128th Annual Meeting: Program Summary

History and Philosophy of Science (L)

Program chairman: Norwood Russell Hanson, chairman, department of history and logic of science, Indiana University.

All eight sessions of the program of Section L are cosponsored by the American Philosophical Association and the Philosophy of Science Association.

Tuesday 26 December


Wednesday 27 December


Thursday 28 December

Induction, and Vice Presidential Address. Wolfgang Yourgrau, chairman, department of history and methods of science, Smith College, will preside. A probabilistic view of formation of concept and of association, Satosi Watanabe. Discussant: Herbert Feigl. Vice presidential address of section L. Scientists and logicians: a confrontation, Norwood Russell Hanson, professor of philosophy, Indiana University; vice president of Section L.

Section L Luncheon. Arranged by David Hawkins, University of Colorado.

Second George Sarton Memorial Lecture. Sponsored by the George Sarton Memorial Foundation. Chauncey D. Leake, retiring president, AAAS, presiding. The international geophysical year, Joseph Kaplan, University of California, Los Angeles.

Friday 29 December


Saturday 30 December


American Philosophical Association

The American Philosophical Association is a cosponsor of the entire program of Section L—History and Philosophy of Science.

Philosophy of Science Association

Friday 29 December


The Philosophy of Science Association is a cosponsor of the entire program of Section L—History and Philosophy of Science.

Society for General Systems Research

Friday 29 December


Industrial Science (P)

Tuesday 26 December

Industrial Science Award Presentation. Allen T. Bonnell, vice president, Drexel Institute of Technology, will preside. Presentation of award by S. O. Morgan, Bell Telephone Laboratories, Murray Hill, New Jersey.
Wednesday 27 December

Luncheon Meeting and Vice Presidential Address. S. O. Morgan, presiding, Speaker, J. A. Hutcherson, vice president engineering, Westinghouse Electric Corporation; retiring vice president for Section P.

Section P is a cosponsor of the symposium of the Institute of Management Sciences.

Education (Q)

Tuesday 26 December

Joint Session of AAAS Section Q—Education and the Council for Exceptional Children, arranged by Louis A. Fliegler, University of Denver, who will preside. The realism of level of aspiration of mentally handicapped children, James Lent. A study of personality, value, and interest patterns of student teachers in the areas of elementary, secondary, and special education, Marion Phillipus and Louis A. Fliegler. An empiricist’s approach to research with exceptional children, Joseph E. Spradlin. The dynamics of intellectualization with the gifted, Edwin Richardson. An investigation of the body image in secondary stutterers as revealed through self drawings, Joseph Fitzpatrick.

Wednesday 27 December

A second Joint Session of AAAS Section Q—Education and the Council for Exceptional Children, arranged by Louis A. Fliegler, University of Denver. Norris Haring, University of Kansas, will preside. An investigation of the Syracuse sociometric scale for assessing social needs of mentally retarded children, Barbara Edmonson. A study of the qualities and qualifications desired in teachers of the gifted, Alice Hayden. Problems of classroom adjustment of Indian children to public school classrooms in the Southwest, Miles Zintz. Recent research findings on creativity, Calvin Taylor.

Friday 29 December

Contributed Papers I, Vice Presidential Address, and Business Meeting, arranged by Herbert A. Smith, University of Kansas. H. Craig Sipe, George Peabody College, will preside. The application of discriminative function to problems in science education, Kenneth E. Anderson. Twelve yearly studies of television, Paul Witty.

Vice Presidential Address of Section Q. Herbert A. Smith will preside. Imperatives of curriculum research and development, William H. Bristow, director, Bureau of Curriculum Research, Board of Education of the City of New York; vice president for Section Q.

Business Meeting of Section Q. William H. Bristow will preside.


Saturday 30 December


Contributed Papers II, arranged by Herbert A. Smith, University of Kansas. Joseph D. Novak, Purdue University, will preside.


Contributed Papers III, arranged by Herbert A. Smith. William H. Bristow, Board of Education, City of New York, will preside.

AAAS Cooperative Committee on the Teaching of Science and Mathematics (Q1)

Wednesday 27 December


Program notes for the other sections have appeared in previous issues of Science: “Chemistry” and “Mathematics and Related Programs,” 27 October, page 1376; “Physics” and “Astronomy,” 3 November, page 1438; “Agriculture” and “Geology and Geography,” 10 November, page 1534; “Zoological Sciences,” “Botanical Sciences,” “Medical Sciences,” “Dentistry,” and “Pharmacy,” 17 November, page 1630; and “Anthropology,” “Psychology,” and “Social and Economic Sciences,” 24 November, page 1700.

On page 1720 of this issue appears a coupon which readers can mail in to obtain hotel reservations for the annual meeting.

Elementary School Science, arranged by John R. Mayor, AAAS. Thomas S. Hall, department of zoology, Washington University, will preside. Reports on programs for the development of course content in elementary science. Speakers: J. A. Cooley, department of mathematics, University of Tennessee; Philip G. Johnson, Science Education Section, Cornell University; Robert Karplus, department of physics, University of California, Berkeley; and Stanley P. Wyatt, department of astronomy, University of Illinois.

Friday 29 December


Science Service

Friday 29 December


Science Teaching Societies

Affiliated with AAAS


The science teaching societies affiliated with the AAAS first met jointly in Washington, D.C., in 1948, the year of the AAAS centennial, and have done so every year since then. The occasion serves as the annual meeting of ANSS and NABT, the annual symposium of NARST, and the winter regional meeting of NSTA. In addition to one or more joint general sessions, the coordinated program is designed to provide separate meetings for each society and other functions cosponsored by two or more of the societies.

Program Coordinator: Sam S. Blanc, coordinator of instruction, Denver Public Schools, Denver.

Wednesday 27 December


Studies in Teacher Education, AAAS Cooperative Committee and NARST, arranged by John R. Mayor, AAAS, who will preside.

Annual NABT Luncheon and Address. Paul Webster, president, NABT, will preside. The biology of nuclear war, Bentley Glass, chairman BSCS; Johns Hopkins University.


Nature Study Around the World


Elementary School Science. Program of the AAAS Cooperative Committee on the Teaching of Science and Mathematics, arranged by John R. Mayor, AAAS.

Coffee Hour: Joint mixer. All science teaching societies.

Thursday 28 December


Accent on Investigating, part II: New Teaching Opportunities. NABT. Clarence J. Goodnight, Purdue University; first vice president, NABT, will preside. Programmed teaching in biology, Chester A. Lawson. Utilization of AIBS films
and the television course of Learning Resources Institute, John K. Bodel. Biology and team teaching, Robert H. Johnson.


NABT Presidential Address. Muriel Beuschlein, Chicago Teachers College, Chicago, president elect, NABT, will preside. The biology teacher and his association, Paul Webster, Bryan City Schools, Bryan, Ohio; president, NABT.


Annual Showing of Kodachromes. John Wanamaker, Principia College, Elsah, Ill., will preside.

Friday 29 December


Session III: Vistas of Space Science. Program of NSTA, cosponsored by the National Aeronautics and Space Administration. Lavar L. Sorensen, science supervisor, Salt Lake City Schools, will preside. Modern space science, Nelson Spencer, National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Md. Teaching materials and techniques in space science, J. Nem, Bernardo, assistant director, Office of Technical Information and Educational Programs, National Aeronautics and Space Administration, Washington, D.C.

Research Symposium. NARST, arranged by Miss Edith M. Selberg, Colorado State College. Herbert A. Smith, University of Kansas; president NARST, will preside. Educational implications of creative research findings, Calvin M. Taylor. Creativity in scientific research, Edward U. Condon.

Biology Film Showing. NABT. Richard Fox, Richwoods Community High Schools, Peoria Heights, Ill., will preside. Living biology film series and program. Roman Vihnia, New York.


Saturday 30 December


Session IV: Vistas of Science Curriculum. NSTA. Joseph A. Struthers, vice-president, Colorado Science Teachers Association, Colorado Springs, will preside. The NSTA curriculum study plan, Donald G. Decker, dean of the college, Colorado State College, Greeley. NSTA findings from film research program, Henry Angelino, College of Education, University of Oklahoma.


Science in General (X)

Academy Conference

Wednesday 27 December

Breakfast Meeting of the Executive Committee.

Business Meeting and Discussion of Activities. Robert C. Miller, California Academy of Sciences; president, Academy Conference, will preside.


Academy Conference Dinner and Presidential Address. John G. Arnold, Jr., retiring president, Academy Con-
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Wednesday 27 December


National Association of Science Writers

Wednesday 27 December

Business Meeting. Victor Cohn will preside.

Annual Dinner and Announcement of AAAS-Westinghouse Science Writing Awards. Victor Cohn will preside.

Scientific Research Society of America

Friday 29 December


Sigma Delta Epsilon Graduate Women's Science Fraternity

Thursday 28 December

Tea for All Women in Science. Ernestine B. Thurman, National Institutes of Health, will preside.

Society of the Sigma Xi

Friday 29 December

Joint Luncheon of the Society of the Sigma Xi and the Scientific Research Society of America.

Sixty-second Annual Convention of the Society of the Sigma Xi. Wallace R. Brode will preside.

Joint Address of the Society of the Sigma Xi and the United Chapters of Phi Beta Kappa. William W. Rubey, member, AAAS Board of Directors, will preside. Science and government, Harrison Brown, professor of geochemistry, California Institute of Technology.

Wilderness Society,
Wildlife Management Institute, and Wildlife Society

These societies are cosponsors of Section O's symposium, Land and Water Use.

Forthcoming Events

December

12—15. American Soc. of Agricultural Engineers, Chicago Ill. (J. L. Burt, ASAE, 420 Main St., St. Joseph Mich.)

13. American Acad. of Arts and Sciences, Brookline, Mass. (J. L. Oncley, 280 Newton St., Brookline 46)

15—16. Modern Trends in Activation Analysis, College Station, Tex. (R. E. Wainerdi, Activation Analysis Research Laboratory, Texas A. and M. College, College Station)

15—16. Oklahoma Acad. of Science, Stillwater. (D. Buck, Northern Oklahoma Junior College, Tonkawa)

17—18. International Congr. of Comparative Pathology, 9th, Paris, France. (L. Grollet, Comité International Permanent des Congrès de Pathologie Comparée, 63 Avenue de Villiers, Paris 17)

19—23. Inter-American Congr. of Psy-
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