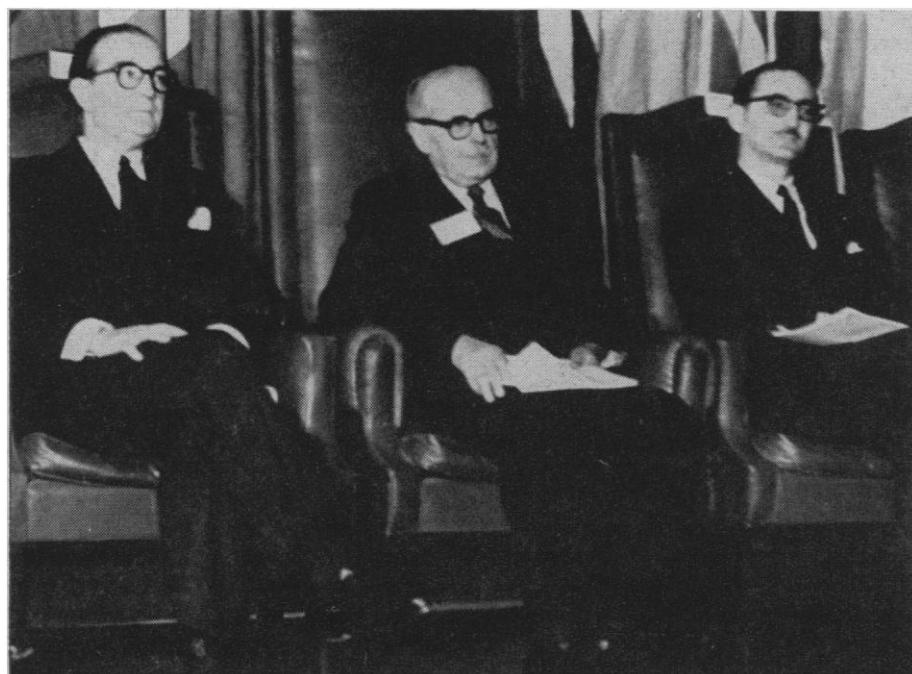


The United States Navy has been a primary source of support for oceanography, both for basic research and for projects of a specific military nature. It has joined civilian oceanographers in urging increased foundation support. The Navy has also requested funds for constructing its own oceanographic research vessels.

Under the terms of the new NSF grant, the Woods Hole Oceanographic Institution will submit detailed construction plans for foundation approval. The agreement provides for NSF concurrence in plans for solicitation of bids, award of the contract, and inspection of construction. The institution will operate and maintain the vessel.

### Houssay Heads Physiology Union

Bernardo Houssay, chairman of the National Research Council of Argentina, has been elected to serve for the next 3 years as president of the International Union of Physiological Sciences. He is shown here presiding over the opening session of the 21st International Congress of Physiological Sciences, of which he was president. It was later in the congress, which was held last August in Buenos Aires, that the International Union's general assembly elected him to the 3-year term. Houssay, who won the 1947 Nobel Prize in Physiology and Medicine, is director of the School of Medical Sciences of the University of Buenos Aires.



Bernardo Houssay (center), new president of the International Union of Physiological Sciences.

### Grants, Fellowships, and Awards

**Teacher fellowships.** In order to encourage highly qualified secondary-school teachers to improve their competence by working at the graduate level in the various fields of science and mathematics, the National Science Foundation is again offering a program of summer fellowships for secondary-school teachers of science and mathematics. Several hundred awards will be made for study beginning in the summer of 1960 and continuing for as many as three successive summers. The program is being administered for the foundation by the American Association for the Advancement of Science.

Fellowships will be awarded to support individually planned programs of study in the mathematical, physical, and biological sciences acceptable by the fellowship institution toward an advanced degree in one of these sciences. Although fellows will not be required to pursue courses of study leading to an advanced degree, they will be required to pursue studies at that level.

This fellowship program is in addition to the foundation's support of institutes for teachers. In the institutes' programs, teachers are afforded opportunities to study in courses of instruction especially designed for groups of teachers. Institute participants are chosen by the staff of the institute according to locally established criteria. In the fellowship program, fellows may pursue individually planned graduate-level

study programs at institutions of their choice.

An applicant must (i) be a citizen of the United States, (ii) be a science or mathematics teacher in a secondary school (and have had 3 years' experience in that capacity), and (iii) hold a baccalaureate degree or its equivalent. Applicants will be evaluated by panels of scientists chosen especially for this task by the AAAS.

Stipends will be computed at the rate of \$75 for each week of tenure. Travel and dependency allowances will ordinarily be provided, and the foundation will pay for tuition and required fees.

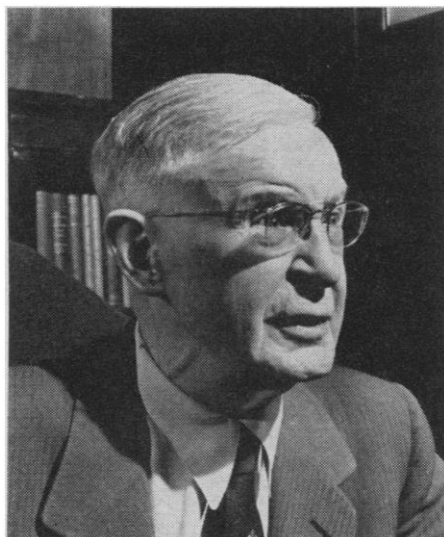
Teachers should *not* submit their applications directly to the National Science Foundation. Rather, information and application materials may be obtained by addressing a request to Secondary School Fellowships, American Association for the Advancement of Science, 1515 Massachusetts Ave., NW, Washington 5, D.C. Completed applications must be received by the association by 15 January 1960.

### Scientists in the News

**William A. Hamor**, senior director of research at the Mellon Institute, Pittsburgh, Pa., will retire on 31 December after 45 years at the institute. Hamor, who is a specialist in the literature of chemistry, is the author or co-author of nearly 200 articles and publications, including five books. During his years at Mellon he has also edited articles, books, and other publications.

In 1950 Hamor received the Pittsburgh Award of the American Chemical Society for "outstanding service to chemistry." Since 1947 Hamor has been editor of the American Chemical Society's Chemical Monograph series. In addition, he served on the committee that established the Priestley Medal and the committee that formed the petroleum division of the society. At one time he wrote a column on industrial developments for the then *Journal of Industrial and Engineering Chemistry*, which carried the first industrial news to appear in any of the society's journals. Later, for 6 years, he wrote annual reviews of industrial research development for *Chemical and Engineering News*.

Hamor has also been cited as an authority in the field of industrial hygiene. Early in his career he conducted research on the chemistry and toxicology of anesthetics, and later, research



William A. Hamor [Clyde Hare]

on smoke control; the latter study contributed to a better understanding of chemical factors in municipal planning. In 1934 he was influential in the establishment of the Industrial Hygiene Foundation, now composed of 400 member companies and public agencies. In 1945 Hamor served as chairman of the Smoke Abatement Committee of the Allegheny Conference on Community Development. The conference was largely responsible for the adoption of smoke control measures in the Pittsburgh district.

Hamor is a graduate of the University of Pittsburgh, where he served as professor of chemistry from 1913 to 1918. He has received honorary degrees from the University of Pittsburgh, Grove City (Pa.) College, the University of Louisville, and the University of Miami (Fla.).

**Bowen C. Dees** has been appointed assistant director of the National Science Foundation for scientific personnel and education. Dees has served the foundation since 1951, most recently as deputy assistant director for scientific personnel and education.

**Cornelius Lanczos** of the Dublin Institute for Advanced Studies, at present visiting professor of mathematics at the University of Wisconsin, has been named winner of the 1960 Chauvenet Prize of the Mathematical Association of America for his paper "Linear Systems in Self-Adjoint Form," which appeared in the *American Mathematical Monthly* [65, 665 (1958)]. The award will be presented in Chicago on 29 January 1960 during the Mathematical Association's annual meeting.

The Yale University School of Medicine has reported the following appointments:

**William C. Gibson**, Kinsmen professor of neurological research at the University of British Columbia, will be visiting professor of the history of medicine during the first 3 months of 1960.

**Horst Bickel**, assistant professor at the University Children's Hospital, Marburg an der Lahn, Germany, is just completing an assignment as visiting associate professor of pediatrics. He is teaching and continuing his research in the field on inborn errors of metabolism.

**Noah Lichtenstein**, associate professor of biochemistry at the Hebrew University in Jerusalem, is serving this year as visiting associate professor of biochemistry. He is teaching and participating in graduate seminars.

**Gertrude M. Cox** has resigned as director of the Institute of Statistics of the Consolidated University of North Carolina. She will continue for the present as professor of statistics at North Carolina State College.

**Louis Herman**, lecturer and consultant for the French Atomic Energy Fusion Group, is on leave and will spend the year at the Geophysical Institute, University of Alaska. His work will be in spectroscopy and will relate to auroral zone phenomena.

**M. G. Candau** (Brazil), director-general of the World Health Organization, has accepted the 12th World Health Assembly's offer to extend his term of office by 3 years. Candau was first elected WHO director-general in 1953. His present directorship expires 20 July 1960.

**Eugene L. Church**, a theoretical nuclear physicist for U.S. Army Ordnance, Pitman-Dunn Laboratories Group, Frankford Arsenal, Philadelphia, has received a Secretary of the Army's Research and Study Fellowship to study for a year at the Bohr Institute for Theoretical Physics, in Copenhagen.

**R. H. Painter**, entomologist at Kansas State University, has received the Gamma Sigma Delta national award for distinguished service to agriculture. Painter was cited as an outstanding teacher and as an authority on insect control through host plant resistance.

**Geoffrey M. Jeffery**, senior scientist at the laboratory of parasite chemotherapy, National Institute of Allergy and Infectious Diseases, has received the Bailey K. Ashford Medal established by Eli Lilly and Co. **Herbert C. Clark**, retired director of the Gorgas Memorial Institute in Panama, has received the Richard Pearson Strong Medal, given by the American Foundation for Tropical Medicine. The awards, given for contributions to tropical medicine, were made at the annual banquet of the American Society of Tropical Medicine and Hygiene held 30 October in Indianapolis, Ind.

## Recent Deaths

**Philip F. Bonhag**, Berkeley, Calif.; 36; associate professor of entomology, University of California; 1 Nov.

**Linn F. Cooper**, Sarawak, Borneo; 60; physician who conducted extensive research on time distortion in dreams; 13 Nov.

**James T. W. Granady**, New York, N.Y.; 70; hematologist and specialist in sickle-cell anemia; 12 Nov.

**Otto F. Hunziker**, La Grange, Ill.; 85; dairy scientist and retired director of research laboratories for the 23 factories of the Blue Valley Creamery Co., Chicago; former head of the dairy department at Purdue University; 15 Nov.

**Charles R. Jacobson**, Orange, N.J.; 31; director of chemical research for the Knoll Pharmaceutical Company; 9 Nov.

**Edward D. Rudderow**, Stamford, Conn.; 87; physician in general practice in New York for 50 years and former professor at New York Medical College; 15 Nov.

**Edgar C. Schenck**, New York, N.Y.; 49; director of the Brooklyn Museum, archeologist, author; 16 Nov.

**William Schoenfeld**, Corvallis, Ore.; 71; agricultural economist who retired in 1950 as dean of the School of Agriculture at the University of Oregon; 13 Nov.

**Otto H. Swezey**, San Jose, Calif.; 90; retired chairman of the department of entomology, Hawaiian Sugar Planters Experiment Station; 3 Nov.

**Charles Tilden**, New York, N.Y.; 86, professor emeritus of engineering mechanics at Yale University; 15 Nov.

**Charles Wilson**, Edinburgh, Scotland; 90; 1927 Nobel Prize winner in physics; retired professor of natural philosophy, Cambridge University; 15 Nov.