

THE MONTH AT CALTECH

HONORS AND AWARDS

Caltech President Lee A. DuBridge has been given the Award of Merit by the Los Angeles Junior Chamber of Commerce in recognition of his contributions to science, educational television, and education. This top civic award is given annually for meritorious and outstanding service of public benefit to the community.

Eugene M. Shoemaker, Caltech research associate and a U.S. Geological Survey Scientist, has been named the 1967 recipient of the Arthur S. Fleming Award. This award is given annually to outstanding men in the federal government who are under 40 years of age. Dr. Shoemaker has been chief scientist at the U.S. Geological Survey's Center of Astrogeology in Flagstaff, Arizona, since 1961. During this time he has led an intensive program to map the moon geologically and to study its composition, structure, and geologic history.

Frederick C. Lindvall, chairman of Caltech's division of engineering and applied science, is one of five men to receive a 1967 Engineering Alumni Award from the University of Illinois College of Engineering. The awards are given to alumni or former staff members of the university "who are distinguished as a result of their outstanding leadership in engineering, industry, or public affairs . . ." Dr. Lindvall was selected for his contributions to the modernization of engineering education, to teaching, and to professional societies.

Sheldon K. Friedlander, Caltech professor of chemical and environmental health engineering, has been named to the first editorial advisory board of *Environmental Science and Technology*, a new monthly publication of the American Chemical Society. The magazine will present comprehensive reports and research papers on man's environment and its control, with special emphasis on water, air, and waste chemistry.

THE NEXT NINETY YEARS

When Caltech professors James Bonner, Harrison Brown, and John Weir wrote *The Next Hundred Years* in 1957, they never expected to have to revise their long-range predictions in only ten years. At a conference held at Caltech on March 7 and 8, however, they did just that—assisted by professors Norman Brooks and Thayer Scudder.

The Next Ninety Years, a conference sponsored by the Office for Industrial Associates of the Institute for representatives of business, industry, and government, featured a panel discussion by the five experts dealing with new factors of population growth and technological development. These factors have caused them to make vast revisions in their predictions about the future of the world's population crisis and technical-industrial culture.

World population, estimated in 1957 to grow to 3.3 billion by 1980, reached that number two years ago. By the year 2000, it will be 7.5 billion. This undreamed of rate of increase makes the threat of starvation more ominous.

Other conference speakers who discussed the problems of overpopulation and hunger and the challenge of environmental pollution control were J. George Harrar, president of The Rockefeller Foundation, and Athelstan Spilhaus, dean of the Institute of Technology, University of Minnesota.

HAYNES FOUNDATION LECTURES

Charles W. Yost, a senior fellow of the Council on Foreign Relations in New York City, comes to Caltech next month as Haynes Foundation Lecturer on April 18, 19, and 25 in Dabney Lounge. Mr. Yost, who was deputy permanent representative to the United Nations from 1961 to 1966, will speak on "The Prospect for Stability in the World Today." This is the fourth such lecture series presented at Caltech in the last 10 years. The Haynes Foundation supports research in the social sciences and visiting lecturers at California universities.

PROVOST FROM CALTECH

Paul D. Saltman, professor of biochemistry at the University of Southern California, has been appointed provost of Revelle College at the University of California at San Diego. The appointment, made by the University Board of Regents, is effective July 1.

Revelle College has an enrollment of about 2,000 students and is the first of 12 colleges that will eventually make up the UCSD campus. The second, John Muir College, will open in the fall of 1967.

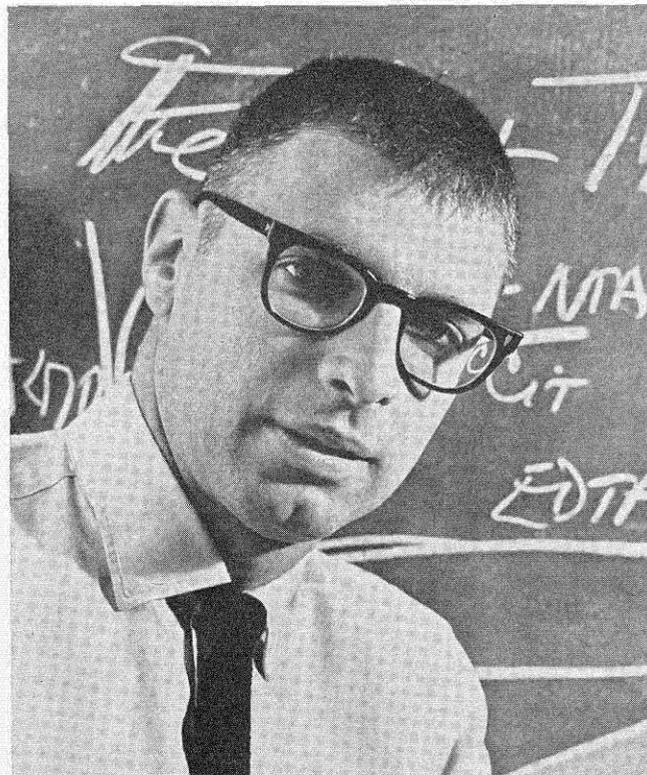
Dr. Saltman received his BS in chemistry from Caltech in 1949. After a year of graduate research at the College de France in Paris, he returned to the Institute and received his PhD in biochemistry in 1953. He then joined the faculty at USC as an instructor in biochemistry. He was named assistant professor in 1954, associate professor in 1958, and professor in 1961.

Although he is active in both undergraduate and graduate teaching programs at USC, Dr. Saltman is especially concerned with the problem of making scientific developments clear to the layman. He has worked on a number of television programs interpreting biology for the layman and has presented several radio programs dealing with the need for creative scientists.

TO A YOUNG SCIENTIST

"What are you going to finally own at the end of your life span? I will tell you exactly what you can own. You are never going to own any of your friends, never going to own any of your relatives; you are never going to understand your mother or your father, or any of your friends, or wives or husbands. You are never going to own the house you live in; it's a place you stay in on your way to the other side of the abyss. But what at the end of your life are you going to own? Your work. That is all you are ever going to have. So you damned well better get in and find out more about it and fall in love with it so that it really becomes yours."

This counsel from Ray Bradbury, fiction writer



Paul D. Saltman, professor of biochemistry at USC.

and "teller of tales," was offered to Caltech students at the YMCA Freshman Dinner Forum on February 24. Bradbury entertained, advised, cautioned, encouraged, and, in conclusion, wished his audience "... a fantastic, exciting, and revealing search—great, great emotion and the cycling round of intellectuality and back out to emotion again ..."

NEWS FOR ALUMNI

Caltech alumni, who now number more than 9,000, will receive the first issue of an alumni newspaper in April. *Caltech News* will be published every other month from October to June.

The new publication makes its appearance as a result of an eight-month study of alumni-Institute relations conducted last year by a group of 25 Caltech alumni from the classes of '26 to '58. The new eight-page newspaper will be produced by the Institute in cooperation with the Alumni Association.

Ray Bradbury ...encouraging...

cautioning...

advising...

entertaining...

