

San Francisco, August 24-28. The new school will repeat on the west coast the annual program which has been successful in the New York territory for the past seven years. Sessions will be devoted to lectures and laboratory demonstrations using the latest types of equipment.

New officers of the **Society of American Bacteriologists** include: president, G. M. Dack, University of Chicago; vice president, C. B. Van Niel, Hopkins Marine Station, Pacific Grove, Calif.; secretary-treasurer, J. H. Bailey, Sterling-Winthrop Research Institute; business manager, F. C. Harwood, Baltimore, Md. Councilors-at-large are Sara E. Branham, C. H. Werkman, J. E. Blair, and W. H. Ewing.

A **Solar Energy Conference**, sponsored by the National Science Foundation and the University of Wisconsin, will be held at the University Sept. 12-14. About 30 physical scientists and engineers from the U. S. and abroad will meet to assess present knowledge of solar energy utilization and to point out needed areas for basic research. The Wisconsin meeting will cover aspects of solar energy utilization not discussed at a previous conference held last fall in Gatlinburg, Tenn. Biological methods, including research in photosynthesis, were discussed at that time. At Madison the conference will discuss conversion into other forms of energy, such as electricity and heat; storage of solar energy in various ways including chemical reactions; and the use of fluid-solid phase changes and crystal alterations as mechanisms for the storing of energy. The findings and recommendations of the conference will be published. The committee to plan the conference includes Farrington Daniels, chairman; Werner A. Baum, F. G. Brickwedde, Hoyt C. Hottel, Everett D. Howe, and Ralph A. Morgen.

Miscellaneous

A Joint United States-Canadian program to investigate the most probable source of Arctic ice islands is now under way. The expedition is sponsored by the **Canadian Defense Research Board**, the **Geological Survey of Canada**, the **Air Research and Development Command** of the U.S. Air Force and the **Snow, Ice and Permafrost Establishment** of the U.S. Army. Two Canadian scientists, Geoffrey Hattersley-Smith, glaciologist with the Arctic section of the Canadian Defense Research Board, and Robert A. Blackadar, geologist of the Geological Survey of Canada, have departed for the Ellesmere Ice Shelf. The Shelf is a sheet of ice 10 to 15 miles wide and 100-200 feet thick fringing most of the northwest coast of Ellesmere Island. Its physical features will be compared with T-3 Fletcher's Island, a floating Arctic ice island near the North Pole, where the U.S. Air Force has its northernmost weather and geophysics research stations.

Five **Copper Pass Awards** have been given by the Councils of the Institution of Mining and Metallurgy

and the Institute of Metals, London, for papers published in 1952 in the *Transactions of the Institution of Mining and Metallurgy* and the *Journal of the Institute of Metals*. The awards are made annually from a fund placed at the disposal of the Councils by the Directors of Copper Pass and Son, Ltd., of Bristol. Award winners were Edwin Davis and S. G. Temple, C. P. Paton, E. C. Ellwood and T. A. Henderson, P. M. J. Gray, and E. A. Hontoir.

The **Florida State Museum** has completed negotiations with the U.S. Department of the Interior through the National Park Service to excavate four Indian sites on the west bank of the Chattahoochee River. The National Park Service will make available a grant of \$1500 for the work, which will be carried out in territory scheduled to be inundated by the construction of the Jim Woodruff Dam. Ripley P. Bullen, Curator of Social Sciences at the Museum, will direct the field work.

Five new members have been appointed to the staff of the **National Science Foundation**. Harry Alpert of the Bureau of the Budget will be study director for social science research; James W. Cole, Jr., of the University of Virginia will be program director for scientific manpower; Walter R. Kirner of the National Research Council will be program director for chemistry; Raymond W. Mayhew of the U.S. Navy will be physical science administrator; and H. Kirk Stephenson of the Los Alamos Scientific Laboratory will be program director for earth sciences.

The **Smithsonian Institution's Division of Physical Anthropology** has passed its 50th anniversary. Starting with a few boxes of bones in storage, this division has become one of the foremost depositories of human skeletal remains in the world, including more than 18,000 human skulls, representing essentially every division and subdivision of the human race. The Division was started in 1903 under the direction of the late Aleš Hrdlička, and the present curator is T. Dale Stewart. Marshall T. Newman is associated with Dr. Stewart.

A two-day symposium was held at the **University of Rhode Island** in connection with the dedication of the new Pastore Chemical Laboratory. Frederick G. Keyes of MIT, Charles A. Kraus of Brown University, and W. Albert Noyes, Jr., of the University of Rochester, discussed three phases of "Chemistry and the Progress of Man." Honorary degrees of Doctor of Science were conferred upon the three chemists at the University's convocation, and Farrington Daniels, Elvin C. Stakman, and Samuel T. Arnold were similarly honored. Dr. Stakman also addressed the University's new chapter of Sigma Xi.

ERRATUM. In the April 17th issue of *SCIENCE* on page 402, John Pfeiffer referred to J. G. Feinberg, author of *The Atom Story*, as a "British" biochemist. The book was commissioned by a British publisher, Allan Wingate, and was first published in England, but the author is an American.