

summer: 125 in 1958, 350 in 1959, and 379 in 1960.

Seventeen institutes offering courses in radiation biology for high-school teachers, and five similar institutes for teachers in small colleges, are being jointly sponsored by the foundation and the Atomic Energy Commission, as are three institutes in isotope technology for college teachers.

The number of teachers who will receive financial support in each of the 379 institutes will average nearly 50 and will vary from 15 to more than 100. Tuition and fees will be paid for these teachers. They will also receive stipends of not more than \$75 per week for the duration of the institute, plus allowances for travel and dependents. The institutes will vary in length from 4 to 12 weeks.

Participants will be chosen by the institutes themselves, not by the National Science Foundation. Inquiries should be addressed to directors of the individual institutes, who are named in a list that has been prepared by the foundation.

News Briefs

The Public Health Service has announced the transfer of its Division of International Health from the Bureau of State Services to the Office of the Surgeon General. H. van Zile Hyde, assistant to the surgeon general for international affairs, will be chief of the division, which he also headed from 1955 to 1958. Horace DeLien, who has served as chief of the division since September 1958, has been assigned to the American Embassy in Paris as medical officer in charge of quarantine activities, European area.

The division's international education and exchange program will remain in the Bureau of State Services as part of the Division of General Health Services, which administers the Public Health Service's training program for public health workers in this country.

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Regular exchanges between lecturers and research workers of Canada and the Soviet Union are to start next year, according to the official Soviet news agency Tass.

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The National Bureau of Standards is expanding its low-temperature research in order to increase the precision of temperature calibrations in the range from 90° down to 20°K, and to pro-

vide a calibration service covering temperatures from 20° down to 2°K. Steps will also be taken toward establishing fixed points and extending the International Temperature Scale below 90°K, where there is now no international agreement.

Scientists in the News

Wallace R. Brode, science adviser to the Secretary of State, has won the American Chemical Society's 1960 Priestley Medal—the highest honor in American chemistry. The medal will be presented at the American Chemical Society's 137th national meeting in Cleveland in April.

Michael Polanyi of Oxford University has been selected as the 1959 winner of the Lecomte du Noüy Award. The award was given in recognition of Polanyi's books, *Personal Knowledge* and *The Study of Man*.

Harold S. Morton and **Eugene L. Nooker**, staff members of the Applied Physics Laboratory of Johns Hopkins University, each received the Navy's Distinguished Public Service Award, presented by Rear Admiral M. H. Hubbard, chief of the Navy Bureau of Ordnance, at ceremonies on 23 November. They were cited for their contributions in the field of missile warheads.

Albert M. Potts, formerly at Western Reserve University, has been appointed professor of ophthalmology in the department of surgery and director of research in ophthalmology at the University of Chicago.

William T. Marshall, Regius professor of civil engineering at the University of Glasgow, has been appointed visiting professor in civil engineering at Northwestern University for a 9-month period beginning 1 January.

J. Herbert Taylor, professor of cell biology, Columbia University, will discuss nucleic acid synthesis and chromosome duplication as a Sigma Xi national lecturer at a number of colleges and universities during January 1960.

Herbert S. Goldberg, on sabbatical leave from his duties in the department of microbiology, University of Missouri, is doing research at the Low Temperature Research Station, University of Cambridge, England.

Joseph Chatt of the Akers Research Laboratory of Imperial Chemical Industries Ltd., England, has been appointed distinguished visiting professor in the department of chemistry of Pennsylvania State University for the spring semester of 1960. He will lecture on the chemistry of organometallic compounds, carbonyl, hydrocarbon and hydrido complexes, and the coordination compounds of the tertiary organic phosphines.

Robert B. Woodward, Morris Loeb professor of chemistry at Harvard, has been awarded the Davy Medal of England's Royal Society. The medal is awarded annually for "the most important discovery in chemistry in Europe or Anglo-America."

Recent Deaths

John Anderson, Altadena, Calif.; 83; astronomer at California Institute of Technology who was executive officer of the institute's observatory council, 1928–48; supervised construction of the 200-inch Hale telescope at Mount Palomar; 2 Dec.

Arpad Berczeller, West New Brighton, N.Y.; 55; head of the bacteriology department of Sea View Hospital, West New Brighton, and specialist in tuberculosis drugs; prewar head of the department of bacteriology at the Pasteur Institute in Paris; 28 Nov.

Janet W. Mackie, Washington, D.C.; 66; specialist in tropical medicine who retired last year from the U.S. Public Health Service; taught at the Wake Forest Medical School; 24 Nov.

Charles C. Macklin, London, Ontario; 76; retired professor of histology and embryology at the University of Western Ontario Medical School.

Walter J. Murphy, Washington, D.C.; 60; editorial director of the American Chemical Society's journals in applied chemistry and director of the society's news service; 26 Nov.

Harold S. Palmer, Honolulu, Hawaii; 69; professor emeritus of geology at the University of Hawaii; 24 Oct.

John V. Starr, Cranford, N.J.; 57; chemist and management official with the Esso Standard Oil Company for 31 years; 6 Dec.

Richey L. Waugh, Arlington, Mass.; 71; former chief of surgical service of the U.S. Public Health Service Hospital, Boston, and former teacher of orthopedics at Tufts University Medical School; 24 Nov.