

S. S. Barkulis, director of microbiological research with CIBA Pharmaceutical Products, Inc., Summit, N.J., has been awarded the eighth annual Selman A. Waksman award by the New Jersey Branch of the Society of American Bacteriologists. The award is presented every year to a scientist in the eastern section of the United States who is under 40 years of age.

Walter P. Work, associate clinical professor of otolaryngology at the University of California School of Medicine, has been named chairman of the department of otolaryngology at the University of Michigan Medical School, effective 1 July. He succeeds the late James H. Maxwell.

Alexander Kossiakoff, pioneer in the field of solid propellant rockets and a well-known physical chemist, has been named associate director of Johns Hopkins University's Applied Physics Laboratory in Silver Spring, Md. He has been assistant director of the Laboratory since 1948.

Harold L. Segal, associate professor of pharmacology at the St. Louis University School of Medicine, has been awarded a 6-month National Science Foundation fellowship to conduct research at the University of Vienna in Austria, where he will investigate the chemical structure of proteins. He will be on leave of absence until 1 September.

Ralph A. Sawyer, vice president for research and dean of the graduate school at the University of Michigan, recently received the Spectroscopy Society of Pittsburgh's annual award for outstanding contributions to the field of spectroscopy. The presentation took place during the Pittsburgh Conference for Analytical Chemistry and Applied Spectroscopy, which was attended by more than 3500 scientists.

Col. **Charles H. Roadman** of the National Aeronautics and Space Administration, since last June a special assistant to the director of the Office of Life Sciences, has been appointed deputy director of that office. Roadman, a career Air Force officer, is a specialist in aviation medicine.

George Welford has joined U.S. Nuclear Corporation, Burbank, Calif., as director of its Laboratory for Radiochemical Bioassay and Environmental

Testing. Welford was formerly with the Atomic Energy Commission's Health and Safety Laboratory, where he was leader of the Radiochemical Methods Development Group.

George C. Sponsler recently joined the Research and Development Division at the Navy Bureau of Ships as chief scientist for research and development on the Technical and Analysis and Operations Research Staff. Previously, Sponsler was senior scientist at the Hoffman Science Center, Santa Barbara, Calif.

Benjamin Pasamanick, professor of psychiatry at Ohio State University and director of research at the Columbus Psychiatric Institute, has received the \$500 Stratton award of the American Psychopathological Association for his studies on the epidemiology of mental disorder.

James W. Perry recently became a member of the faculty of the systems engineering department at the University of Arizona's College of Engineering. He was previously director of the Documentation Center at Western Reserve University. Application of electronic automation to non-numerical information is his principal field of interest.

I. Moyer Hunsberger has been named dean of the College of Arts and Sciences at the University of Massachusetts. A former Fordham University professor, he joined the university last September to head its department of chemistry. In his new post he succeeds **Fred V. Cahill, Jr.**, who resigned last July to become dean of general studies at North Carolina State College.

After 38 years of service with the U.S. Department of Agriculture, **John T. Scanlan** has retired as head of lubricants investigations at the Agricultural Research Service's Eastern Utilization Research and Development Division in Wyndmoore, Pa. Scanlan is best known for his research program on animal fat, which led to the development of some important commercial products, including a purified oleic acid and a stabilizing plasticizer that enables plastic compositions to withstand the effects of heat and light. He also developed several processes for obtaining lanolin derivatives from wool wax.

Recent Deaths

Parry Borgstrom, Washington, D.C.; 71; superintendent of the U.S. Naval Research Laboratory's Chemistry Division from 1933 until his retirement in 1954; received the Navy's Distinguished Civilian Service Award in 1946; was instrumental in the development of anti-chemical-warfare equipment, aids for personnel downed at sea, and improved methods of fighting oil fires; 25 Feb.

David M. Gould, Denver, Colo.; 48; chairman of the department of radiology at the University of Colorado School of Medicine; formerly department head at the University of Arkansas Medical Center; 1 Apr.

Harry E. Hammond, Columbia, Mo.; 77; emeritus professor of physics at the University of Missouri, where he taught for 35 years; retired in 1955; 18 Mar.

Thomas H. Lanman, Chestnut Hill, Mass.; 69; clinical professor of surgery, emeritus, at Harvard University, where he served from 1928 to 1957; was a pioneer in the surgical treatment of pulmonary disorders in infants and young children; 25 Mar.

George F. Myers, Jackson Heights, N.Y.; 96; pioneer in aviation and a contemporary of the Wright brothers; credited with inventions pertaining to the earliest heavier-than-air flying machines, helicopters, and parachutes; was a practicing patent attorney; 5 Apr.

Howard C. Naffziger, San Francisco, Calif.; 76; pioneer brain surgeon and former president of the American College of Surgeons; retired in 1952 from the University of California as emeritus professor of neurological surgery and a regent of the university; was a department chairman for many years; developed diagnostic tests for tumors of the central nervous system and attained international renown for surgical techniques he devised for removal of tumors of the brain and pituitary gland; 22 Mar.

Harry Raymond, Albany, N.Y.; 85; astronomer; retired in 1939 from the Dudley Observatory, Albany; 23 Mar.

John Unrau, Edmonton, Alberta; 45; head of the department of plant science at the University of Alberta and past president of the Genetics Society of Canada; contributed to research in cereal genetics; 1 Mar.

Erratum: In the editorial for 7 April, "Equal but separate," the third sentence of the last paragraph should have read: "In the alternatives of no federal aid or federal aid with some of it going to racially segregated schools, the choice must be for the second alternative."