

celeration. The late Dr. Liljencrantz, whose memory the award perpetuates, was a reserve naval Medical Corps officer who lost his life in an aircraft accident in 1942 while conducting experiments with a new type of accelerometer.

Maj. DAVID G. SIMONS, USAF (MC), chief, space biology branch, Aero Medical Field Laboratory, Holloman Air Force Base, N.M., received the Arnold D. Tuttle award for the best research report published in the *Journal of Aviation Medicine* in the past 2 years. The winning article was "1954 Aero medical field laboratory balloon flights; physiological and radiological aspects."

Capt. CHARLES F. GELL, MC, USN, director, Air Crew Equipment Laboratory, Naval Material Center, Philadelphia, received the Theodore C. Lyster award, which is given annually for outstanding achievement in the general field of aviation medicine. Gell is a specialist in acceleration.

Brig. Gen. EUGEN G. REINARTZ, USAF (MC), retired, Carmel Valley, Calif., received the Raymond F. Long-acre award, which is given annually for outstanding accomplishments in the psychologic and psychiatric aspects of aviation medicine.

ROBERT P. RICE, formerly chief chemist at the Columbia Southern Chemical Corporation, Jersey City, N.J., has joined the American Potash and Chemical Corporation as chief control chemist at the company's Henderson, Nev., plant.

HENRY KOFFLER, professor of bacteriology at Purdue University, received the \$1000 Eli Lilly research award in bacteriology and immunology during the recent meeting of the Society of American Bacteriologists. He was honored for research achievements that include: discovery of unique chemical structures that permit some organisms to thrive at temperatures high enough to kill most living creatures; studies on structural polymers in microorganisms, especially fibrous proteins in bacteria and cell-wall substances in fungi; clarification of the intimate details of metabolism in such molds as those that synthesize penicillin and streptomycin; and development of the peptide antibiotic circulin (including its crystallization and studies on its chemistry), and the demonstration that this antibiotic acts on the surface structures of bacterial cells rather than within the cells.

R. W. TOWNLEY, chemist, who has headed basic research at Personal Products, Milltown, N.J., for the past 3 years, resigned recently to form his own firm, known as Townley Research and Consulting, Gillette, N.J.

NATHAN J. SMITH, associate professor of pediatrics at the University of California, Los Angeles, has been named chairman of the University of Wisconsin Medical School's department of pediatrics, pediatrician-in-chief of University Hospitals, and the university's first Dr. Alfred D. Daniels professor on diseases of children.

Also at Wisconsin, JOSHUA LEDERBERG has been named half-time chairman of the department of medical genetics. Lederberg will continue his work, on a half-time basis, in the department of genetics of the College of Agriculture.

The following men were honored at the first Pan American Cancer Cytology Congress: JOSE M. MEZZADRA of the University of Buenos Aires, Argentina, received the University of Miami award of merit; GEORGE GEY of Johns Hopkins University received the Wien award for 1956; and WILLIAM TERZANO of Buenos Aires, Argentina, received the Wien award for 1957.

EDWARD L. MICHAELS, specialist in electronics and color television, will teach electrical engineering classes at the Finland Institute of Technology, Helsinki, during a leave of absence from the Hughes Aircraft Company research laboratories.

FERDINAND P. BEER, who joined the Lehigh University faculty in 1947, has been named head of the department of mechanics. The establishment of a curriculum in engineering mechanics starting this September was approved by the university's board of trustees at its spring meeting.

C. D. DAVIS of the University of Missouri School of Medicine has resigned as professor in obstetrics and gynecology to accept an appointment to Yale University Medical School. Also at Missouri, W. A. SODEMAN has resigned as chairman of the department of medicine effective 1 Aug.

HOMER R. WOLFE has joined the staff of the Wenatchee (Wash.) Field Station of the U.S. Public Health Service's Communicable Disease Center. As an entomologist he will be conducting exposure studies to evaluate the health hazards associated with the agricultural uses of pesticides. Wolfe leaves the Tree Fruit Experiment Station of the State College of Washington, where he has been employed as an entomologist for the last 10 years. He replaces GORDON S. BATCHELOR, who resigned in November 1956 to do technical service work for the General Chemicals Division of the Allied Chemical and Dye Corporation.

D. T. SMITH, James B. Duke professor of bacteriology in the Duke University Medical School and chairman of the department of microbiology and the department of preventive medicine and public health, has received the Trudeau medal of the National Tuberculosis Association. He was selected for the award as the person who has made the most outstanding contribution in tuberculosis work in the United States.

Dartmouth College has announced that the following professors will retire this year: FREDERICK PAGE and JAMES POOLE, botany; ANDREW SCARLETT, chemistry; and ELLSWORTH D. ELSTON, geology.

Recent Deaths

NELL V. BEEBY, Jackson Heights, N.Y.; 60; executive editor of the American Journal of Nursing Company; 17 May.

ARTHUR F. BENTLEY, Paoli, Ind.; 86; author, philosopher, and political scientist whose writings included works on mathematics and the philosophy of science; 21 May.

KARL F. BONHOEFFER, Goettingen, Germany; 58; head of the Max Planck Institute for Physical Chemistry; announced 20 May.

DOUGLASS BURNETT, Baltimore, Md.; 85; utilities executive, early research worker in the development of electricity who was associated with Thomas A. Edison; 16 May.

THÉOPHILE DE DONDER, Brussels, Belgium; 84; professor emeritus of mathematical physics at the University of Brussels; 11 May.

FLOYD C. FAIRBANKS, Kingsville, Tenn.; 75; retired professor of physics and astronomy at the University of Rochester; 22 May.

WALTER M. LIPPINCOTT, Lynbrook, N.Y.; 85; retired orthopedic surgeon and former professor at New York Post-Graduate Hospital and Medical School; 15 May.

HAROLD L. LYON, Honolulu, Hawaii; 77; director emeritus of the Experiment Station, Hawaiian Sugar Planters' Association; botanist and former director of the Foster Botanical Gardens; 15 May.

WERNER WOLFF, Annandale, N.Y.; 53; professor of psychology and chairman of the department at Bard College; 18 May.

Erratum: In "Potentially simple technique for rearing 'germ-free fish' by Evelyn Shaw [*Science* 125, 987 (17 May 1957)] the second sentence of the second paragraph should read: "Of 25 trials (consisting of 10 eggs per trial) treated in this manner (3), eight trials remained germ-free throughout the experiment."