of the history of science. Suggestions may be addressed to the Chairman of the Committee, Dr. Paul Forman, Department of Science and Technology, Smithsonian Institution, Washington, D.C. 20560.

ADVERTISEMENTS IN ISIS

Information on prospective advertisers in Isis should be communicated on a continuing basis to the Editor, Dr. Robert P. Multhauf, Isis Office, Smithsonian Institution, Washington, D.C. 20560.

RADICAL HISTORIANS OF SCIENCE CAUCUS

David Kubrin and Carolyn Iltis state that several people have been informally talking about the need for a radical caucus of the HSS to raise and explore critical questions about the American social structure, and to relate these questions to the role science has played in the development of American institutions and ideology. Those interested in learning more about the kinds of issues a radical caucus could study, or those interested in getting together informally at the San Francisco annual meeting to discuss the formation of a radical caucus, should write to Radical Historians of Science Caucus, 455 Frederick Street, San Francisco, California 94117.

CENTENNIAL CELEBRATION OF ANDERSON SCHOOL OF NATURAL HISTORY (AUGUST 13-18, 1973)

The Centennial Commemoration of the Founding of the Anderson School of Natural History on Penikese Island by Louis Agassiz will be held at Woods Hole and Penikese Island, Massachusetts, August 13-18, 1973. The program includes: evening lectures on August 13, 14, 15, and 17 by Professors A.S. Romer, E. Mayr, E. Lurie, and J. Baer; a symposium on the history of the period on August 14 chaired by H. Burstyn with papers and commentaries by Professors Coleman, Loewenberg, Windsor, Holmes, Gould, Allen, J. Burstyn, and Kohlstedt; and symposia on island biology on August 15 and 17. For further information contact Dr. D.J. Zinn, General Chairman, Anderson School Commemoration Committee, Dept. of Zoology, University of Rhode Island, Kingston, R.I. 02881.

MIDDLE ATLANTIC REGIONAL MEETING OF AMERICAN CHEMICAL SOCIETY (APRIL 24-26, 1974)

The 9th Middle Atlantic Regional Meeting of the ACS will be held in Wilkes-Barre, Pennsylvania, April 24-26, 1974. Since 1974 is the 200th Anniversary of the discovery of oxygen by Joseph Priestley, an excursion to the Priestley home in Northumberland is planned, as well as key-note addresses on Priestley's contributions to chemistry, and the presentation of the National ACS Priestley Medal. Dr. Ned D. Heindel, Department of Chemistry, Lehigh University, Bethlehem, Pa. 18015, is organizing an open-papers' session on the History of Chemistry, and is soliciting contributions for a January 15, 1974, deadline. Three copies of the abstract on

standard ACS abstract forms, which may be obtained from either the ACS Washington office or from The General Program Chairman, Dr. B.R. Willeford, Department of Chemistry, Bucknell University, Lewisburg, Pa. 17837, are required. Completed abstracts should be mailed to either Dr. Willeford or to Dr. Heindel.

REPORT ON UNIVERSITY OF WINNIPEG COPERNICUS CELEBRATION
(JANUARY 15-16, 1973)

The University of Winnipeg, which has a rapidly growing enrollment in history of science classes offered by Professors David Dyck, Arthur Donovan, Wesley M. Stevens, and David Topper, celebrated Copernicus' birth on January 15-16, 1973, with two lectures by Dr. Paul W. Knoll (University of Southern California) entitled "The Young Copernicus and His World" and "Polish Humanism at the Time of Copernicus." These lectures were followed by a lecture by Dr. Wilhelmina Iwanowska, Director of the Planetarium at Toruń, Poland, sponsored by the Astronomy Society of Winnipeg. Professors Dyck (History) and Donald Kydon (Physics) recently assisted in obtaining an enlarged telescope for the Winnipeg Planetarium; and Professor Kydon recently received the Robson Award for Excellence in Teaching.

REPORT ON UNIVERSITY OF BRUSSELS COMMEMORATIVE COPERNICUS
CONFERENCE (APRIL 4, 1973)

Professor Jean Pelseneer reports that a Commemorative Copernicus Conference was held at the University of Brussels, Belgium, on April 4, 1973, under the auspices of the Institut interuniversitaire pour l'Etude de la Renaissance et de l'Humanisme. Two films were shown and five lectures, which will be published in bookform, were delivered by professors affiliated with three Belgian universities. An exhibition devoted to Copernicus and organized with the help of the Polish Embassy was also on display; and His Excellency the Ambassador of Poland attended the Conference.

REPORT ON NATIONAL ACADEMY OF SCIENCES-SMITHSONIAN INSTITUTION
COPERNICUS SYMPOSIUM (APRIL 22-26, 1973)

The National Academy of Sciences and The Smithsonian Institution, in cooperation with the Copernicus Society of America and the U.S. National Commission for UNESCO, commemorated the birth of Copernicus by presenting an international symposium on "The Nature of Scientific Discovery" on April 22-26, 1973, in Washington, D.C. The Honorary Chairman of the symposium was Janusz Groszkowski of the Polish Academy of Sciences, and the program included presentations on April 23 by A. Rupert Hall ("Introductory remarks"), Owsei Temkin ("Science and Society in the Age of Copernicus"), Charles Eames ("The Age of Copernicus"), Heiko Oberman ("Reformation and Revolution"), and Jacob Bronowski ("Copernicus as a Humanist"); on April 24 by Stephen Toulmin ("Introductory remarks"), Gerald Holton ("Conditions for the Rise and Fall of Science"), and Werner Heisenberg ("Tradition in Science"); and on April 25 by Owen Gingerich ("Introductory remarks"), Maarten Schmidt ("Quasars and The Universe"), and John Archibald Wheeler ("The Universe as Home for Man"). Dr. Gingerich will serve also as editor of the proceedings, The Nature of Scientific Discovery, to be made available by the Smithsonian Press.

REPORT ON MEDIEVAL SCIENCE COLLOQUIUM (MAY 18-20, 1973)

The Third Medieval Science Colloquium was held at Raleigh/Chapel Hill/Durham, North Carolina, on May 18-20, 1973. Papers or discussions of work in progress were presented by Brian Stock (Pontifical Institute of Medieval Studies), Betty Jo Dobbs (University of North Carolina), Nicholas Steneck (University of Michigan), Joan Cadden (Harvard University), Edward Mahoney (Duke University), Thomas Brewer

(University of Oklahoma), Karen Reeds (Harvard University), and Edward McCarthy (CUNY). The program and arrangements for the meeting were prepared by Edith Sylla (North Carolina State University) and Michael McVaugh (University of North Carolina).

REPORT ON INSTITUTE ON MAN AND SCIENCE PROGRAM (JULY 1-5, 1973)

A Public Program on the theme "Classical Greece/Contemporary America: Comparing Key Problems and Prospects," which was supported by the National Endowment for the Humanities, was held at The Institute on Man and Science, Rensselaerville, New York 12147, from July 1-5, 1973. The faculty included William Arrowsmith (Boston University), W.R. Connor (Princeton University), Charles DeCarlo (Sarah Lawrence College), John R. Everett (New School for Social Research), Eric A. Havelock (Yale University), Harold Martin (Union College), Paul Reynolds (Wesleyan University), and Samuel Seigle (Sarah Lawrence College).

WEST COAST LAZZARONI ELECTIONS

Lawrence Badash reports that the outcome of the recent West Coast Lazzaroni Board of Directors' election was as follows: Judith R. Goodstein (Caltech), 3 year term; Margaret J. Osler (Harvey Mudd College), 2 year term; Judith Grabiner (California State College, Dominguez Hills), 1 year term. This election was necessitated by the retirement of the past Board of Directors (Carolyn Iltis, Carroll Pursell, Lawrence Badash), and in the future one person will be elected each spring for a term of three years.

CENTRE D'HISTOIRE DES SCIENCES ET DES TECHNIQUES, UNIVERSITÉ DE LOUVAIN

Professor J.E. Opsomer, Secretary, Centre d'Histoire des Sciences et des Techniques, Université de Louvain, Herbert Hooverplein 11, B-3000 Louvain, Belgium, reports that the Centre was established in 1970 under the Chairmanship of Professor J. Mogenet. Its members are affiliated with several Faculties of the University, and its aims are to conduct studies in the history of science, medicine, agriculture, and technology, with no limitations of period or country, and to organize study meetings, lectures, and colloquia. In 1972 Professor G. Thinès, winner of the 1971 Francqui Prize, and Mrs. D. Thinès, Dr. Sc., began editing the collection Epistèmè. Textes fondamentaux de l'histoire des sciences et des techniques, which consists of facsimile republications of scientific and technical books, with introduction, notes and commentaries, glossaries, etc. Two works have already appeared: (1) Leçons sur la philosophie chimique and Essai de statique chimique des êtres organisés by J.B. Dumas. Introduction by Albert Bruylants. BF 960; and (2) L'hypothèse de l'atome primitif and L'hypothèse de l'atome primitif et le problème des amas de galaxies by G. Lemaitre. Introduction by O. Godart. BF 640. A third work is in press: (3) Dictionnaire historique de la médecine ancienne et moderne by N.F.J. Eloy (1778). Introduction by F.A. Sondervorst.

JOHNS HOPKINS UNIVERSITY B.A. PROGRAM

The Department of the History of Science, Johns Hopkins University, Baltimore, Maryland 21218, will be introducing in 1973-74 a new program leading to the B.A. degree with a major in Science and History. The object of this program will be to provide undergraduates with training both in the sciences and history, thus enabling them to understand and to deal with the conceptual and institutional nature of modern science and medicine.

UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE MAJOR

The Department of History and Sociology of Science, University of Pennsylvania, Philadelphia 19174, has recently announced the establishment of a new undergraduate major in the history and sociology of science effective July 1, 1973, which is intended for students who seek an understanding of the nature and dynamics of modern science and technology and of their cultural and social impact.

DARWIN BOOKS AND LETTERS GIVEN TO CLEVELAND
MEDICAL LIBRARY ASSOCIATION

Mrs. Robert M. Stecher of Lakewood, Ohio, has given her late husband's historical collections to the Cleveland Medical Library Association of the Cleveland Health Sciences Library. For many years Dr. Robert M. Stecher (1896-1972) had collected material by and about Charles Darwin. When he died, his collection contained 152 items in various editions by Darwin, 59 books about Darwin and Darwinism, as well as numerous pamphlets, centennial celebration publications, programs, photographs, and other memorabilia concerning Darwin and his family. Of particular importance are the 134 holograph letters by Darwin, many of them unpublished, and the 45 letters written by friends or members of his family. Other important items in the more than 300 volume Stecher collection are first editions of the writings of Stephen Hales and of Thomas Robert Malthus. The Cleveland Medical Library Association plans to publish an annotated checklist of the Darwin letters. The collection will be housed in a specially designed room adjacent to the Howard Dittrick Museum of Historical Medicine.

SMITHSONIAN ARCHIVAL ACCESSIONS ON ENTOMOLOGY

The Smithsonian Institution Archives has recently accessioned the records of the Department of Entomology and its predecessor offices in the United States National Museum for the years 1878 - 1967. These records document the growth of the national collection of insects and the development of systematic and economic entomology in the United States. In addition, the archives has accessioned numerous collections of professional papers of members and affiliates of the museum staff. Finally, some papers of persons not associated with the National Museum but important in the field of entomology have been added. This group includes papers of Asa Fitch (1827 - 1872), Townend Glover (ca. 1850 - 1878), Benjamin Dann Walsh (1860 - 1869) and John Obadiah Westwood (1816 - 1896).

NATIONAL ARCHIVES GUIDE TO CARTOGRAPHIC RECORDS

The National Archives recently announced publication of the Guide to Cartographic Records in the National Archives (clothbound; xi & 444 pp.). The GUIDE describes over 1,500,000 maps and related items compiled or collected by more than 120 Federal agencies from the Revolutionary War to the present. Copies may be obtained from the U. S. Government Printing Office, Washington, D.C. 20402, for \$3.25 each.

HAFFKINE MEMORIAL

On September 21, 1972, at the Institut Pasteur in Paris, Professor Jacques Monod, Director and Nobel Laureate, unveiled a plaque in honor of Waldemar Mordecai Haffkine (1860-1930), discoverer there in 1892 of the first successful anti-cholera vaccine. Other speakers at the ceremony were Professor A. Delaunay, Professor Rene Cassin, who was also host at an evening reception, and Mrs. Edythe Lutzker,

who is currently writing a full-length biography of Haffkine, and who also spoke at the Grant Medical College in Bombay on August 17, 1971, when a plaque honoring Haffkine was unveiled by V.V. Giri, President of India. For further information, including information on Mrs. Lutzker's recent books, please contact her at 201 West 89 Street, New York, N.Y. 10024.

NEW NATIONAL HISTORIC CIVIL ENGINEERING LANDMARKS

The following are new National Historic Civil Engineering Landmarks designated by the American Society of Civil Engineers: (1) the Buffalo Bill Dam, completed in 1910 and located near Cody, Wyoming; (2) the Starrucca Viaduct, built in 1848 and located at Lanésboro, Pennsylvania; and (3) the Camptonville, California, site where L.A. Pelton developed the first successful impulse water wheel during the winter of 1877-78.

AWARDS AND HONORS

Thomas S. Kuhn, Professor of the History of Science at Princeton University, received an honorary doctoral degree from the University of Notre Dame in its May 1973 commencement ceremonies.

Lynn T. White, Jr., Past President of the HSS, has become the first representative of the humanities at the University of California at Los Angeles to be designated by the Regents as a University Professor.

FELLOWSHIPS AND GRANTS

The American Council of Learned Societies (ACLS) recently awarded eighty-six post-doctoral fellowships for research in the humanities and related social sciences to scholars in fifty-five colleges and universities. Included were the following: (1) John Robert Christianson, Professor of History, Luther College: "Tycho Brahe and the emergence of modern science"; (2) Roger Hahn, Associate Professor of History, University of California, Berkeley: "A biography of Pierre-Simon Laplace"; (3) Jasper S. Hopkins, Jr., Associate Professor of Philosophy, University of Minnesota: "Nicholas of Cusa's role in the development of Renaissance philosophy"; (4) Heather N. Lechtman, Assistant Professor of Humanities and Metallurgy and Materials Science, Massachusetts Institute of Technology: "Site survey of pre-Columbian metallurgical sites in Peru, Bolivia, and Chile"; (5) Alfred F. McKay, Assistant Professor of Philosophy, Oberlin College: "Investigations into the concepts of rationality"; (6) H. Lewis McKinney, Associate Professor of History, University of Kansas: "A biography of Alfred Russel Wallace"; (7) Alexander P. D. Mourelatos, Professor of Philosophy, University of Texas: "Philosophy of the Early Greek atomists"; and (8) Richard N. Price, Associate Professor of History, Northern Illinois University: "A study of the economic, social, and technological influences on the development of the British working-class movement, 1850-1914."

The ACLS also recently awarded Grants-in-Aid to one hundred and five scholars from seventy-nine academic institutions for post-doctoral research in the humanities and related social sciences. Included were the following: (1) Charles B. Dew, Professor of History, University of Missouri-Columbia: "The black ironworker in the American South, 1800-1870"; (2) George E. Hopkins, Assistant Professor of History, Western Illinois University: "American reaction to the tactics and weapons of wartime terror"; (3) Margaret C. Jacob, Assistant Professor of History, City University of New York, Baruch College: "The social context of

Newtonianism"; (4) Robert H. Johnston, Professor of Fine and Applied Arts, Rochester Institute of Technology: "Ceramic Technology in the Ancient World"; (5) Daniel J. Kevles, Associate Professor of Humanities and Social Sciences, California Institute of Technology: "A history of science in the United States during World War II"; (6) Giorgio Tonelli, Professor of Philosophy, State University of New York, Binghamton: "History of the text of the Oeuvres of Maupertuis"; (7) Sabetai Unguru, Assistant Professor of the History of Science, University of Oklahoma: "Pappus in the 13th century in the Latin West"; and (8) Walter D. Wetzels, Assistant Professor of Germanic Languages, University of Texas: "The Works of Johann Wilhelm Ritter."

APPOINTMENTS AND PROMOTIONS

William Coleman has been appointed Professor of the History of Science at Johns Hopkins University, effective July 1, 1973.

Michael J. Crowe has been promoted to Professor in the General Program of Liberal Studies and the Graduate Program in History and Philosophy of Science at the University of Notre Dame.

C. Stewart Gillmor has been promoted to Associate Professor of History and Science at Wesleyan University, effective January 1, 1973.

Janice A. Henderson has been appointed Assistant Professor in the History Department of the City University of New York, Queens College.

Robert E. Kohler, Jr. has been appointed Assistant Professor in the Department of History and Sociology of Science at the University of Pennsylvania, effective July 1, 1973.

Camille Limoges has been appointed Director of the Institut d'Histoire et de Sociolopolitique des Sciences of the Université de Montréal, effective July 1, 1973.

Kenneth O. May has been appointed Director of the Institute for the History and Philosophy of Science and Technology at the University of Toronto, and at the same time will continue his cross-appointment with the Department of Mathematics. He succeeds John W. Abrams, founder and first Director of the Institute, who is retiring from the directorship after serving his five year term. Professor Abrams will continue his affiliations with both the Institute and the Faculty of Engineering at the University of Toronto.

Peter Niebyl of the Institute of the History of Medicine at Johns Hopkins University has been appointed Assistant Professor of the History of Science at the same University, effective July 1, 1973.

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.

Johns Hopkins University

Barbara G. Doran, "Joseph Larmor and the Roots of Modern Physics" (completed).

Gerrylynn K. Roberts, "The Royal College of Chemistry: A Social History of Chemistry in Early Victorian England" (completed).

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, 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.

JOB OPENINGS

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. The Society, of course, can assume no responsibility for the accuracy or currency of the listings.

1. Johns Hopkins University, Baltimore, Maryland 21218.

Position: Assistant Professor of the History of Science beginning fall semester 1974.

Status: The Dean has authorized the consideration of applications.

Specialties: The Department is prepared to be flexible regarding research area, but is particularly interested in candidates with training in the history of the behavioral sciences or of modern biology.

Note: The Johns Hopkins University especially welcomes applications from women and members of minority groups.

Contact: Professor Robert Kargon, Chairman, History of Science Department.

2. University of Pennsylvania, Philadelphia, Pennsylvania 19174.

Position: Visiting Assistant Professor of the History and Sociology of Science for spring semester 1974.

Status: Definite.

Specialties: Prefer historian of psychology or historian of sociology.

Contact: Professor Arnold Thackray, Chairman, Department of History and Sociology of Science.

3. University of Sussex, Sussex House, Falmer, Brighton, Sussex, BN1 9RH, England.

Position: Lecturer in History and Social Studies of Science from October 1, 1973, or as soon after as possible.

Status: Definite. The post may be filled on either a permanent or temporary basis.

Specialties: Applicants should be able to join in teaching interdisciplinary courses in the historical, sociological, philosophical or anthropological aspects of science, and should have significant research experience.

Note: Salary in the scale £1764 - £4299 per annum with FSSU benefits.

Contact: Secretary of Science, Science Office (E), University of Sussex, for application forms and further particulars. Completed forms requested to be returned by June 22, 1973.

4. Glendon College, York University, 2275 Bayview Avenue, Toronto 317, Ontario, Canada.

Position: Lecturer or Assistant Professor of the History and/or Sociology of Science beginning July 1, 1973. Ph.D. degree or equivalent is desirable, though candidates in the process of completing the Ph.D. degree will be considered.

Status: Definite.

Specialties: None given other than above.

Note: Candidates should be francophone, or capable of teaching in French. Where qualifications are equal, preference will be given to Canadian citizens.

Contact: Professor Alain Baudot, Directeur, Etudes pluridisciplinaires.

CORRECTION

An item appearing on page 5 of the last Newsletter should be corrected to read: Dr. James H. Cassedy has compiled a 21 page list of scholars carrying out research in the history of medicine. Copies of this list, which will be issued biennially, may be obtained from Dr. Genevieve Miller, Secretary-Treasurer, Cleveland Medical Library, 11,000 Euclid Avenue, Cleveland, Ohio 44106.

1973 HSS ANNUAL MEETING (SAN FRANCISCO) TENTATIVE PROGRAM SESSIONS

I. Evolutionary Epistemology and the History of Science--A Critique of Toulmin's Human Understanding. Noretta Koertge (Indiana University), Chairwoman.
Richard S. Westfall (Indiana University).

David Hull (University of Wisconsin, Milwaukee).

Stephen Toulmin (University of California at Santa Cruz), "The Evolution of Natural Science: Further Thoughts."

II. The History of Science and the History of Technology in the Undergraduate Curriculum (jointly with SHOT). W. David Lewis (Auburn University), Chairman.

Harold Sharlin (Iowa State), "Science and Anti-Scientism."

John Beer (University of Delaware), "Let Them Eat Cake: What Undergraduates Say They Want in the History of Technology or Science and What They Ought to Get."

Commentators: John Heilbron (University of California at Berkeley) and Merritt Roe Smith (Ohio State University).

III. Women, Technology, and Social Change (jointly with SHOT). Anthony N.B. Garvan (University of Pennsylvania), Chairman.

Carroll Pursell, Jr. (University of California at Santa Barbara), "Sex, Socialization, and American Technology, 1920-1940."

Ruth Cowan (SUNY at Stony Brook), "Household Technology and Women: A Case Study in Technological Determinism."

Commentator: Gaye Tuchman (Queens College, CUNY).

IV. Chemistry and the Concept of Science in the Eighteenth Century (jointly with AHA). Robert Siegfried (University of Wisconsin, Madison), Chairman.

Arthur Donovan (University of Illinois, Chicago Circle), "Chemistry in Great Britain: Newton Among the Improvers."

Jean-Claude Guedon (York University, Toronto), "Chemistry in the French Enlightenment."

Commentators: Frederic L. Holmes (University of Western Ontario) and Keith Baker (University of Chicago).

V. The Impact of Science Within Theology in the Latin Middle Ages. John E. Murdoch (Harvard University), Chairman.

Edward Grant (Indiana University).

Brian Stock (Pontifical Institute of Medieval Studies).

Edith Sylla (North Carolina State).

VI. Form and Function: Women as the Object of Scientific Study. Barbara Gutmann Rosenkrantz (Harvard University), Chairwoman.

Elizabeth Fee (SUNY at Binghamton), "Mothers and Matriarchies in 19th Century Anthropology."

Diana Long Hall (Boston University), "Endocrinology and Sexuality: The First Fifty Years."

Peter Buck (Harvard University), "Parcelling Out the Work: Women and Durkheim's Division of Labor."

Joan N. Burstyn (Carnegie-Mellon University), "Regulations and Gymnastics: The Educator's Response to Scientific Studies of Women (1870-1900)."

Commentators: Mina Davis Caulfield (University of California at San Francisco), Robert Kohler (University of Pennsylvania), Martha Verbrugge (Harvard University), and Audrey Davis (Smithsonian Institution).

VII. History of Mathematics. Judith Grabiner (California State College), Chairwoman.

Part I: The Making of Modern Mathematics.

Michael Mahoney (Princeton University), "Algebra and Analysis in the 17th Century."

Uta Merzbach (Smithsonian Institution), "Leibniz and 19th-Century Mathematics."

Thomas Hawkins (Boston University), "Cayley and the Matrix Theory of the 19th Century."

Part II: The State of the Profession.

Kenneth May (University of Toronto), "The Invisible University of the History of Mathematics Becomes Visible."

Part III: Work in Progress in the History of Mathematics.

Asger Aaboe (Yale University), "General Problems Concerning the Corpus of Babylonian Astronomical Texts."

Stephen Regoczei (University of Toronto), "Infinitesimals are not Indivisibles are not Vanishing Quantities."

Kenneth R. Manning (Harvard University), "Hyperbolic Functions and Power Series."

Joseph Dauben (Herbert Lehman College, CUNY), "The Philosophy of Georg Cantor's Theory of Transfinite Numbers."

VIII. Defining Darwinism and Measuring its Influence: Problems and Issues. Harry W. Paul (University of Florida), Chairman.

John C. Greene (University of Connecticut), "The Problem of Defining Darwinism."

James A. Rogers (Claremont Men's College), "Problems and Issues in Studying the Influence of Darwinism."

Commentators: Mark Adams (University of Pennsylvania), Gertrude Himmelfarb (Brooklyn College), David Hull (University of Wisconsin, Milwaukee), Maxim Mikulak (Stockton State College), Robert Bannister (Swarthmore College), and H. Lewis McKinney (University of Kansas).

IX. Some Reassessments of Galilean Problems. I. Bernard Cohen, (Harvard University), Chairman.

Stillman Drake (University of Toronto), "Kepler's Prodromus and Galileo's Platonic Cosmogony."

Winifred Wisam (Brooklyn College, CUNY), "On Favaro's Defense of Galileo."

Thomas B. Settle (Polytechnic Institute of New York), "On Galileo and Experimentation."

William A. Wallace (The Catholic University of America), "Christopher Clavius: A Source of Galileo's Juvenilia."

X. From Amateur to Professional Scientific Institutions in America, 1870-1930. Nathan Reingold (Smithsonian Institution), Chairman.

J. Kirkpatrick Flack (University of Maryland), "Partners in Professionalism: Laymen, Practitioners, and Washington's Scientific Societies, 1870-1930."

Hamilton Cravens (Iowa State University), "Universities and the Academic Professionalization of American Scientific Disciplines, 1870-1930."

Commentator: Saul Benison (University of Cincinnati).

XI. & XII. Works in Progress in History of Modern Physics: Physics in 1900±13. John Heilbron (University of California at Berkeley), Chairman.

XIII. & XIV. Works in Progress in History of Biology: Foundations of 19th Century Biology (#1 and #2). Richard W. Burkhardt, Jr. (University of Illinois at Urbana-Champaign), Chairman.

Frederic L. Holmes (University of Western Ontario), "Transformation of the Study of Nutrition."

Gerald L. Geison (Princeton University), "Pasteur, Asymmetry and the Nature of Life: Toward a New Perspective on the Vitalist-Mechanist Debate."

Francois Blanchard, Roger Bertrand, and Camille Limoges (University of Montreal), "Institutional Foundations of Biological Research in the 19th Century. A Case Study: The Museum national d'histoire naturelle de Paris, 1793-1914."

Charles A. Culotta (Bryn Mawr University), "Pierre Flourens: Scientist and Political Scientist."

Bernard J. Norton (University of Pittsburgh), "Methodological Foundations of the Pearsonian Biometrical Research Program."

Lindley Darden (Illinois State University) "Darwin and de Vries on Pangenesis."

Herbert H. Odum, "The First Darwinians."

John Farley, "Evolution and Spontaneous Generation."

Peter Vorzimmer (Temple University), "A Rediscovered Darwin Manuscript: The Earliest Outline of the Evolutionary Theory."

Everett Mendelsohn (Harvard University), "Friedrich Wöhler and the Origin of Life."

Other titles to be added--graduate students please contact Prof. Burkhardt by September 10.

XV. Works In Progress--General #1. Harold L. Burstyn (Carnegie-Mellon University), Chairman.

William McGucken (University of Akron), "Influence of the Theory and Practice of Soviet Science on British Scientists in the 1930's."

Alan Richardson (University of Western Ontario), "The History of Medicine and Science in Canada: Challenges and Problems."

Howard Plotkin (University of Western Ontario), "The Role of Edward Charles Pickering in the Development of American Astronomy, 1877-1919."

Henry Small (Institute for Scientific Information), "The Study of the Specialty Structure of Science Using Clustering Techniques."

Paul L. Rose (New York University), "Rediscovered Manuscripts of Bernardino Baldi's Vite de' Matematici."

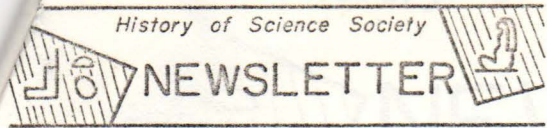
Walter E. Gross (LaGuardia Community College, CUNY), "The Beginnings of Behaviorism in the United States."

Bruce S. Eastwood (University of Kentucky), "Descartes and the Jesuits on Light."

Lawrence S. Lerner and Edward Gosselin (California State University, Long Beach), "Galileo as a Resurrected Bruno: A Challenge to Early 17th-Century Perception."

XVI. Works In Progress--General #2.

Stephen Goldfarb (Spelman College), "Rumford's Theory of Heat--A Reassessment."



NEWSLETTER

Postmaster: Return postage guaranteed.

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

Volume 11, Number 1

April, 1971

Please send all new 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.

1973 ANNUAL MEETING IN SAN FRANCISCO

The annual meeting of the Society will be held jointly with GSW (and in conjunction with the ASA) in the San Francisco Trade Hotel, Emery and Market Streets, San Francisco, California 94102, Thursday-Saturday, December 21-23, 1971. Program Chairman is Prof. Fred S. Churchill, Department of History and Philosophy of Science, Indiana University, Bloomington, Indiana 47401, and local arrangements chairman is Dr. Carolyn Ellis, Department of Physics, University of San Francisco, San Francisco, California 94116. Inquiries, letters, complete program information, and the 1973 policies will be mailed to the Editor. The two nice evening sessions are given at the end of the Newsletter. For changes and relations please contact Prof. Churchill immediately. Owing to the large interest in giving short papers, the number of "Paper in Progress" sessions has been increased, and some sessions have been focused on given problems. A number of slots have been held open for graduate students—interested students should contact Prof. Churchill or the chairperson of the appropriate session by September 31.

TRAVEL FUND APPLICATIONS FOR NINE INTERNATIONAL CONGRESS OF THE HISTORY OF SCIENCE (1973-74), AUGUST 17-27, 1973

A study of the history of science is a central part of the curriculum of the History of Science Society. The Society is pleased to support the study of the history of science in the United States. The Society is pleased to support the study of the history of science in the United States. The Society is pleased to support the study of the history of science in the United States. It is understood in general that participants will deliver or invited or contributed paper, chair a session, or the like. Terms should be returned to Dr. David ...

The Newsletter of the History of Science Society is published in February, May, August, and November, with supplements as follows: ...

PLEASE POST

HISTORY OF SCIENCE SOCIETY NEWSLETTER

Volume II, Number 3--Supplement

August, 1973

NEW JOB OPENING

University of Pennsylvania, Philadelphia 19104

Position: Assistant Professor of the History of Medicine.

Note: This position will be supported by a grant from the Josiah Macy, Jr. Foundation which will enable the Department of History and Sociology of Science and the Medical School of the University of Pennsylvania to continue and extend their cooperative work in the history of medicine. The new faculty member will join a graduate group with considerable strength in the history and sociology of medicine (Whitfield J. Bell, Jr., Renee Fox, Charles Rosenberg) within the context of a department concerned with exploring the interactions of science, technology and medicine.

Contact: Professor Arnold Thackray, Chairman, Department of History and Sociology of Science, E. F. Smith Chemistry Laboratory.

PLEASE POST

PLEASE POST

HISTORY OF SCIENCE SOCIETY NEWSLETTER

Volume II, Number 3 - Supplement 2

October, 1973

NEW JOB OPENINGS

The following new job openings have been brought to the attention of the Secretary of the Society, Dr. Roger H. Stuewer.

1. California Institute of Technology, Pasadena, California 91109.
Description: The Division of Humanities and Social Sciences of the California Institute of Technology is seeking a historian for appointment as a Research Fellow to write the history of the Jet Propulsion Laboratory. Salary dependent upon qualifications and experience. Applicants must have a Ph.D. or expect to meet the requirements for it by the time the appointment begins, which can be as early as January 1, 1974, but no later than September 1974. Training in the history of American science or technology is desirable though not necessary. Applications are specially welcome from women and members of minority groups.
Contact: Professor Daniel J. Kevles, Division of Humanities and Social Sciences.
2. University of Notre Dame, Notre Dame, Indiana 46556.
Position: Assistant Professor in the General Program of Liberal Studies and the Graduate Program in the History and Philosophy of Science, beginning fall 1974.
Status: Definite.
Specialties: Open, but preferably not an historian of 19th century science.
Contact: Professor John Lyon, Chairman, General Program of Liberal Studies.

PLEASE POST