

Gerard P. Kuiper, formerly with the Yerkes Observatory of the University of Chicago, has been named research professor in the Institute of Atmospheric Physics, professor in the department of astronomy, and astronomer in the Steward Observatory of the University of Arizona. **Hugh M. Johnson**, former assistant professor of astronomy at the State University of Iowa, has been appointed associate professor of astronomy and associate astronomer in the Steward Observatory.

The following scientists received awards at the third Robert H. Goddard Memorial Dinner, held in Washington, D.C., in connection with the National Missile/Space Conference.

Karel J. Bossart, of the Convair Division of the General Dynamics Corp., received the Robert H. Goddard Memorial Trophy.

Richard B. Canright, chief of research for the Douglas Aircraft Co., received the Astronautics Engineer Achievement Award.

Capt. Joe B. Jordan of the Air Research and Development Command of the Air Force received the Joy Aerospace Flight Award.

Dale C. Cameron, director of the division of medical services of the Minnesota Department of Public Welfare, has been recommissioned in the U.S. Public Health Service, with which he served from 1937 to 1954. He is assigned to the training branch of the National Institute of Mental Health to conduct a study of mental-health facilities in Europe; later this year he will become assistant superintendent at St. Elizabeths Hospital, Washington, D.C.

The following scientists have received the 1959 Borden Awards. The nine gold medals and \$1000 prizes were administered by the designated professional and scientific societies.

The American Chemical Society selected **Charles A. Zittle**, head of fluid concentrates stability investigations at the Eastern Regional Research Laboratories of the U.S. Department of Agriculture, for his investigations of the stability of milk components.

The American Dairy Science Association named **Marvin L. Speck**, professor of dairy bacteriology at North Carolina State College, for work on nutrition bacteria, and **N. L. Van Demark**, pro-

fessor of physiology in dairy science at the University of Illinois, for research on reproduction in dairy cattle.

The American Home Economics Association named **Mary B. Patton**, professor of home economics at Ohio State University, for a group of nutrition studies.

The Association of American Medical Colleges selected **Theodore T. Puck**, professor of biophysics at the University of Colorado School of Medicine, for developing a method of cultivating and studying single mammalian cells.

The American Institute of Nutrition named **Harry Steenbock**, emeritus professor of biochemistry at the University of Wisconsin, for work in mineral metabolism and physiological chemistry.

The American Academy of Pediatrics selected **Harold C. Stuart**, emeritus professor of maternal and child health at the Harvard School of Public Health, for work on the growth patterns of infants and children.

The Poultry Science Association named **A. V. Nalbandov**, professor of animal physiology at the University of Illinois, for work on the endocrinology of growth and reproduction in the fowl.

The American Veterinary Medical Association selected **Peter Olafson**, professor of veterinary pathology and head of the department of pathology and bacteriology at the New York State Veterinary College of Cornell University, for work on diseases of dairy cattle.

Robert A. Bass has been named chief scientist for the Aerospace Division of Aeronca Manufacturing Corp., Baltimore, Md., to direct research in celestial mechanics and trajectory theory. Bass, who will be a U.S. delegate to the International Federation of Automatic Control Congress in July, has held research positions at Johns Hopkins and Princeton universities.

Leon R. Lezer, acting chairman of the department of preventive medicine at the College of Medicine of the University of Vermont, is on leave on a Commonwealth Fellowship until 1 September.

Charles M. Mottley, director of marketing and operations research for Chas. Pfizer and Co., Inc., has joined the Stanford Research Institute, Menlo Park, Calif., as senior scientist and chairman of the planning board.

Recent Deaths

Roger W. Bledsoe, Gainesville, Fla.; 52; botanist; associate director of the Florida Agricultural Experiment Station; 24 Jan.

Ovid Butler, Washington, D.C.; 79; pioneer in forest conservation; executive director of the American Forestry Association, and editor of its publications, from 1923 to 1946; former president of the Society of American Foresters; 20 Feb.

Winchell Craig, Rochester, Minn.; 67; pioneer in neurosurgery; special assistant to the Secretary of Health, Education, and Welfare; head of the neurological section of the Mayo Clinic from 1946 to 1955; 12 Feb.

Jerome B. Green, Bethesda, Md.; 61; physicist on the staff of the Operations Research Office of Johns Hopkins University; former assistant chief of the research department of the Naval Ordnance Laboratory; expert on spectroscopy; 27 Jan.

Robert Hutchison, Streatley, England; 88; specialist in children's diseases and on dyspepsia; former president of the Royal College of Physicians and the Royal Society of Medicine; 12 Feb.

Igor V. Kurchatov, Moscow, U.S.S.R.; 57; physicist who helped develop the first Soviet atomic and hydrogen bombs; director of the Soviet Institute of Atomic Energy and a member of the Presidium of the U.S.S.R. Academy of Sciences; 7 Feb.

Henry Marshall, New York, N.Y.; 69; oral surgeon; former assistant professor of oral surgery at the College of Dentistry of New York University; 18 Feb.

Ellsworth V. McAtee, Fairbanks, Alaska; 37; research physiologist at the Arctic Aeromedical Laboratory; 5 Feb.

Samuel A. Mitchell, Bloomington, Ind.; 85; director emeritus of the Leander McCormick Observatory of the University of Virginia; authority on solar eclipses; pioneer in the computation of star distances; 22 Feb.

George Winchester, New Brunswick, N.J.; 85; head of the physics department at Rutgers University for 25 years and professor emeritus since 1946; recently did research on the electrical properties of aluminum; 15 Feb.

Erratum: Two figures in the tabular presentation of AAAS membership [*Science* 131, 510 (19 Feb. 1960)] were inaccurate. New members elected were 7883, not 7165; net increase during 1959 was 2142, not 1424.