

Association Affairs

Special Events at the Berkeley Meeting

AAAS Special Sessions

One of the characteristic and most important features of the annual meeting of the Association is the series of outstanding general addresses by distinguished persons, sponsored by organizations that meet regularly with the AAAS. These special events are joint sessions with the Association and are open to the general public of the city in which the meeting is held.

1) Monday, 27 Dec., 8:30 P.M., 155 Dwinelle; *United Chapters of Phi Beta Kappa*: "Our splintered learning and the status of scientists" by Conway Zirkle, professor of botany, University of Pennsylvania, Philadelphia. Peter H. Odegard, chairman, Department of Political Science, University of California, Berkeley, and member of the Senate of the United Chapters of Phi Beta Kappa, will preside.

2) Monday, 27 Dec., 8:30 P.M., Berkeley High School Auditorium; *National Geographic Society*: "Five-star Burma" (illustrated) by W. Robert Moore, chief, foreign editorial staff, National Geographic Society. Wallace W. Atwood, Jr., director, Office of International Relations, National Academy of Sciences-National Research Council, Washington, D.C., and vice president for AAAS Section E, will preside.

3) Tuesday, 28 Dec., 8 P.M., Wheeler Auditorium; *AAAS Presidential Address*: "A half-century of quantum physics" by Edward U. Condon, director of research, Corning Glass Works, and retiring president of the Association. Warren Weaver, director, Division of Natural Sciences and Agriculture, Rockefeller Foundation, and president of the Association, will preside. Preceding the address, Robert Gordon Sproul, president, University of California, and general chairman of the Berkeley meeting, will speak briefly. Following the address there will be an informal AAAS Presidential Reception in the nearby Stephens Union Clubrooms. All registrants and members of the local committees are cordially invited to attend.

4) Wednesday, 29 Dec., 8 P.M., Wheeler Auditorium; *Society of the Sigma Xi*: "High-energy physics" by Edwin M. McMillan, professor of physics, University of California. Joseph W. Barker, director, Research Corporation, and acting president, the Society of the Sigma Xi, will preside.

5) Thursday, 30 Dec., 4 P.M., Wheeler Auditorium; *Pacific Science Board*: "The human background of Pacific science" by Alexander Spoehr, director, Bernice P. Bishop Museum, Honolulu. Knowles A. Ryerson, dean, College of Agriculture, University of California, Berkeley, and past chairman, Pacific Science Board, will preside.

6) Thursday, 30 Dec., 8 P.M., Wheeler Auditorium; *Scientific Research Society of America*: "Science and progress?" by Vannevar Bush, president, Carnegie Institution of Washington. Joseph W. Barker, director, Research Corporation, and chairman, the Scientific Research Society of America, will preside.

AAAS Conferences

In recent years, in addition to the Academy Conference, several conferences have become recurrent events

at AAAS meetings. Also, not infrequently, interest in special subjects may develop to the point where a special program is arranged. These conferences and special programs are open to all who are interested.

1) *Academy Conference*. Two sessions: Monday morning and afternoon, 27 Dec., 33 Dwinelle.

2) *Conference on Scientific Editorial Problems*. Four sessions: Wednesday morning, afternoon, and evening, and Thursday afternoon, 29 and 30 Dec., 125 Hilgard.

3) *Conference on Scientific Manpower*. Two sessions: Tuesday and Wednesday mornings, 28 and 29 Dec., 104 Engineering.

4) *International Conference on Animal Venoms*, sponsored by AAAS Sections F and N. Eight sessions: 4 days, 27-30 Dec., 155 Dwinelle.

5) *Third Berkeley Symposium on Mathematical Statistics and Probability*, arranged by the Statistical Laboratory of the University of California. Ten sessions: 5 days, 27-31 Dec.

AAAS Special Program

The Association, its Cooperative Committee on the Teaching of Science and Mathematics, the Academy Conference, the Engineering Manpower Commission, and the Scientific Manpower Commission are cosponsoring an all-day session, planned as a forum to discuss and to launch an action program to attempt to meet the acute problem of the shortage of qualified science teachers. The morning session will be directed to research scientists; the afternoon, to those interested in the recruiting and training of teachers.

The crisis in science education, part I, Thursday, 30 Dec., 10 A.M., auditorium, Chemistry Building. John R. Mayor, chairman of the Cooperative Committee and chairman of the Department of Education, University of Wisconsin, will preside. (i) "The scientist's responsibility to the science teacher" by George W. Beadle, president elect of the AAAS and head of the Department of Biology, California Institute of Technology; (ii) "The educator's responsibility to the science teacher" by Samuel Brownell, U.S. Commissioner of Education.

The crisis in science education, part II, Thursday, 30 Dec., 2 P.M., auditorium, Chemistry Building. Dael Wolfe, administrative secretary, AAAS, will preside. (i) "The AAAS program to improve science teaching" by Dael Wolfe; (ii) "The program from the point of view of the high school" by Wayne Taylor, Denton (Texas) High School; (iii) "The program from the point of view of the college of education" by William A. Brownell, dean, College of Education, University of California, Berkeley; (iv) "The program from the point of view of the graduate school" by Vern O. Knudsen, dean, Graduate School, University of California, Los Angeles; (v) "The program from the point of view of the liberal arts college" by E. Wilson Lyon, president, Pomona College.

AAAS Symposiums

Well-established scientists and younger specialists alike anticipate the AAAS symposiums, which have become an increasingly important aspect of the annual meetings of the Association.

AAAS symposiums explore relatively neglected areas

of scientific inquiry or constitute up-to-date surveys of knowledge in particular fields. Such programs are significant and valuable because they focus attention on critical areas, summarize the present status of current research, and provide positions from which to direct further research. These programs originate in the minds of the officers and committeemen of the 18 sections of the Association and are developed by them, either personally or by others deputized as program chairmen. Often, the sectional symposiums are concerned with interdisciplinary problems and are sponsored by two or more sections; participating societies also may collaborate. If the demand warrants it, the papers of such programs are gathered together and published by the Association as symposium volumes.

In recent years there has become well established the practice of arranging, for each annual meeting, one or two symposiums of especially wide interest or timeliness. The responsibility for developing these general symposiums, sponsored by the Association as a whole, rests upon the AAAS Symposium Committee, appointed each year by the president of the Association. Upon occasion, a proposed sectional program may be chosen to be developed as a general symposium; more commonly, the Symposium Committee, which represents a variety of scientific fields, plans and arranges these general sessions itself. The committee may seek the aid of consultants and appoint others to implement the general symposiums.

The Symposium Committee met in February and decided upon one three-session general symposium that would give broad consideration to some of the principal problems confronting society today and their interrelations with science.

AAAS General Symposium

Science and society, part I, "Natural resources: power, metals, food." Monday, 27 Dec., 4 P.M., Wheeler Auditorium. Arranged by Louis B. Slichter, director, Institute of Geophysics, University of California, Los Angeles. Donald H. McLaughlin, president, Homestake Mining Company, San Francisco, will preside. (i) "Fuels and energy for the future" by Farrington Daniels, chairman, Department of Chemistry, University of Wisconsin; (ii) "Minerals for the future" by Evan Just, vice president, Cyprus Mines Corporation, New York; (iii) "Food for the future" by J. G. Harrar, deputy director for agriculture, Division of Natural Sciences and Agriculture, The Rockefeller Foundation, New York.

Science and society, part II, "Population problems." Tuesday, 28 Dec., 4 P.M., Wheeler Auditorium. Arranged by Curt Stern, professor of zoology, University of California, Berkeley. Curt Stern will preside. (i) "Introduction" by Curt Stern; (ii) "Dynamics of human populations" by Dudley Kirk, Population Council, Inc., New York; (iii) "Medical aspects" by Alan Gregg, vice president, Rockefeller Foundation, Big Sur, California; (iv) "Concluding remarks" by Curt Stern.

Science and Society, part III, "Science in human thought and action." Wednesday, 29 Dec., 4 P.M., Wheeler Auditorium. Arranged by Roger R. Revelle, director, Scripps Institution of Oceanography, La Jolla, California. Roger R. Revelle will preside. (i) "The role of the sciences in education" by Joel H. Hildebrand, emeritus professor of chemistry and chemical engineering, University of California, Berkeley; (ii) "Science and international cooperation" by Bart J. Bok, professor of astronomy, Harvard University, Cambridge, Massachusetts; (iii) "Logics and the human nervous system" by John von Neumann, Institute for Advanced Study, Princeton, New Jersey, and the Atomic Energy Commission.

RAYMOND L. TAYLOR

Associate Administrative Secretary

New AAAS Sections

The number of AAAS sections has increased from 16 to 18 as a result of Council approval of the elevation of former Section N Subsections Nd-Dentistry and Np-Pharmacy to full sectional status. (Former Subsection Nm-Medicine will now be identical with Section N-Medical Sciences.)

For some years the Sections on Dentistry and Pharmacy have had their own secretaries and arranged separate full programs at the annual meetings of the Association. Henceforth, with their own vice presidents and section committees, they may enlarge their activities and function as sections in their own right.

Increasing sentiment among Nd and Np members favoring sectional status crystallized at the Boston meeting and petitions were directed to the Section N Committee which approved. Subsequently, the AAAS Board of Directors endorsed this action and approval by the AAAS Council was granted by a mail ballot. The former secretaries of the subsections—Russell W. Bunting, dean, School of Dentistry, University of Michigan, and Glenn L. Jenkins, dean, School of Pharmacy, Purdue University—will continue as sectional secretaries, and complete sectional organization will be concluded at the Berkeley meeting.

The following affiliated and associated societies have been transferred to the new sections:

Nd—Dentistry

Affiliated Societies: American College of Dentists; American Dental Association; International Association for Dental Research, American Division. *Associated Society:* American Association of Dental Schools.

Np—Pharmacy

Affiliated Societies: American College of Apothecaries; American Pharmaceutical Association. *Associated Societies:* American Association of Colleges of Pharmacy; American Society of Hospital Pharmacists.

