California Institute of Technology has announced the appointment of the following research fellows:

TOYOKI KOGA is on leave from Nagoya University, Japan, where he is professor of engineering and director of the automatic control laboratory.

HERBERT RHINESMITH is on sabbatical leave from Allegheny College, Meadville, Pa., where he is associate professor of chemistry.

JOHN SEDDON, previously with the Royal Aircraft Establishment, England, is joining the institute on a Commonwealth fellowship in aeronautics.

LLOYD S. SHAPLEY has been a senior research investigator with the Rand Corporation, Santa Monica, Calif.

Necrology

ROBERT H. HALSEY, New York, N.Y.; 82; heart specialist and a professor of medicine at Columbia University Postgraduate Medical School, 1917–39; since 1939, a consultant to Goldwater Memorial Hospital; one of the founders of the American Heart Association and its president 1932–33; 15 Sept.

REYNOLDS L. HAAS, Ann Arbor, Mich.; 41; associate professor of obstetrics and gynecology at the University of Michigan Medical School; 20 Sept.

ABRAHAM LEVINSON, Chicago, Ill.; 67; expert on mental retardation in children, professor of pediatrics at Northwestern University Medical School, and author of a number of widely used textbooks; 17 Sept.

JOHN M. MELICK, Cresskill, N.J.; 62; engineer at Bell Telephone Laboratories, New York; designer of military equipment and devices, contributor to rocket development and the Nike guided missile network; 18 Sept.

EDWARD NELSON, Arlington, Va.; 64; communications specialist, scientific chief of research and development of the Army Signal Corp; 21 Sept.

JOHN POTZGER, Indianapolis, Ind.; 69; specialist in paleobotany and forest history, professor and head of the botany department at Butler University; a former president of the Ecological Society of America and its 1955 representative to the AAAS council; 18 Sept.

DONALD REDDICK, Gainesville, Fla.; 62; emeritus professor of plant pathology at Cornell University; 2 Apr.

FREDERICK D. RICHEY, Knoxville, Tenn., 71, geneticist and for 37 years a member of the U.S. Department of Agriculture, 11 Sept.

CHARLES SOLOMON, Brooklyn, N.Y.; 59; specialist in internal medicine and a drug expert; professor at New York University Medical College, lecturer at Long Island College of Medicine and New York State University College of Medicine, and a member of the advisory commission of *U.S. Pharmacopoeia*; 15 Sept.

D. H. UDALL, Ithaca, N.Y., 81, emeritus professor of veterinary medicine at Cornell University, 9 Sept.

MATHILDA K. WALLIN, Elmsford, N.Y.; 97; physician and since 1916 a member of the executive committee of the American Women's Hospitals; 21 Sept.

Education

■ A new physical sciences building to house the departments of astronomy, mathematics, and meteorology is under construction at the University of California, Los Angeles. Located at the north end of the Court of Sciences, the $1,700,000 L-shaped structure will be connected to the Engineering-Physical Science Building No. 2, for which funds were recently provided. Expected completion date of the Physical Sciences Building is January 1957.

The new building will give the departments of astronomy, mathematics, and meteorology a teaching and research facility containing 18 classrooms, 18 laboratories, 13 office-laboratories, 51 faculty offices, 3 seminar and conference rooms, and a first floor lecture hall capable of seating 127 persons.

■ New research laboratories for the study of diseases of the lungs, heart, kidneys, and blood vessels are to be established by Northwestern University Medical School. Plans call for specially designed and equipped laboratories, examination and treatment rooms, and facilities for nursing care and social service on the third floor of the Montgomery Ward Memorial Building at the university's Medical Center in Chicago.

Chest and circulatory diseases are leading causes of death in this country, claiming more than 750,000 lives each year. The new medical unit will be devoted to research studies designed to advance understanding of these diseases, education to provide physicians with new knowledge to fight them, and improved treatment to aid those who are afflicted. Patients will be studied in the clinic as outpatients. This will make it possible to study chronic diseases in an early stage and to follow a patient's progress for years if necessary.

Special equipment for diagnosis and research will include a treadmill, used in testing the efficiency of heart and lung function under varying degrees of rest, exercise, and stress. Oxygen consumption is measured from collections of the air that the subject breathes while exercising. Equipment will also include electrocardiographs, a ballistocardiograph, x-ray and fluoroscope units, and heart catheterization equipment.

■ The F. W. Olin Science Building at Bucknell University was dedicated on 28 Sept., when Charles L. Horn, president of the Olin Foundation, formally presented the building to the university. A $900,000 gift from Olin made the new structure possible; it will house the departments of chemistry, mathematics, and physics.

Principal speaker for the occasion was JOHN C. WARNER, president of Carnegie Institute of Technology, who also was awarded an honorary degree. Other degree recipients were ROBERT B. WOODWARD of Harvard University; LEONARD W. LABAREE of Yale University; HAROLD K. SCHILLING of the Pennsylvania State University; RAYMOND L. WILDER of the University of Michigan; and RAY G. DAGGS of the Army Medical Research Laboratory at Fort Knox, Ky.

Grants, Fellowships, and Awards

■ The National Academy of Sciences–National Research Council is prepared to award a limited number of senior postdoctoral fellowships in physiological psychology beginning this year. These awards, which are made possible by the generosity of the Carnegie Corporation of New York, will be for a period of 1 year. They are renewable. Stipends will be appropriate to the candidate's academic qualifications and will in general parallel those in other, advanced postdoctoral programs.

The principal objective of the new senior-fellowship program is to stimulate wider development and correlation of knowledge in physiological psychology. One approach to this goal consists of increasing the number of investigators who are qualified to pursue research in physiological psychology because of their familiarity and proficiency in more than one discipline. Another approach involves increasing the number of research centers in which this interdisciplinary research is supported and encouraged.

The senior fellowships are intended to enable young psychologists to spend 1 or 2 years in an environment where physiological research is in progress and where contact with nonpsychologists, expert in their own fields, will be maximized. Of equal importance will be the support of young physiologists who wish to spend the period of their fellowships in a working relationship with psychological investigators. The sponsors of the program hope in this manner the techniques and points of view of the psychologist will be made familiar to a growing number of physiologically oriented groups, and that at the same time modern physiological methods and theories will become a part of the thinking of more and more research psychologists.