

THE MONTH AT CALTECH

Fisher Award

DR. ERNEST H. SWIFT, Caltech Professor of Analytical Chemistry, received the \$1,000 Fisher Award in Analytical Chemistry at the spring meeting of the American Chemical Society in Cincinnati on April 2.

The award, which was announced last fall (*E&S*—October '54), is sponsored by the Fisher Scientific Company of Pittsburgh, and is given annually "to recognize and encourage outstanding contributions to the science of analytical chemistry, pure or applied—carried out in the United States or Canada."

A member of the Caltech faculty for 35 years, Professor Swift is recognized as one of the greatest living analytical chemists and the world's leading authority on the use of physico-chemical principals for chemical analysis.

An official investigator for the Office of Scientific Research and Development during World War II, Dr. Swift worked on problems related to the identification of chemical warfare agents and their detection in the field. He also helped develop a comprehensive system

of chemical analysis for use by Army chemical laboratories in the field. More recently he has pioneered in the development of coulometric analysis—the use of an electric current to detect and measure chemical elements—and is recognized as the foremost authority in this field.

Dr. Swift received the BS degree from the University of Virginia in 1918 and the MS and PhD at Caltech. He joined the Caltech faculty as an instructor in 1920 and was named Professor of Analytical Chemistry in 1913.

Honors from France

THE REPUBLIC OF FRANCE has awarded two new honors to Dr. Theodore von Karman, Caltech Professor of Aeronautics Emeritus. For many years a corresponding member of the French Academy of Sciences, Dr. von Karman has now been elected a full foreign member of the Academy. He is one of only 14 non-French scientists so honored. He has also

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been elevated to the highest rank of the French Legion of Honor—that of commander. He was made an officer of the Legion in 1947.

Dr. von Karman has been chairman of the Advisory Group for Aeronautical Research and Development (AGARD) of NATO since 1951 and chairman of the Scientific Advisory Board to the Chief of Staff, U.S. Air Force, since 1944. Now in Pasadena, he plans to return to his AGARD duties in Paris in mid-April.

NSF Fellowships

TWENTY-FOUR Caltech students have been selected by the National Science Foundation in Washington to receive graduate fellowships in the natural sciences for the 1955-56 academic year. Six of the fellows are now Caltech seniors and 18 are graduate students here. Sixteen of the 24 plan to continue their work at Caltech.

They were chosen on the basis of ability as determined by scores in fellowship examinations for scientific aptitude and achievement, academic record, and recommendations.

The awards are made by the Foundation to encourage students with scientific aptitude to continue in advanced studies in preparation for careers in scientific research and teaching. Pre-doctoral fellowships carry stipends of \$1,400 for the first year, \$1,600 for intermediate years, and \$1,800 for the terminal year of graduate study. Post-doctoral fellowships carry a stipend of \$3,400. All awards include additional allowances for dependents, tuition, and other normal expenses.

Caltech seniors selected for NSF fellowships are *John P. Andelin, Jr., Charles J. Brokaw, John J. Domingo, John L. Honsaker, Thomas W. Noonan, and Richard J. Piccolini.*

Graduate students awarded fellowships to continue their graduate work are *Thomas H. Applewhite, Albert T. Bottini, Jon Mathews, John S. Mathis, Matthew S. Meselson, William B. Nichols, W. Barclay Ray, Willard F. Rusch, Ronald L. Shreve, Charles M. Steinberg, Walter R. Thorson, William G. Tift, Hal R. Waite, and William G. Woods.*

Post-doctoral fellowships for advanced study and research were awarded to *Gary Felsenfeld, Edwin J. Furshpan, Donald L. Glusker, and Robert J. Metzberg, Jr.*

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