

eign scholars available for remunerative positions in American universities and colleges during the academic year 1959-60. This 11-page list, which is distributed on request, is prepared annually and includes scholars recommended by the United States educational commissions and foundations abroad. Each scholar on the list is eligible for a government travel grant covering round-trip transportation to the United States if arrangements are made for a lecturing or research appointment.

### Scientists in the News

A. OLIVER, director of the New York Zoological Park, has been appointed director of the American Museum of Natural History. He succeeds ALBERT E. PARR, director since 1942, who has been appointed senior scientist of the museum in accordance with a policy recently adopted by the board of trustees that enables a director to resume full-time research after 15 years of administrative service. JOHN TEE-VAN, general director of the New York Zoological Park and the New York Aquarium, will again assume full directorship of the zoo on 15 September. He was director from 1952 to 1956.

Parr, a distinguished marine biologist, was graduated from the Royal University of Oslo and served with the Bergen Museum and the Norwegian Bureau of Fisheries before leaving Norway for the United States in 1926. His first major appointment in this country was in 1927, when he became curator of the Bingham Oceanographic Collection. He joined the American Museum from Yale University, where he had served successively as professor of oceanography, director of oceanic expeditions, and director of the Peabody Museum of Natural History. He has received two honorary D.Sc. degrees, one from Yale University and one from Colby College.

At the American Museum, Parr's 17-year administration has been notable for the establishment of an optimum climate for research and scholarship, for the development of a new philosophy of exhibition, and for pioneering techniques of interpretation. The Warburg Memorial Hall of Ecology is the embodiment of Parr's philosophy of teaching the interrelationships of all living organisms. Ten major exhibition halls were completed under his direction.

ANTHONY J. DE LORENZO, former faculty member of the Washington University School of Medicine (St. Louis), has been appointed director of the Anatomical and Pathological Research Laboratory in the department of otolaryngology at the Johns Hopkins University

School of Medicine. He succeeds STACY R. GUILD, who has retired after 33 years as director. De Lorenzo also is assistant professor in the department of anatomy.

WILLIAM M. HESTON, JR., of the employee relations department at E. I. duPont de Nemours & Company, Wilmington, Del., has been appointed by Western Reserve University to the newly established position of director, office of university research, and associate in the department of chemistry, effective 1 July. He will assist faculty members in preparing requests for research grants, will review all research budgets, and will supervise the reporting and accounting of research money.

WILLIAM J. PYLES, assistant clinical professor of medicine at Columbia University College of Physicians and Surgeons, has been appointed medical director of the New York Heart Association. He succeeds D. F. MILAM, who retired 1 June.

ERWIN L. JUNGHER, professor of animal pathology and head of the department of animal diseases, University of Connecticut, will retire on 1 July. He expects to join the virus and rickettsial research staff of Lederle Laboratories, American Cyanamid Company, Pearl River, N.Y.

KARL SCHWARTZWALDER, director of research at the AC Spark Plug Division of General Motors, in Flint, Mich., has recently received the John Jeppson Medal of the American Ceramic Society.

MAX T. WEISS, specialist on microwave physics at Bell Telephone Laboratories for 9 years, has joined Hughes Aircraft Company as senior staff physicist of the microwave laboratory's electronics research department.

FRED W. DROSTEN, former reactor engineer with the U.S. Atomic Energy Commission's Oak Ridge Operations Office, has been named director of metallurgical development for the Heavy Minerals Company, a subsidiary of Vitro Corporation of America.

JOHN STERNER has resigned as director of flight test operations for Space Technology Laboratories at Cape Canaveral, Fla., to join with WILLIAM P. MURPHY, JR., research associate professor at the Miami School of Medicine, in founding the Cordis Corporation in Miami, Fla., a medical instrument firm. Murphy will be the new corporation's president, and Sterner will be vice president.

ROBERT W. NOYES, associate professor of obstetrics and gynecology at Stanford University Medical School, and THOMAS H. CLEWE and AILEEN YAMATE, research associates, have received the Rubin Award of the American Society for the Study of Sterility for their work on ovarian transplants to the anterior chamber of the eye.

CARROLL L. ZIMMERMAN, chief scientist for the Strategic Air Command, Offutt Air Force Base, Neb., has been appointed director of the operations analysis office at the U.S. Air Force headquarters in Washington, D.C.

CECIL P. HEADLEE, professor of pharmacology and physiology at Northeastern Louisiana State College School of Pharmacy, has been appointed scientific director at the C. B. Kendall Company, Indianapolis, Ind.

DAVID H. NEWBY, formerly chief of the test and evaluation laboratory, U.S. Army Ordnance Corps, Huntsville, Ala., has been appointed representative of the National Aeronautics and Space Administration at the Army Ordnance Missile Command, Huntsville, Ala.

FRANK F. DARLING, formerly senior lecturer in ecology and conservation at the University of Edinburgh, Scotland, has been appointed vice president of research at the Conservation Foundation, New York. Darling has been a member of the foundation's scientific advisory council for many years.

NORMAN KHARASCH, professor of chemistry at the University of Southern California, has been awarded a Fulbright research grant to spend the 1959-60 academic year in Austria at the Vienna Institute of Technology.

JAMES McCONNELL, professor at St. Patrick's College, Maynooth, Ireland, will spend the 1959-60 academic year as visiting professor of physics at Fordham University, where he will lecture on field theory and fundamental particle physics.

FREDERICK REINES, group leader at the Los Alamos Scientific Laboratory, has been appointed professor and head of the physics department at Case Institute of Technology, effective 1 July.

FREDERICK J. GUTTER, chemist in the laboratory of biochemistry at the National Cancer Institute, has been transferred to the extramural programs branch of the National Institute of Neurological Diseases and Blindness, National Institutes of Health, Bethesda, Md.

ARNOLD B. GROBMAN, associate professor of biology at the University of Florida, and director of the Florida State Museum, will be on leave of absence from both positions to head the American Institute of Biological Sciences study group on biological sciences curricula. The study group, which has headquarters at the University of Colorado, Boulder, will spend two to three years developing curricula, for high schools and junior colleges in particular, but for educational institutions at other levels as well.

LORUS J. MILNE, professor of zoology at the University of New Hampshire, and his wife, Dr. Margery Milne, have been invited to the Union of South Africa to serve during the summer of 1959 as visiting lecturers in the biological sciences. They will also discuss research on invertebrate vision in the nine universities of the Union and will visit the headquarters of the Institute for Scientific Research in the Belgian Congo.

BORJE UVNAS, professor of pharmacology, Karolinska Institutet, Stockholm, Sweden, recently served as lecturer in physiology at the University of California School of Medicine, Los Angeles. He discussed his current research on gastric secretion, vasomotor mechanisms, and mast-cell disruption.

W. F. G. SWANN, internationally known physicist and director of the Bartol Research Foundation of the Franklin Institute for 32 years, will retire and become director emeritus on 1 September. MARTIN A. POMERANTZ, senior staff physicist at Bartol, will succeed Swann, who will continue his research at the foundation and serve as a special consultant to staff members.

Swann, who is a native of England, received his doctor of science degree from London University in 1910. He came to the United States in 1913 as chief of the physical division of the department of terrestrial magnetism at the Carnegie Institution in Washington, D.C. He was appointed professor of physics at the University of Minnesota in 1918 and professor of physics at the University of Chicago in 1923. In 1924, he became professor of physics and director of the Sloane Laboratory at Yale University, where he served until 1927, when he became the first director of the foundation.

Swann is the author of two books, *The Architecture of the Universe and Physics*, and coauthor of *The Story of Human Error*. He is noted for his work in the fields of atmospheric electricity, cosmic radiation, accurate thermal measurements, electrodynamics, relativity, and quantum theory.

WILLIAM W. HAMBLETON, associate director of the State Geological Survey and associate professor of geology at the University of Kansas, will be on sabbatical leave for the 1959-60 academic year to perform geophysical research at Columbia University's Lamont Geological Observatory. PAUL C. FRANKS will be acting assistant director of the State Geological Survey.

JONATHAN E. RHOADS, provost of the University of Pennsylvania, will resign from that position and devote himself to the practice of surgery and to the posts of professor of surgery in both the School of Medicine and the Graduate School of Medicine, and of assistant director of the Harrison department of medical research at the university.

ALBERT E. NAVEZ, chairman of science education for the Newton (Mass.) public schools, and RAYMOND SCOTT, head of the science department at Rindge Technical High School, Cambridge, Mass., have received the Elizabeth Thompson awards for the advancement of science education of the American Academy of Arts and Sciences.

ALVIN C. EURICH, executive director, Education Division of the Ford Foundation, and vice president of the Fund for the Advancement of Education, has been appointed chairman of the Commission on Health Careers. The commission was established more than a year ago by the National Health Council, to join with the health professions, and agencies, in efforts to reduce the health manpower shortage.

FRANK K. SCHOENFELD, vice president of research and development of the B.F. Goodrich Company, Akron, Ohio, has received the Industrial Research Institute Medal for outstanding accomplishment in "leadership in or management of industrial research which contributes broadly to the development of industry or the public welfare."

MILTON B. AMES, JR., chief of the Aerodynamics and Flight Mechanics Division of the National Aeronautics and Space Administration, has been appointed director of aeronautical and space research (aeronautics and flight mechanics). He succeeds IRA H. ABOTT, who recently was named deputy director of Aeronautical and Space Research.

MARSHALL F. CROUCH, associate professor of physics at Case Institute of Technology, has been appointed by the State Department to serve for 2 years as scientific attaché at the American Embassy in Tokyo, Japan.

J. A. POPE, superintendent of the Basic Physics Division, National Physical Laboratory, Teddington, England, is in the United States and plans to attend the Gordon Research Conference session on magnetic resonance, New Hampton, N.H., 6-10 July.

JOSEPH V. CHARYK, chief scientist of the Air Force, has been appointed assistant secretary of the Air Force. He succeeds RICHARD C. HORNER, who has been appointed associate administrator of the National Aeronautics and Space Administration.

HAROLD F. DORN, chief of the biometrics branch of the Division of Research Services, National Institutes of Health, Bethesda, Md., recently delivered the 102nd Cutter lecture on preventive medicine at the Harvard University School of Public Health. His subject was, "Some Problems Arising in Prospective and Retrospective Studies of the Etiology of Disease."

LOUIS DUPREE, associate professor of anthropology at Pennsylvania State University and research associate in the department of anthropology at the American Museum of Natural History, New York, left in June to represent the American Universities Field Staff (New York) in Afghanistan and Iran.

FRANCIS W. HUNNEWELL, botanist and research associate in Harvard University's Gray Herbarium, will retire on 30 June. Botanical research was a second career for Hunnewell, who has been a Boston lawyer and an administrator at Harvard. He received his A.B. from Harvard College in 1902. While associated with the Gray Herbarium he made many collecting trips, mostly in the West Indies, the Canal Zone, and South America.

HANS WYNBERG, associate professor of chemistry at Tulane University College of Arts and Sciences, will study at the University of Leiden, Leiden, the Netherlands, during the academic year 1959-60.

LAURENCE L. QUILL, head of the chemistry department at Michigan State University, has been elected president of Associated Midwest Universities. He succeeds JAMES H. JENSEN, provost of Iowa State College. Other newly elected officers include: ROBERT S. SHANKLAND, professor of physics at Case Institute of Technology, Cleveland, Ohio, vice president; JOHN H. ROBERSON, executive director of AMU, secretary; ARTHUR T. SCHMEHLING, assistant business manager, Northwestern University, treasurer.