

GILBEART H. COLLINGS, professor of soils at Clemson College, has been appointed head of the department of agronomy.

### Recent Deaths

P. B. CANDELA, Wofford Heights, Calif.; 49; surgeon who developed a method to determine the blood types of ancient peoples; 5 Jan.

RALPH S. DAMON, Garden City, N.Y.; 58; aeronautical expert; president of Trans World Airlines, New York, N.Y.; member of the National Advisory Committee for Aeronautics; 4 Jan.

EDGAR S. McFADDEN, College Station, Tex; 64; agronomist at A. and M. College of Texas; recipient of the John Scott award at the 1955 AAAS annual meeting in Atlanta, Ga.; 5 Jan.

W. ALLEN MESSLER, Rutherford, N.J.; 83; professor of psychology at Fairleigh Dickinson College; 8 Jan.

ZENO P. METCALF, Raleigh, N.C.; 70; professor of zoology at North Carolina State College, Raleigh, from 1912-50; since 1950 resident professor of zoology and entomology; 1950 representative of the Ecological Society of America on the AAAS Council; 7 Jan.

GREENLEAF W. PACKARD, Newton, Mass.; 78; inventor and radio engineer; 8 Jan.

CHARLES PRATT, New York, N.Y.; 63; president emeritus of Pratt Institute, Brooklyn, N.Y.; 7 Jan.

EPHRAIM SHORR, New York, N.Y.; 58; associate professor of medicine at Cornell University Medical School, New York, N.Y.; authority on treatment of shock; 1951-53 representative of the Gerontological Society on the AAAS Council; 6 Jan.

ASA O. WEESE, Norman, Okla.; 70; professor of zoology at the University of Oklahoma; internationally known bioecologist; for many years representative of the Oklahoma Academy of Science on the AAAS Council; 20 Nov.

### Grants, Fellowships, and Awards

■ Ten new grants, totaling \$65,807, to American universities and medical centers will augment the program of clinical and laboratory research on vitamins and nutrition of the National Vitamin Foundation, Inc. The foundation gives grants-in-aid for research semiannually throughout the United States and abroad. The new grants became effective on 1 Jan.

■ The Dexter Chemical Corporation has established an award in the history of chemistry amounting initially to \$250. The sum will be accompanied by a scroll.

The division of history of chemistry of the American Chemical Society will administer the new annual award; nominations should be sent to the secretary of the division *not later than 10 Mar.*

The award is to be made on the basis of services that have advanced the history of chemistry in any of the following ways: by publication of an important book or article; by the furtherance of the teaching of the history of chemistry; by contributions to the bibliography of the history of chemistry; or by services over a long period of time that result in the advancement of the history of chemistry.

■ The National Foundation for Infantile Paralysis will continue to offer a limited number of fellowships to provide educational opportunities for health educators who are employed in state departments of education or of health. Applicants must have obtained their bachelor's or higher degree from an accredited institution and have had substantial training in biological science and education or other social sciences. Only those who have had a minimum of 2 years of experience as educators in the field of health will be eligible. United States citizenship and sound health are prerequisites for application.

Work may be undertaken at any school of public health in the United States that offers a graduate program in health education and is approved by the American Public Health Association. It is the responsibility of the candidate to make his own arrangements with the institution for a program of study and field training to supplement his previous background and to prepare him more adequately for the responsibilities of a health educator.

The foundation has also instituted a new fellowship program for surgeons interested in advanced study to prepare themselves for teaching or research in orthopedics. Applicants must have completed requirements for certification by the American Board of Orthopedic Surgery or have had equivalent training. Only United States citizens licensed to practice medicine in this country, in sound health, and under 36 years of age are eligible.

Each candidate must arrange his own program for full-time study and investigation at a center which has been approved by the Council on Medical Education and Hospitals of the American Medical Association for residency training in orthopedic surgery and which is associated with an approved medical school.

In both fellowship programs, appointments will be made for 1 year. Financial benefits will be determined on the basis of individual need as related to marital status and number of dependents. Selec-

tion of candidates to be appointed as fellows will be made on a competitive basis by the National Foundation's Clinical Fellowship Committee.

For consideration in May, applications must be filed *by 1 Mar.*; for review in November, applications must be received by 1 Sept.; and for action in February, by 1 Dec. For further information and application forms, address: Division of Professional Education, National Foundation for Infantile Paralysis, 120 Broadway, New York 5.

■ The John A. Hartford Foundation, Inc., has announced the establishment of the John A. Hartford Memorial Fund in the School of Public Health of Harvard University to support a long-range research program in atherosclerosis and other diseases of the blood vessels and heart. The foundation has agreed to provide \$200,000 annually for a period of several years to "institute, maintain and carry out a program of basic scientific and medical research to determine the causes and the medical or other treatment which will prevent or cure or alleviate human suffering from atherosclerosis and related diseases of the human heart and blood vessels," and for graduate education in this field. The new program of research and graduate education will be carried out primarily in the school's department of nutrition, which is headed by Frederick J. Stare.

■ The Nature Conservancy offers an award of \$500 as an aid to graduate study during the next school year. To be eligible to apply, a student must plan to center his thesis on some aspect of the interrelationship between conservation of nature and the increasing pressure of human population.

Applications must be submitted *by 1 Apr.* Interested persons should consult the detailed announcement that may be obtained by writing to the Nature Conservancy, 4200 22 St. NE, Washington 18, D.C.

■ The Damon Runyon Memorial Fund for Cancer Research ended 1955 with grants totaling \$92,205. The awards for December brought money distributed to date to \$9,540,279. The allocations have been made in 609 grants and 327 fellowships in 205 institutions in 48 states, the District of Columbia, and 16 foreign countries.

### In the Laboratories

■ The Atomic Energy Commission has announced that it is planning to ask private industry to submit proposals to supply reactor-grade beryllium metal. These requirements are now met from the pro-