

# Association Affairs

The Cleveland Meeting—December 26–30, 1950

## V—The Programs in Anthropology, Psychology, Education, and the History and Philosophy of Science

THE following programs constitute a fifth portion of the advance information on the 117th Meeting of the AAAS. Part I—**The Annual Science Exposition**, Part II—**The Programs in Mathematics, Physics, Astronomy, and Chemistry** (in part), Part III—**The Programs in Biology and Medicine**, and Part IV—**The Programs in Geology, Geography, Engineering, and the Social Sciences** appeared in *SCIENCE* for October 27 and November 3, 10, and 17.

### PROGRAM OF SECTION H—ANTHROPOLOGY

**Session 1.** Thursday morning, December 28, jointly sponsored by the Society for Research in Child Development; Wayne Dennis, University of Pittsburgh, presiding.

1. "Growth and Body Build: Problems Involved in Studying the Consistency of Body Type in Children," E. L. Reynolds, Antioch College.
2. "Mixture, Flexibility, and Culture Growth." J. L. Angel, Philadelphia.
3. "The Use of Imaginative Behavior for Cross-Culture Comparisons of Children." D. C. McClelland, Wesleyan University.
4. "The Psychological Ecology of the Midwest." R. G. and L. S. Barker and H. F. Wright, University of Kansas.
5. "Mother and Child as an Intercommunicating System." Margaret Mead, American Museum of Natural History.

**Session 2.** Thursday afternoon, December 28, jointly sponsored by the Society for Applied Anthropology; Margaret Mead presiding.

1. "The Analysis of Human Relations with the Interaction Chronograph." E. D. Chapple, E. D. Chapple Co.
2. Discussion.

**Session 3.** Friday morning, December 29, *American Character and the Administration of Native Peoples*, joint session with the Society for Applied Anthropology; John Useem, Michigan State College, presiding.

1. "American Stereotypes and Personality Structure in a Mexican Indian Village." N. D. Humphrey, Wayne University.
2. "Training Americans for Working in Foreign Cultures." E. A. Kennard, Department of State.
3. "The Concepts of Dissociation and Awareness as Factors in Change in the Cross-Cultural Process." E. J. Hall, Jr., Bennington College.
4. "Patterns and Policies of Administration of American Samoa." G. Macgregor, Department of the Interior.

**Session 4.** Friday afternoon, December 29, *Govern-*

*ment and the Administration of Native Peoples*; John Useem presiding (reported last week).

**Session 5.** Saturday morning, December 30, *Linguistics and Anthropological Theory*; Mark Hanna Watkins, Howard University, presiding.

1. "Some Ethnological Theories Tested by Reference to Linguistic Data." J. Greenberg, Columbia University.
2. "What is a Word?" G. A. Reichard, Barnard College.
3. "Linguistics and Meaning." H. L. Smith, Jr., Department of State.
4. "The Aims and Tasks of General Semantics." S. I. Hayakawa, Chicago.

**Session 6.** Saturday afternoon, December 30, contributed papers; James B. Griffin, University of Michigan, presiding.

1. "A Suggested Approach to the Study of some Reservation Communities." E. Friedl, Queens College.
2. "Some Problems of Tlingit Ethnology." Frederica de Laguna, Bryn Mawr College.
3. "Prehistoric Stone Sculptures of the Columbia-Fraser Region." P. S. Wingert, Columbia University.
4. "The Prehistoric Sequence in the St. Louis Area." J. B. Griffin, University of Michigan.
5. "Stratigraphic Excavations at Cahokia and Related Sites." A. C. Spaulding, University of Michigan.
6. "The 'Shinumo'—an Early Formulation of Pueblo Archaeology." V. H. Jones, University of Michigan.

### PROGRAM OF SECTION I—PSYCHOLOGY

**Session 1.** Wednesday evening, December 27, Vice-presidential Addresses of Section I and Section Q—Education, a joint program; Dean A. Worcester, University of Nebraska, secretary, Section Q, presiding.

1. Address of vice president, Section I. Douglas H. Fryer, New York University.
2. Address of vice president, Section Q. Palmer O. Johnson, University of Minnesota.

**Sessions 2–3.** Seminar on *Psychological Research in the Air Force*; Walter F. Grether, Aero Medical Laboratory, Wright-Patterson Air Force Base, presiding.

*Part I.* Thursday morning, December 28.

*Part II.* Thursday afternoon, December 28.

Representation from USAF School of Aviation Medicine, Aero Medical Laboratory, and Human Resources Research Center.

**Session 4.** Thursday morning, December 28, contributed papers; Donald N. Meyer presiding.

1. "Automatic Writing as a Means for Investigating Experimentally Induced Conflicts." P. L. Harriman, Bucknell University.

2. "Observations on Carbon-Dioxide Therapy." C. F. Poole.

3. "Patterns of Anxiety Management Determined by Instrumental Procedure." M. H. Kroutz.

4. "Behavioral Effects of Total Body." E. Furcht-gott, University of Tennessee.

5. "Psychology of Community Participation." L. W. Kay, New York University.

6. "Cooperation between the Cat and the Rat" (motion picture). L. S. Tsai, Tulane University.

7. "Therapeutic Effort and Therapeutic Situation." F. Wyatt, Cushing VA Hospital.

8. "An Investigation of the Background Experiences of Socially Accepted and Rejected Adolescent Boys at Three Economic Levels." M. R. Feinberg, Brooklyn College; and D. H. Fryer, New York University.

**Sessions 5-6.** Seminar on *Psychological Research in the Navy*; J. W. Macmillan, Human Resources Division, Department of the Navy, presiding.

*Part I.* Thursday morning, December 28.

*Part II.* Thursday afternoon, December 28.

Representation from Research Division, Bureau of Naval Personnel; Human Engineering Branch, Special Devices Center, Sands Point, Long Island; Psychology Branch, Naval Research Laboratory; Aviation Psychology Branch, Bureau of Medicine and Surgery; and Human Resources Division, Office of Naval Research.

**Session 7.** Thursday afternoon, December 28, contributed papers on *Physiological Psychology*; Roland C. Davis, Indiana University, presiding.

1. "An Enzyme-Substrate Mechanism in the Eye and CNS which Responds to Stimuli." P. S. Shurrager, Illinois Institute of Technology.

2. "Experiment Investigation of Motor Control in Psychiatric Patients under Stress." R. B. Malmo and C. Shagass, McGill University; D. J. Belanger; and A. A. Smith.

3. "Psychomatics and Psychophysiology: Experimental Studies." J. B. Lacey.

4. "Avoidance Conditioning in Normal Dogs and in Dogs Deprived of Normal Autonomic Functioning." C. Wynne.

5. "Recent Neurological Findings Bearing on Emotion, Sleep and Wakefulness." D. B. Lindsley, Northwestern University.

6. "A Miniature Transmitter for the Broadcasting of Bioelectric Potentials." N. J. Holter, Holter Research Foundation, and J. A. Gengerelli, University of California at Los Angeles.

**Sessions 8 and 9.** Seminar on *Psychological Research in the Army*; Donald E. Baier, Adjutant General's Office, presiding.

*Part I.* Friday morning, December 29.

1. "Human Resources Research in the Army." Harry F. Harlow, Research and Development Division of the General Staff (Logistics).

2. "Personnel Research." Charles I. Mosier, Adjutant General's Office.

*Part II.* Friday afternoon, December 29.

3. "Psychophysiology, Experimental and Clinical Psychology." Charles S. Gersoni, Surgeon General's Office.

4. "Review of Research in Human Resources Relating to the Creation of Effective Combat Forces." Richard Williams, Operations Research Office.

**Session 10.** Friday morning, December 29, Symposium on *The Role of the Frontal Lobes in Behavior*; Roland C. Davis presiding.

*Participants:* Harry F. Harlow, University of Wisconsin; Ward C. Halstead, University of Chicago; Karl Pribram, Yale University; H. H. King; and Hans Lukas Teuber, New York University College of Medicine.

**Session 11.** Friday morning, December 29, Seminar on *Psychological Research in the Public Services*; Harold M. Hildreth, Veterans Administration, presiding.

*Participants:* John C. Eberhart, U. S. Public Health Service; James Mitchell, U. S. Civil Service Commission; Dean R. Brimhall, Civil Aeronautics Authority; Katherine Bain, Children's Bureau, Social Security Administration; John P. Shea, U. S. Department of Agriculture; and H. M. Hildreth, Veterans Administration.

Research summaries will be presented for these other agencies: U. S. Employment Service; U. S. Office of Education; Office of Vocational Rehabilitation; Bureau of Prisons; U. S. Board of Parole, Department of Justice; Gerontology Section, National Heart Institute; and U. S. Coast Guard Academy.

**Session 12.** Friday afternoon, December 29, seminar on *Psychological Research in Industrial Consulting Firms*; Harold A. Edgerton presiding.

**Session 13.** The joint program with Section F—Zoological Sciences and the American Society of Zoologists (symposium on *Genetics and Behavior*) appeared in *SCIENCE* November 10.

#### AMERICAN HOME ECONOMICS ASSOCIATION

**Session.** Thursday afternoon, December 28, *Child Development and Home Economics Education*; Helen Hunscher, Western Reserve University, presiding.

1. "Self-Understanding as a Goal in Education." Arthur T. Jersild, Teachers College, Columbia University.

2. "Interpreting Skeletal Maturity Indicators for Children." Idell Pyle, Western Reserve University.

3. Discussion.

#### PROGRAM OF SECTION Q—EDUCATION

**Session 1.** Tuesday afternoon, December 26, panel on *Visual Performance as Applied by Industrial and Educational Management*; N. Franklin Stump, Bausch & Lomb Optical Co., presiding.

1. "A Medical Experience with Visual Performance in Providing Tangible Returns to Management." Hedwig S. Kuhn, Kuhn Clinic Hospital.

2. "Some Experience with an Industrial Vision Program." J. H. Rapparlie, U. S. Rubber Company.

3. "An Investigation of the Relationship between Visual Performance and Accident Performance of

Street Car Operators." William E. Hoehn, Pittsburgh Railways Company.

4. "The Practical Application of Selective Visual Standards to Certain Occupations." Roger J. Desnoyers, Northern Electric Co., Ltd.

5. "An Analysis of Four Visual Screening Tests at Grades Four to Seven." Helen M. Robinson, University of Chicago.

**Session 2.** Tuesday afternoon, December 26, contributed papers; H. H. Remmers, Purdue University, presiding.

1. "Escape from Chaos: A Program of Integrated Education." Oliver L. Reiser, University of Pittsburgh.

2. "Literature Science: New A.A.A.S. Section?" William F. Hewitt, Jr., Howard University.

3. "Education for Citizenship in a Multi-Culture Society." Stewart G. Cole, National Conference of Christians and Jews.

4. "A Study of Terminal Education in American Universities." Woodson W. Fishback and Douglas E. Lawson, Southern Illinois University.

5. "Setting up of Large-Scale Educational Programs." G. E. Jensen, Grinnell College.

6. "The Role of Song in the Emergence of the Speech and Thought Processes, with Implications for Education." Viola A. Brody, Milwaukee.

**Session 3.** Wednesday morning, December 27, joint session with American Educational Research Association; Arthur E. Traxler, Educational Records Bureau, presiding.

1. "New Concepts in Education." Stuart A. Courtis, University of Michigan.

2. "Selection of Doctoral Candidates in Education." F. H. Finch, University of Illinois.

3. "Adolescents' Interpretations of Emotionally Toned Situations." Alma Long, Purdue University.

4. "Pupils' Interest in Television in Relation to Educational Attainment and Personal Adjustment." Paul A. Witty, Northwestern University.

5. "Test Interpretation with Resistant Students." Dugald S. Arbuckle, Boston University.

**Session 4.** Wednesday morning, December 27, contributed papers; Palmer O. Johnson, University of Minnesota, presiding.

1. "The Differential Effects of Partial and Continuous Reward upon the Acquisition and Elimination of a Running Response in a Two-Choice Situation." J. C. Stanley, Jr., George Peabody College for Teachers.

2. "Sex Differences and Legal School Entrance Age." Frank R. Pauly, Tulsa Public Schools.

3. "Extraordinary Achievements and Serious Shortcomings of Technical Education in America." Arthur L. Williston, Dedham, Massachusetts.

4. "Intelligence as a Factor in the Learning which Results from the Use of Educational Sound Motion Pictures." Herbert A. Smith, University of Nebraska.

5. "The Effect of a Knowledge of Biological and Physical Sciences on Learning in General Psychology." George G. Mallinson, Western Michigan College of Education.

6. "Binaural Recording and Playback—An Audio-Aid for Teacher Preparation Supervisory Practice." John H. Semon, Ithaca, New York.

7. "Willingness to Make Negative Responses as a Measure of Maturity." Warren F. Findley, Educational Testing Service, Princeton, New Jersey.

**Session 5.** Wednesday afternoon, December 27, contributed papers; Francis D. Curtis, University of Michigan, presiding.

1. "A Study of Conservation Education in the United States." Helen B. Ross, Cornell University.

2. "Relation of Teachers' Salaries to Subsequent Economic Progress of States." Vernon Bowyer, Board of Education, Chicago.

3. "The Development and Administration of the State Program of Educational Research." J. Gayce Morrison, The University of the State of New York.

4. "Teaching Procedures in Twenty-Eight Midwestern Colleges and Universities." J. G. Umstadd, University of Texas.

5. "Some Applications of Educational Concepts to Industrial Management." J. Elliott Janney, Rohrer, Hibler & Replege.

6. "Methods of Teaching Science at the Kindergarten and Primary Level." Mary Haga, Minneapolis.

**Session 6.** Wednesday afternoon, December 27, joint session with American Educational Research Association; Palmer O. Johnson presiding.

1. "Evaluation in General Education." Max D. Engelhart, Chicago City Junior College.

2. "Nonverbal Tests in the Measurement of Intelligence." Kenneth W. Vaughn, Rohrer, Hibler & Replege.

3. "Development of Word Recognition Skills—Fourth through Twelfth Grades." Frances Triggs, University of Maryland.

4. "The Age Factor in Personality Appraisal." Sister M. Amatora Tschechtelin, St. Francis College.

5. "Generalizations in Spelling with Special Reference to Methods." Jake J. Hendricks, Education Department, The Macmillan Company.

6. Business Meeting of the section.

**Session 7.** Wednesday evening, December 27, joint session with Section I—Psychology.

**Session 8.** Thursday afternoon, December 28, joint program with Foundation for Integrated Education; symposium on *Integrative Studies for General Education*; Palmer O. Johnson presiding.

1. "Objectives and Nature of Integrative Studies." Kirtley F. Mather, Harvard University.

2. "Teamwork in Building a General Key Concept." Schiller Scroggs, Oklahoma Agricultural and Mechanical College.

3. "The Role of a Biological Field Theory in Education." F. L. Kunz, Foundation for Integrated Education.

4. "Integration in the Sciences." Henry Margenau, Yale University.

5. Discussion.

AAAS COOPERATIVE COMMITTEE ON THE TEACHING OF  
SCIENCE AND MATHEMATICS

**Session.** Saturday morning, December 30; symposium on *Teacher Training and Teachers' Workshops*; Ralph W. Lefler, Purdue University, presiding.

*Speakers:* Francis W. Sears, Massachusetts Institute of Technology; Leonard O. Olsen, Case Institute of Technology; and Russell S. Poor, Oak Ridge Institute of Nuclear Studies.

SCIENCE TEACHING SOCIETIES AFFILIATED  
WITH THE AAAS

The American Nature Study Society, the National Association of Biology Teachers, the National Science Teachers Association, and the AAAS Cooperative Committee on the Teaching of Science and Mathematics have cooperated in the preparation of three joint programs for the mornings of December 27-29:

*Wednesday*—"Outdoor Resources for Learning Science"

*Thursday*—"Human Resources for Learning Science"

*Friday*—"Industrial and Technological Resources for Learning Science"

NATIONAL SCIENCE TEACHERS ASSOCIATION

Other sessions of the National Science Teachers Association begin Wednesday afternoon, December 27, and conclude Friday evening, December 29, with Session II of the Fourth National Conference on Industry-Science Teaching Relations.

NATIONAL ASSOCIATION OF BIOLOGY TEACHERS

Other sessions of the National Association of Biology Teachers begin Wednesday afternoon, December 27, and conclude Saturday with the joint field trip with the American Nature Study Society, led by Arthur A. Allen, Cornell University, Roger Tory Peterson, and others. Included are a luncheon, Thursday, December 28, and a session on "Special Techniques in the Teaching of Biology."

AMERICAN NATURE STUDY SOCIETY

Other sessions of the American Nature Study Society begin Wednesday afternoon, December 27, and conclude with Saturday's all-day field trip to Brecksville Reserve and the South Chagrin Reservation. The ANSS Annual Banquet will be Friday evening; Arthur A. Allen will give an illustrated lecture.

PROGRAM OF SECTION L—HISTORY AND PHILOSOPHY  
OF SCIENCE

**Session 1.** Friday morning, December 29, joint session

with the History of Science Society (which arranged the program) and the Philosophy of Science Association, symposium on *The Social Relations of Science in Historical Perspective*; Richard H. Shryock, The Johns Hopkins University, presiding.

1. "Electrical Science and the Development of the Electrical Manufacturing Industry in the United States, 1875-1900." Harold C. Passer, Princeton University.

2. "The Linkage of Science with its Cultural Matrix." David Hawkins, University of Colorado.

3. "Persecution and Personality in Science History." Mark Graubard, University of Minnesota.

**Sessions 2-5** will be held jointly with the Philosophy of Science Association.

**Session 2.** Friday afternoon, December 29, contributed papers; C. West Churchman, Wayne University, presiding.

**Session 3.** Friday evening, December 29, symposium on *Scientific Method and Psychoanalysis*; George J. Mohr, University of Illinois and University of Chicago, presiding.

**Session 4.** Saturday morning, December 30, symposium on *Methodological Issues in Recent Studies of National Character*; Robert Redfield, University of Chicago, presiding.

**Session 5.** Saturday afternoon, December 30, symposium on *Logic and the Laws of Nature*; Gustav Bergmann, University of Iowa, presiding.

HISTORY OF SCIENCE SOCIETY

The sessions of the History of Science Society begin Thursday afternoon, December 28, and conclude with the Annual Dinner, Friday evening, December 29.

The Preconvention Issue of SCIENCE (December 8) will provide full details with respect to the special sessions, symposia sponsored by the Association and the programs of the AAAS Science Theatre—which will show the latest in domestic and foreign scientific films. The approximately 70 titles in the Science Theatre, arranged in 6 four-hour programs that will be repeated, require a total of 24 hours' projection time. Those interested in visual education will find these sound movies, most of which are in color, very much worth while.

RAYMOND L. TAYLOR

*Assistant Administrative Secretary*

