

HENRY RINDERKNECHT, formerly of Crooks Laboratories, England, has joined the staff of the California Foundation for Biochemical Research, Los Angeles, as director of the organic research division.

BRUNO VASSEL, former supervisor of organic and biochemical research for the International Minerals and Chemical Corporation at Skokie, Ill., has been named director of research for Johnson and Johnson Do Brasil in São Paulo, an affiliate of Johnson and Johnson, New Brunswick, N. J. Vassel has been particularly active in the fields of protein isolations; monosodium glutamate processes; amino acid analyses and syntheses; pharmaceuticals; polarograph; flotation reagents; detergents; and starch derivatives.

VICTOR CONQUEST, vice president of Armour and Company, who has directed the company's research activities in Chicago since 1931, has been named recipient of the Industrial Research Institute medal for 1956. The medal has been awarded annually since 1945 to honor "outstanding accomplishment in leadership in or management of industrial research which contributes broadly to the development of industry or the public welfare." Formal presentation of the medal will be made next April at the institute's annual meeting in White Sulphur Springs, W. Va.

Conquest's original department consisted of 15 persons; the Armour technical staff now has more than 400 members. They have developed hormone and enzyme products including ACTH, from meat animals, chemicals made from fats, and many other products.

RICHARD M. HERMES, formerly with International Business Machines, has joined the staff of Stanford Research Institute as a senior research engineer in the control systems laboratory. He will work on the design of electromechanical controls for paper-handling and electronic data-processing systems.

OLLE RIMER, a Swedish industrial engineer, has been assigned by the United Nations Educational, Scientific and Cultural Organization to teach engineering at the Indian Institute of Technology in Kharagpur. Rimer is on leave from his post as assistant professor of industrial engineering at the Royal Institute of Technology and the Chalmers Institute of Technology, Stockholm. The third Swedish national to be sent to India by UNESCO on a technical assistance mission, Rimer will join an international team of scientists that has been working with the Indian Institute of Technology since 1951.

DEAN W. ROBERTS of Baltimore, Md., medical administrator, physician, and leader in the field of public health, has been appointed executive director of the National Society for Crippled Children and Adults, Chicago, Ill. Roberts, since 1952 director of the National Commission on Chronic Illness, will succeed LAWRENCE J. LINCK, who has been executive director of the National Society since 1945.

F. REINHARD, former director of the department of pharmacology for Mead Johnson Research Laboratories, has been appointed director of pharmacologic research at Baxter Laboratories, Inc., Morton Grove, Ill.

DONALD V. SARBACH has been appointed to the newly created position of research director of Hewitt-Robins, Inc., Stamford, Conn. He will be a member of the company's executive staff in Stamford and will serve in an advisory capacity to technical and research departments at manufacturing plants in Buffalo, N.Y.; Passaic, N.J.; Fremont, Ohio; and Chicago, Ill. Sarbach was previously associated with the B. F. Goodrich Company, Akron, Ohio, where he was technical manager for development of new industrial products.

RALPH A. ALPHER, since 1944 a physicist at the Applied Physics Laboratory, Johns Hopkins University, has joined the chemistry research department at the General Electric Research Laboratory, Schenectady, N.Y.

EDWARD MACK, since 1941 chairman of the department of chemistry at Ohio State University, has asked to be relieved of the chairmanship in order to devote himself to teaching and research. HARVEY V. MOYER will serve as acting chairman until a permanent appointment has been made.

The following appointments to assistant professor have been announced. Southern Illinois University: EDNA DUDGEON, zoology (genetics); HOWARD J. STAINS, zoology (mammalogy). Massachusetts Institute of Technology: MELVILLE CLARK, JR., chemical engineering.

## Necrology

THEODORE BELZNER, Brooklyn, N.Y.; 76; retired civil engineer; 18 Nov.

E. STEUART DAVIS, Southampton, N.Y.; 73; early developer of lighter-than-air craft; 17 Nov.

CHARLES W. EDWARDS, Durham, N.C.; 81; retired professor of physics, Duke University; 17 Nov.

EDWIN KIRK, Washington, D.C.; 70;

paleontologist and geologist who served with the U.S. Geological Survey from 1909 until his retirement in January 1955; 16 Nov.

JOSEPH LILIENTHAL, Baltimore, Md.; 44; head of the environmental medicine department at Johns Hopkins School of Hygiene and Public Health; 19 Nov.

ROBERT K. PHELAN, Germantown, N.Y.; 46; bacteriologist and chemist; president of Taconic Farms, Inc.; 17 Nov.

OSCAR RAGINS, Chicago, Ill.; 62; clinical associate professor of medicine at the University of Illinois Medical School; 19 Nov.

GERHARD ROLLEFSON, Berkeley, Calif.; 55; professor of chemistry at the University of California; 15 Nov.

GERALD WILLARD, Fanwood, N.J.; 54; retired physicist of the technical staff of Bell Telephone Laboratories, Murray Hill, N.J.; 18 Nov.

## Education

■ Seventeen of Britain's largest firms have established a fund of more than \$4 million to stimulate scientific education in secondary schools. With the rapid growth of the electronics and nuclear industries, it is felt that the country must be assured an adequate flow of scientists and technologists for the future.

Aid will take the form of capital grants for the building, expansion, modernization, and equipment of science buildings in independent schools and other schools that lack public funds. The fund will assist the teaching of pure and applied science and mathematics in secondary schools of this type.

Among the firms contributing are Rolls Royce, English Electric, I.C.I., Courtaulds, and Shell Oil. Among them, these companies have contributed approximately \$4.2 million, but it is expected that this sum will grow as more firms join the fund. A statement from the fund members says "it is believed that many other companies that depend on adequate supplies of pure and applied scientists and technologists will wish to add their support, in their own as well as the national interest. . . ."

■ Last month the University of Chicago organized a special tour that represented a contribution of the university toward overcoming the country's shortage of scientists. In 13 major laboratories of the Institutes for Basic Research, faculty members demonstrated their current investigations to more than 400 science students, teachers, and principals from high schools in the Chicago area.

"It is a matter of critical importance, perhaps of survival, that the United States develops more highly trained scientists," Warren Johnson, dean of the di-