

HAROLD JESKEY, professor of chemistry at Southern Methodist University, and SAMUEL W. GEISER, head of the biology department, received faculty achievement awards during the university's recent founder's day banquet. The \$500 faculty awards were instituted this year.

FRED H. RHODES, virtually the founder of Cornell University's School of Chemical and Metallurgical Engineering, became professor emeritus on 1 July. When Rhodes first taught industrial chemistry in the College of Arts and Sciences 35 years ago, chemical engineering at Cornell was almost nonexistent. Rhodes has since worked steadily for its development. Gradually chemical engineering courses were included in the chemistry department curriculum, then a university degree was offered in the field, next a separate school was established, and finally a special building was erected.

Rhodes was graduated from Wabash College in 1910 and went to Cornell for a Ph.D. He taught chemistry for a year at the University of Montana, where the physicist Harold Urey was one of his students, and for 2 years at Cornell.

He then spent 3 years with the Barrett Company, becoming director of research. In this period he developed the divided-flow method for fractionating distilling columns, and designed the first continuous fractionating column with side-stream draw-off. Returning to Cornell in 1920, he started his crusade for chemical engineering.

GEORGE T. RADO and JAMES H. SCHULMAN, both of the Naval Research Laboratory, Washington, D.C., have been presented with the annual science awards of the NRL branch of the Scientific Research Society of America. Rado, head of the magnetism branch, received the society's Pure Science Award, and Schulman, head of the dielectrics branch, received the Applied Science Award.

Among those honored recently with Knox College alumni achievement awards were WILLIAM J. BAKER, professor of urology at Northwestern Medical School; JOHN R. MAYOR, former professor of mathematics and education at the University of Wisconsin who is now AAAS director of education; and JOHN S. GRAY, chairman of the department of physiology, Northwestern University.

LOUIS C. BIERWEILER, since 1937 curator of botanical collections at Harvard University's Botanical Museum, will retire this summer. He began his career of caring for the Blaschka glass

flowers at Harvard 56 years ago. He was just 15 when in 1901 he unpacked the first of the flowers, which came in regular shipments from 1887 to 1936.

The more than 800 hand-molded glass models were made by a father-and-son team of German artisans, Leopold and Rudolph Blaschka. The collection was a gift to Harvard from Mrs. Elizabeth C. Ware and her daughter, Miss Mary Lee Ware. It has been examined by more than 7 million tourists.

Bierweiler has been responsible for mounting, displaying, and repairing the specimens, which illustrate the life history of 169 plant families. The models include cross-sections of the plants, with all the details of the fine internal anatomy of the flower worked in threads and sheets of glass. Insect pollination is demonstrated by delicate glass bees, wasps, or flies crawling down glass petals covered with dots of colored glass pollen. Part of the glass flower exhibit is found in the economic botany portion of the museum. Here, the fungal infections of various fruits, including apple, pear, and strawberry, are shown.

This year's honorary degree recipients include the following:

JOSHUA H. BURN, professor of pharmacology at Oxford University, from Yale University.

HENRY J. M. CREIGHTON, retired Swarthmore chemistry professor, from Swarthmore College.

HELMUT C. DIEHL, director of the Refrigeration Research Foundation, from the University of Rhode Island.

MARION B. FOLSOM, Secretary of Health, Education and Welfare, from Swarthmore College.

WINIFRED GOLDRING, formerly Stage paleontologist with the New York State Museum, from Smith College.

ALAN GREGG, author of important medical articles, and former vice-president of the Rockefeller Foundation, from Western Reserve University.

JOHN K. LAMOND, member of the Cornell University faculty, from the University of Rhode Island.

PEARL McIVER, chief of nursing services, U.S. Public Health Service, from Western Reserve University.

ARTHUR E. PITCHER, mathematics professor at Lehigh University, from Western Reserve University.

DICKINSON W. RICHARDS, Lambert professor of medicine at Columbia University, from Yale University.

JAN OORT, director of the Observatory of Leiden and professor at the University of Leiden, from Harvard University.

DAVID SARNOFF, chairman of the board of the Radio Corporation of America, from the University of Rhode Island.

LEWIS L. STRAUSS, chairman of the U.S. Atomic Energy Commission, from the University of Pennsylvania.

RALPH M. WATERS, emeritus professor of anesthesiology at the University of Wisconsin, from Western Reserve University.

ROBERT B. WOODWARD, Morris Loeb professor of chemistry at Harvard, from Harvard University.

Recent Deaths

LAWRENCE T. FAIRHALL, Pine Orchard, Conn.; 68; physicist, retired science director of the National Institutes of Health and consultant for the U.S. Public Health Service; lectured at Yale University; 17 June.

ROLAND HAMMOND, Providence, R.I.; 81; vice president of the American Orthopedic Association, 1920-1936; 11 June.

HENRY KIRCHNER, Niagara Falls, N.Y.; 67; engineer and retired vice president and director of the Carborundum Company; developed a new silicon carbide formula; 14 June.

HENRY MEYER, Jr., Montclair, N.J.; 86; engineer and retired president of Meyer, Strong and Jones, mechanical and electrical engineers; author of a textbook on steam power plants; 17 June.

WILLIAM R. MILLIS, Washington, D.C.; 58; retired deputy chief for research and development in the Navy's Bureau of Ships; 9 June.

HERBERT MORGAN, Washington, D.C.; 82; retired principal astronomer at the Naval Observatory, who had been conducting research for Yale University, chairman of AAAS Section D-Astronomy in 1935; 11 June.

DAVID R. MORTERA, Long Beach, Calif.; 71; inventor and former head of Mexico's corps of engineers; 10 June.

JOHN RABBITT, Washington, D.C.; 49; staff geologist in the office of the chief geologist of the U.S. Geological Survey; 10 June.

LYNDON F. SMALL, Rockville, Md.; 59; scientist-director in the National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, and consultant to the U.S. Public Health Service; internationally known narcotics specialist who was elected to the National Academy of Sciences in 1941; editor of the *Journal of Organic Chemistry*, 1938-51; 15 June.

ALBERTO F. THOMPSON, Silver Spring, Md.; 49; head of the National Science Foundation's Office of Scientific Information, formerly chief of Technical Information Service for the Atomic Energy Commission and chemistry professor at the University of Minnesota and Massachusetts Institute of Technology; 18 June.