

technic Institute, from Ohio State University.

CARL J. WIGGERS, professor emeritus of physiology at Western Reserve University, from Ohio State University.

GLEN D. CAMP, professor of operations research at George Washington University, has been appointed professor of engineering administration at Case Institute of Technology.

Another institute appointment is that of LUCIEN SCHMIT as associate professor of civil engineering. He was formerly at Massachusetts Institute of Technology.

The Institute of Radio Engineers has announced its 1959 awards, which will be presented at the IRE national convention banquet next March in New York City.

E. LEON CHAFFEE, former director of the Cruft Laboratory, Harvard University, is to receive the IRE Medal of Honor, the highest technical award in the radio-electronics field, "for his outstanding research contributions and his dedication to training for leadership in radio engineering." Chaffee, whose career at Harvard began in 1911, is Rumford professor of physics, emeritus, and Gordon McKay professor of applied physics, emeritus.

The Morris Liebmann Memorial Prize will go jointly to CHARLES E. TOWNES, professor of physics, Columbia University, and NICOLAAS BLOEMBERGEN, Gordon McKay professor of applied physics, Harvard University, "for fundamental and original contributions to the maser."

JACK W. HERBSTREIT, chief of the tropospheric propagation research section, National Bureau of Standards, has been named to receive the Harry Diamond Memorial Award "for original research and leadership in radio-wave propagation."

The Vladimir K. Zworykin Television Prize will go to PAUL WEIMER, group leader of pickup tube research, RCA Laboratories, "for contributions to photoconductive-type pickup tubes."

THOMAS F. ANDERSON, formerly of the Johnson Research Foundation of the University of Pennsylvania School of Medicine, has joined the staff of the Institute for Cancer Research, Philadelphia, Pa., as a senior member of that group. Anderson will retain the title of professor in the department of biology at the University of Pennsylvania.

GREGORY PINCUS, director of research at the Worcester Foundation for Experimental Biology, is chairman of the Subcommittee on Program for the first

International Congress of Endocrinology, which will be held in Copenhagen in 1960. The subcommittee is organizing the program for the congress, arranging a series of symposia and sessions for briefer papers. Other members of the group include ROLF LUFT of Stockholm; ROBERT COURRIER of Paris; JOHN LORAIN of Edinburgh; HECTOR CROXATTO of Santiago; A. QUERIDO of Leiden; and FRANK ENGEL of Durham, N.C. The committee's first meeting was held in Paris on 29 August.

E. O. FIELD, division of radiobiology, radiotherapy department, Royal Marsden Hospital, London, has been appointed visiting instructor in medicine at Stanford University School of Medicine, San Francisco, for the academic year 1958-59. Field will collaborate on hematology research being conducted in the isotope laboratory by the departments of medicine and radiology.

FRED J. EMMERICH, former president and chairman of the board of the Allied Chemical Corporation and now one of its directors, has received the Chemical Industry Medal of the Society of Chemical Industry.

ROY E. MORSE, professor of food science, has been named chairman of the department of food science of the N.J. Agricultural Experiment Station, Rutgers University. He succeeds WALTER A. MACLINN, who resigned recently to become executive director of the Refrigeration Research Foundation, Colorado Springs, Colo.

B. ROSS GUEST, chief civilian, Air Intelligence Estimates Branch, Office of the Assistant Chief of Staff, Intelligence, Department of the Air Force, Washington, D.C., has been appointed an associate professor in the earth science department, Northern Illinois University.

EDGAR H. DIX, JR., assistant director of research for the Aluminum Company of America since 1942, has retired. Dix has been directly or indirectly responsible for the development of many of the aluminum alloys used today, which now number 70.

GEORGE M. BRIGGS, chief of the nutrition unit, Laboratory of Nutrition and Endocrinology, National Institute of Arthritis and Metabolic Diseases, was recently awarded the 1958 Borden Award for his outstanding contributions during the past years to the advancement of basic research in poultry science. The award, consisting of a gold medal and \$1000, was sponsored by the Poultry Science Association. Briggs was particu-

larly cited for his work with vitamin B<sub>12</sub> and its relationship to other diet components, such as fat and amino acids. The use of synthetic diets that Briggs developed has been especially effective in determining the effect of a single basic food element on growth and physical development.

MARTIN E. HANKE, associate professor of biochemistry at the University of Chicago, has been named director of the Clinical Chemistry Laboratory in the Division of Biological Sciences of the university's School of Medicine. Hanke's research interests have included isotopic studies on the reaction mechanism in the enzymatic decarboxylation of amino acids, serum proteins in cancer, oxidation-reduction potentials in bacterial cultures, and preparation of organic arsenic and mercury compounds.

ROBERT E. HENZE, associate professor of biochemistry at Purdue University, has been appointed to the headquarters staff of the American Chemical Society in Washington, D.C., to coordinate the society's education program.

JOHN N. HOBSTETTER, member of the technical staff of the Bell Telephone Laboratories, has been appointed associate professor of metallurgical engineering at the University of Pennsylvania.

## Recent Deaths

JACK K. FINNEGAN, Richmond, Va.; 42; associate professor of pharmacology at the Medical College of Virginia; 13 Sept.

MATT C. JACOBS, Rochester, N.Y.; 62; professor of medical illustration at the University of Rochester; former president of the National Association of Medical Illustrators; 13 Sept.

LEWIS KNUDSON, Ithaca, N.Y.; 74; professor emeritus of plant physiology of New York State College of Agriculture, Cornell University; had been on the university's staff for more than 40 years; 31 Aug.

FREDERICK B. LAFORGE, Washington, D.C.; 76; chemist with the U.S. Department of Agriculture since 1915; specialist on insecticides; author of more than 100 papers and holder of a number of patents; 4 Sept.

JAY L. WIERDA, Philadelphia, Pa.; 60; associate professor of dental anatomy and a member of the faculty of the University of Pennsylvania Medical and Dental Schools for 28 years; formerly taught at Johns Hopkins University, Guilford College, Duke University, Cornell University, and Ohio State University; 5 September.