

HOWARD T. KARSNER, research adviser to the Surgeon General of the U.S. Navy and emeritus professor of pathology at Western Reserve University, will present the first Carl V. Weller lecture of the Michigan Pathological Society. He will speak at the University of Michigan on 8 Dec. on the "Place of pathology in biomedical research."

CHARLES M. LANDMESSER, since 1949 a member of the department of anesthesiology at Albany Medical College and anesthesiologist-in-chief to Albany Hospital, has been named chairman of the college's anesthesiology department. He succeeds J. GERARD CONVERSE, who has resigned to accept a similar position at the University of Miami, Coral Gables, Fla.

EDWARD W. DEMPSEY, chairman of the department of anatomy at Washington University School of Medicine (St. Louis), has been named assistant to the dean of the school of medicine. He will retain his position in the department of anatomy.

HAROLD F. RICHARDS, former head of the physics department and professor of physics at Florida State University, Tallahassee, has retired after 31 years of service on the university's faculty.

M. M. WINTROBE, head of the department of medicine at the University of Utah, is making a lecture tour of the Orient.

WILLIAM A. J. CRANE, lecturer in pathology at the University of Glasgow, Glasgow, Scotland, has joined the staff of the Ben May Laboratory of Cancer Research at the University of Chicago.

MARION A. BLANKENHORN, who retired recently as Taylor professor of medicine and director of the department of internal medicine at the University of Cincinnati, has been appointed director of education in the department of internal medicine at the Jewish Hospital, Cincinnati, Ohio.

H. SIDNEY NEWCOMER has assumed the position of medical director of the New Drug Institute, New York. He will supervise the grants for clinical research and evaluation handled by the institute, both for new drug applications and for determination of therapeutic efficacy. Newcomer, a specialist in the appraisal of new drugs and their introduction to the medical profession, is perhaps best known for his introduction of curare as a relaxant. The New Drug Institute provides guidance and research services to drug manufacturers in the development of new and improved products.

MARY JENNEY, a senior nurse officer in the U.S. Public Health Service Commissioned Corps, has been appointed chief nurse consultant to the new USPHS Professional Nurse Traineeship Program, the first federal program to further education of qualified graduate nurses in supervision, teaching, and administration. In the first 2 months of this program, nearly all of the 56 participating institutions have requested funds to enable nurses to prepare for leadership positions.

The Franklin Institute honored ten scientists at its recent annual Medal Day ceremonies. The Franklin medal, the institute's highest award, went this year to an aeronautical engineer, SIR FRANK WHITTLE, air commodore of Devonshire, England. The award is presented annually to a worker in physical science or technology. Sir Frank, a mechanical engineering specialist, was honored for pioneering developments in aircraft engines that have "revolutionized high-speed flight." The other medalists follow.

KENNETH BULLINGTON, a member of the systems engineering department of the Bell Telephone Laboratories, New York, received the Stuart Ballantine medal, for "advancement of space communications by means of beyond the horizon tropospheric wave propagation."

ROBERT G. LeTOURNEAU of Longview, Tex., president of R. G. LeTourneau, Inc., manufacturer of heavy construction equipment, received the Frank P. Brown medal "for his revolutionary improvements in earth-moving equipment with vast benefits to public works and private building construction."

FLOYD A. FIRESTONE, physicist, inventor, and educator of Dobbs Ferry, N.Y., received the Edward Longstreth medal "for his invention and development of a practical industrial tool for the detection and measurement of the location and extent of defects in metal parts by ultrasonic means."

EDWIN H. LAND, chairman of the Polaroid Corporation, Cambridge, Mass., received the Howard N. Potts medal for "ingenious development of a practical hand camera and a process to expose and develop the negative and create a good positive simultaneously."

Five research mathematicians from the University of Michigan and Stanford University received the Louis E. Levy medal "in recognition of their paper 'The Folded Tree' appearing in the July and August, 1955 issues of the *Journal of the Franklin Institute*." They are ARTHUR W. BURKS, CARL H. POLLMAR, DON W. WARREN, and JESSE B. WRIGHT, all of the University of Michigan, and ROBERT McNAUGHTON of Stanford University.

GEORGE F. REDDISH, professor of microbiology and public health at the St. Louis (Mo.) College of Pharmacy and Allied Sciences, will receive the 1956 achievement award of the Chemical Specialties Manufacturers' Association for technical contributions in the fields of public health, disinfection, and antiseptics. The award, fifth of its kind to be made by the CSMA, will be presented to Reddish on 4 Dec. during the association's 43rd annual meeting in Washington, D.C. Reddish is editor of *Antiseptics, Disinfectants, Fungicides, and Chemical and Physical Sterilization*, a compilation of technical data in the disinfectant field.

The University of Maryland physics department has announced the following appointments.

WILLIAM F. HORNYAK, formerly research physicist at Brookhaven National Laboratory, has been named associate professor and is heading the department's new program in experimental nuclear physics.

FRIEDRICH H. HUND, director of the Institute of Theoretical Physics at the University of Frankfurt (Germany), is a visiting professor for the fall term.

JOHN C. WARD, formerly of the Institute for Advanced Study, Princeton, N.J., and at present physicist for Varian Associates, Palo Alto, Calif., is visiting research professor.

ANTOINE VISCONTI, member of the Institute Henri Poincaré (France) is visiting lecturer. For the last 3 years he has been the representative for France in the CERN theoretical study group at the Institute of Theoretical Physics in Copenhagen (Denmark).

SIDNEY A. SIMMONS, for the past 6 years plant science editor for G. and C. Merriam Company, publishers of *Webster's New International Dictionary*, has resigned to take a position as technical editor with the General Electric Corporation in West Lynn, Mass.

## Recent Deaths

LAWRENCE D. BELL, Buffalo, N.Y.; 62; founder and board chairman of the Bell Aircraft Corporation; 20 Oct.

TRUMAN L. BOYES, New York, N.Y.; 58; clinical professor of ophthalmology at the Post-Graduate Medical School of New York University-Bellevue Medical Center; 17 Oct.

VAN A. H. CORNELL, New York, N.Y.; 79; former head of the department of dermatology and syphilology at the New York Medical College; 24 Oct.

ANNA B. GALLUP, Mystic, Conn.; 84; retired curator-in-chief of the Brooklyn Children's Museum; 21 Oct.

THOMAS H. KEARNEY, San Fran-

cisco, Calif.; 82; retired agriculture physiologist with the U.S. Department of Agriculture; 19 Oct.

HENRY N. RIDLEY, London, England; 100; former director of Singapore's Botanic Gardens; originator of Malaya's rubber industry; 24 Oct.

DANIEL C. SAYRE, Princeton, N.J.; 53; associate dean of Princeton University's School of Engineering and director of the James Forrestal Research Center; 19 Oct.

ROY S. SWINTON, Ann Arbor, Mich.; 70; professor on the engineering mechanics faculty at the University of Michigan; 20 Oct.

GEORGE B. WISLOCKI, Milton, Mass.; 64; head of the department of anatomy, James Stillman professor of comparative anatomy, Hersey professor of anatomy, and a member of the faculty of the Harvard University Museum of Comparative Zoology; 22 Oct.

## Education

■ The 36th annual observance of American Education Week is scheduled for 11–17 Nov. The purpose of the observance is to bring the needs and achievements of the schools before the public and to emphasize the important role education plays in democracy. National sponsors of American Education Week are the National Education Association, the American Legion, the U.S. Office of Education, and the National Congress of Parents and Teachers.

■ *Our Mr. Sun*, the first of a series of hour-long color films on science being sponsored by the Bell Telephone System, will be telecast on 19 Nov. at 10 P.M. over the C.B.S. television network. The aim of the programs is to present authentic scientific information in terms that will interest and entertain a mass popular audience. The films will be made available by the Bell System for showing to special audiences after their initial telecast. It is hoped that they will be useful in schools to stimulate interest in science or as teaching aids in specific fields.

General supervision of the choice and treatment of subject matter for the program series is in the hands of an advisory board that includes the following members: George W. Beadle, California Institute of Technology, biology and genetics; John Z. Bowers, University of Wisconsin Medical School, medicine; Paul R. Burkholder, Brooklyn Botanic Garden, microbiology and bacteriology; Farrington Daniels, University of Wisconsin, chemistry; Maurice Ewing, Columbia University, earth sciences; George R. Harrison, Massachusetts Institute of Technology, physics; Clyde Kluckhohn, Harvard University, anthropology; War-

ren Weaver, Rockefeller Foundation, mathematics (vice chairman); and Ralph Bown, former vice president of research, Bell Telephone Laboratories, engineering (chairman).

In order to achieve the broadest popular appeal, the programs will make full use of entertainment techniques. These will include "story" plots, animated cartoons, and documentary photography from remote areas of the world. Scientific films, such as microphotography and time-lapse sequences, also will be used. Frank Capra is producer and director of *Our Mr. Sun*.

■ The staff of a laboratory at Harvard Medical School and Boston Lying-In Hospital is working for 4 months at the Karolinska Institute Hospital in Stockholm, Sweden. Five biological chemists, led by Claude A. Villee of Harvard, will expand their current studies on changes taking place in embryonic tissue prior to birth in association with the Karolinska staff. Working in Sweden with Villee will be his wife Dorothy, also a scientist, and D. D. Hagerman, J. M. Loring, and F. M. Wellington.

■ The Educational Television and Radio Center, Ann Arbor, Mich., has prepared three new films designed to encourage interest in the area of science. They are *Tempest in a Test Tube*, *The Secret of Flight*, and *Doctors of Space*.

■ Exercises inaugurating a graduate educational program leading to the Ph.D. degree in the biological sciences basic to medicine took place recently at the State University of New York's Downstate Medical Center in Brooklyn. The new program, which this year admitted candidates to the study of anatomy, biochemistry, pharmacology, and physiology, will complement the Medical Center's 4-year program leading to the M.D. degree.

## Grants, Fellowships, and Awards

■ During October, colleges and universities in the United States, Cuba, and Hawaii received \$196,383 in grants from the Research Corporation to aid basic research in science. The awards, which are distributed quarterly, will aid investigations in chemistry, physics, astronomy, mathematics, and engineering. A total of \$630,551 has been distributed so far this year.

■ The School of Mathematics of the Institute for Advanced Study, Princeton, N.J., will allocate a small number of grants-in-aid to gifted young mathematicians and theoretical physicists to enable them to study and to do research work at Princeton during the academic year 1957–58. Candidates must have

given evidence of ability in research comparable at least with that expected for the degree of doctor of philosophy. Application blanks may be obtained from the School of Mathematics, Institute for Advanced Study, Princeton, N.J. Completed forms must be returned by 1 Jan. 1957.

■ The National Science Foundation will make available a limited number of individual travel grants to partially defray the travel costs of American scientists who wish to attend the following international congresses:

Second International Congress of Photobiology, Turin, Italy, 1–9 June 1957; application deadline, 1 Jan. 1957.

Fourth Congress of the International Association of Gerontology, Merano, Italy, 14–19 July 1957; application deadline, 1 Jan. 1957.

First International Congress of Neurological Sciences, Brussels, Belgium, 21–28 July 1957; application deadline, 1 Jan. 1957.

Fifteenth International Congress of Psychology, Brussels, Belgium, 28 July–3 Aug. 1957; application deadline, 1 Feb. 1957.

Fourth International Congress on Nutrition, Paris, France, 24–29 July 1957; application deadline, 1 Jan. 1957.

Congress of the International Union for the Scientific Study of Population, Stockholm, Sweden, 8–15 Aug. 1957; application deadline, 1 Mar. 1957.

Sixth Congress of the International Society for the Study of Biological Rhythms, Semmering, Austria, 26–28 Aug. 1957; application deadline, 1 Jan. 1957.

Ninth International Congress of Cell Biology, St. Andrews, Scotland, 28 Aug.–2 Sept. 1957; application deadline, 1 Jan. 1957.

Ninth General Assembly of the International Union of Pure and Applied Physics, Rome, Italy, Sept. 1957, and associated meetings; application deadline, 10 Jan. 1957.

Application blanks may be obtained from the National Science Foundation, Washington 25, D.C. The screening of applications will generally be made by an appropriate ad hoc advisory committee. For example, in the case of the Cell Biology Congress, arrangements have been made with the American Institute of Biological Sciences to establish a committee of representatives from scientific societies concerned with cell biology to evaluate applications and to decide the basis for recommending grantees to the foundation.

■ The U.S. Atomic Energy Commission special fellowships in industrial medicine for 1957–58 have been announced by the Atomic Energy Project, School of Medicine and Dentistry, University of