

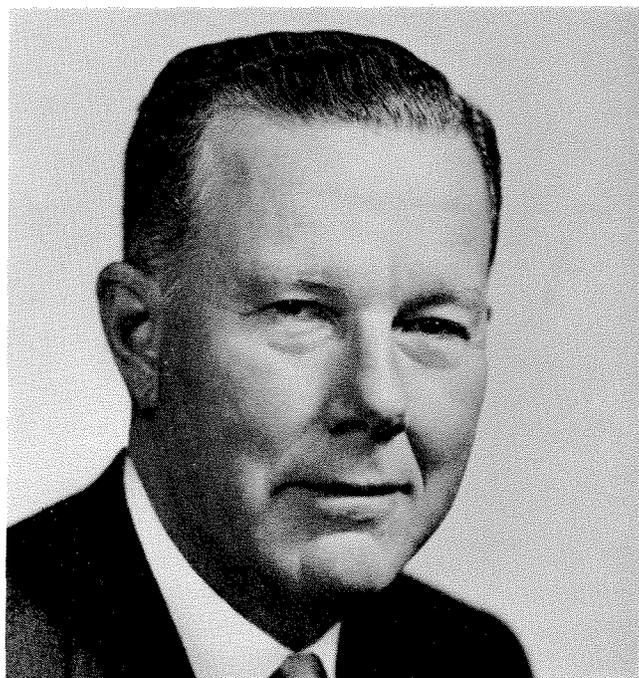
# The Month at Caltech

## *New Trustee*

L. F. McCollum, president of the Continental Oil Company, was elected to the Caltech board of trustees this month. He is the fourth national trustee named by Caltech in a move to broaden the geographic base of its board membership. Three others recently elected were Robert F. Ingersoll, Frank Pace, Jr. and Thomas J. Watson.

Mr. McCollum received a geology degree from the University of Texas in 1925 and went to work in Texas as a scout and geologist for the Humble Oil and Refining Company. In 1934 he became exploration manager of the Carter Oil Company in Tulsa, Oklahoma, and served as president of the company from 1941 to 1943. He then moved to New York as assistant coordinator of all Standard Oil Company of New Jersey production activities in 1943. He became coordinator in 1944 and president in 1947.

Mr. McCollum holds directorships in six Continen-



*L. F. McCollum, Caltech trustee.*

tal subsidiaries and affiliates and is also a director of the Morgan Guaranty Trust Company in New York and the Chrysler Corporation. He is chairman of the Airport Expansion Committee of the U.S. Department of Commerce, vice chairman of its Business Advisory Council, and chairman of its committee on International Trade and Commerce. He is a member of the executive committee and board of directors of the American Petroleum Institute, and serves on the advisory boards of the University of Texas Geology Foundation and of the department of petroleum engineering.

## *Margaret Mead*

Anthropologist Margaret Mead will be on campus from April 10-12 as the second of the Caltech YMCA's Leaders of America this year. Dr. Mead is adjunct professor of anthropology at Columbia University in New York and associate curator of ethnology at New York's Museum of Natural History. She is well known for her studies of native peoples on the islands of the Pacific. In recent years, she has turned her attention to the problems of contemporary cultures in the light of the perspective gained from her knowledge of small, homogeneous and stable societies. Dr. Mead is a graduate of Barnard (1923) and received her MA and PhD from Columbia University in 1924 and 1929. Dr. Mead will have numerous informal discussions with students, and will give two formal lectures on April 10 and 11. Her first talk will be about the effects of Western technology on primitive cultures, and her second one will deal with "The College Man's Dilemma — Four Years of Sexual Uncertainty."

## *Aerobiology in Germany*

Alexander Goetz, associate professor of physics at Caltech, has been appointed advisory director of the Science Division of the Institute of Aerobiology in Graftschaff, West Germany. He will spend three months a year there in two six-week periods on a contract that runs until 1963. His work will concern

the organization and direction of research on colloidal air pollution in the form of extremely small liquid or solid particles (smog, for example). The research will be aimed at neutralizing such atmospheric by-products. The German Institute of Aerobiology was started after World War II, originally for the study of the effects of mining and industrial air pollution on respiration.

Dr. Goetz, who has been on the Caltech faculty for 34 years, has spent the last dozen years in studies of aerosols under the sponsorship of the U.S. Public Health Service and the California State Department of Health.

### Three Sloan Grants

Three Caltech professors received two-year unrestricted grants from the Alfred P. Sloan Foundation this month. Felix Boehm, associate professor of physics, will receive \$10,000 a year; Robert M. Mazo, assistant professor of physical chemistry, and G. Wilse Robinson, associate professor of physical chemistry, will each receive \$6,000 a year. They are among 70 university scientists at 35 United States and two Canadian institutions receiving the grants.

Dr. Boehm plans to continue his investigations of the unusual patterns of the collective excitation of deformed nuclei in rare earths. A native of Switzerland, Dr. Boehm was graduated from the Swiss Fed-

eral Institute of Technology in Zurich. He received his PhD there in 1951. In 1952 he came to the United States to do postgraduate work at Columbia University and joined the Caltech faculty in 1953.

Dr. Mazo will continue theoretical work on fluids connected with transport properties. A native of Brooklyn, Dr. Mazo received his BS from Harvard in 1952 and his MS and PhD from Yale in 1953 and 1955. He has been at Caltech since 1958.

Dr. Robinson will use his grant for more work in low temperature chemistry. He received his BS and MS from Georgia Institute of Technology and his PhD from the University of Iowa in 1952. He was an assistant professor at Johns Hopkins University from 1954 to 1959, when he came to Caltech.

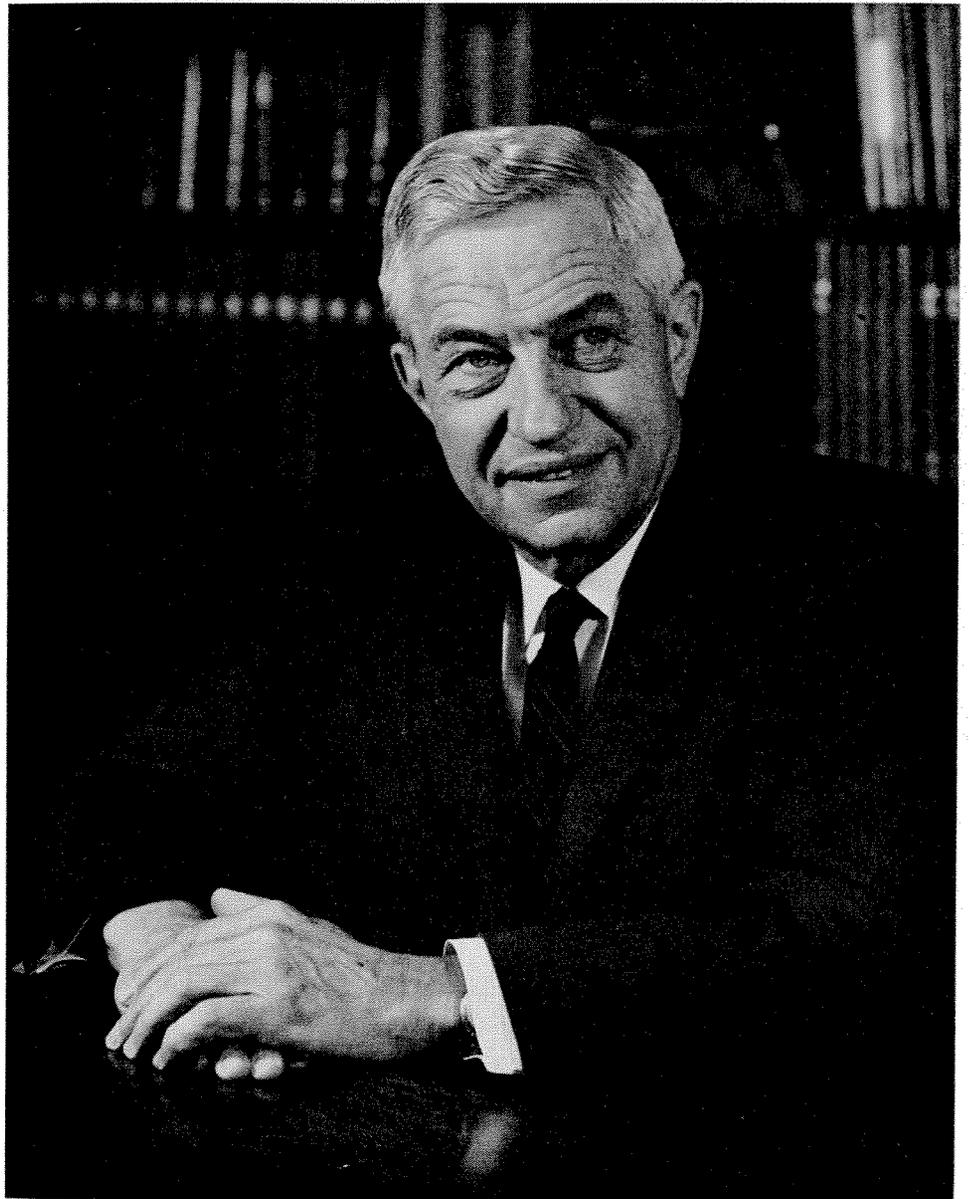
### Carnegie Lecturers

Dr. I. I. Rabi, Nobel laureate in physics from Columbia University in New York, and Sir Solly Zuckerman, M.D., professor of anatomy at the University of Birmingham in England, were the principal participants in a discussion on "Science and Public Policy" at Caltech on March 15. The meeting was one of the Carnegie Lecture Series held on the campus throughout the academic year.

Dr. Rabi is a member of the National Research Advisory Committee. In 1957 he was chairman of the President's Science Advisory Committee, and in 1955



*Carnegie lecturers Sir Solly Zuckerman and I. I. Rabi with Caltech faculty members after a luncheon discussion at the Athenaeum.*



*Caltech's President  
Lee A. DuBridge,  
winner of Pasadena's  
Arthur Noble Award*

was vice president of the International Conference on the Peaceful Uses of Atomic Energy.

Sir Solly is scientific advisor to the British Ministry of Defense, chairman of the British Defense Research Policy Committee, and deputy chairman of England's Advisory Council on Scientific Policy.

### *Industrial Associates Conference*

The Institute's Industrial Associates held a two-day conference, March 23-24, on the Application of Modern Techniques to the Study of the Structure and Properties of Metals and Alloys.

Caltech representatives at the conference included F. S. Buffington, associate professor of mechanical engineering; Donald S. Clark, professor of mechanical engineering; Pol Duwez, professor of mechanical engineering; James E. Mercereau, assistant professor of physics; Linus Pauling, professor of chemistry; Thad Vreeland, Jr., associate professor of mechanical en-

gineering; and David S. Wood, associate professor of mechanical engineering.

### *Pasadena's Noble Prize*

President Lee A. DuBridge will receive the city of Pasadena's Arthur Noble Award on April 11 at a banquet at the Huntington-Sheraton Hotel. The award was set up in 1924 to honor the person making the greatest contribution to the city for community betterment, particularly in the cultural or esthetic area.

During the past 20 years, Dr. DuBridge has received 16 honorary degrees. He has served on 15 advisory boards and committees for the Army, Navy, Air Force, Atomic Energy Committee, and the President. He is currently on the National Manpower Council, the National Science Board, National Advisory Health Council and the advisory panel on science and technology for the Committee on Science and Aeronautics for the House of Representatives.