

*Ian Campbell, professor of petrology at Caltech, who leaves to become State Mineralogist and Chief of the Division of Mines of the State of California.*

## The Month at Caltech

### *Departure*

Ian Campbell, professor of petrology at Caltech, starts a year's leave of absence next month to take the position of State Mineralogist and Chief of the Division of Mines of the State of California. He has been at Caltech since 1931.

He received his professional training at the University of Oregon, Northwestern University and Harvard University and has taught at Louisiana State University and at Harvard as well as Caltech. He has also served as a member of the United States Geological Survey and as an economic geologist to oil, mining and utility companies. He is known as one of the foremost authorities in the country on non-metallic mineral deposits.

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*Engineering and Science*

## The Month . . . continued

In his 27 years at Caltech, Dr. Campbell has been both a distinguished teacher and administrator. From 1950-52 he served as acting chairman of the geology division and since 1952 has been executive officer. A member of the Caltech Faculty Board since 1950, he was appointed vice-chairman in 1951 and chairman in 1952.

Beside serving in both world wars, Dr. Campbell has taken on a multitude of off-campus duties with professional groups, a local draft board (he has been chairman since 1948), a wartime rationing board and Boy Scout Council — to name just a few.

### Yuen Chu Leung

Yuen Chu Leung, senior research fellow in chemistry at Caltech, died on November 11 in Pasadena. She had been at the Institute since 1953 when she became a member of a group working with Dr. Linus Pauling and Dr. Robert P. Corey on the general problem of the structure of proteins.

Dr. Leung was born in Shanghai, China, in 1926. She was a graduate of the National University of Amoy where she was a student of Dr. Chai-Si Lu, a former research fellow at Caltech. In 1949 she came to the Rice Institute in Texas where she received her MS in 1951 and her PhD in 1953 as a student of Dr.

Jürg Waser, now professor of chemistry at Caltech. During the past two years, Dr. Leung headed a group which has made prolonged studies on the ultimate structure of crystalline proteins. With Dr. Richard E. Marsh, she determined the positions of all of the atoms in the most complex protein fragment whose structure has been completely determined to date. Dr. Leung is survived by her husband, Pui Lo Leung, a mechanical engineer, and a 16-month-old son, Michael Leung.

### Civilian JPL

Caltech's Jet Propulsion Laboratory was transferred this month from Army to civilian control. By order of President Eisenhower, the Laboratory's facilities have been made available to the National Aeronautics and Space Administration, an organization devoted to research in interplanetary communications and a peaceful conquest of space.

JPL will continue to be operated by Caltech, under the direction of William H. Pickering. Army projects already underway at the Laboratory will continue until they are completed sometime in 1959. For over a year, JPL has been occupied on the Sergeant program, a development of operational ballistic guided

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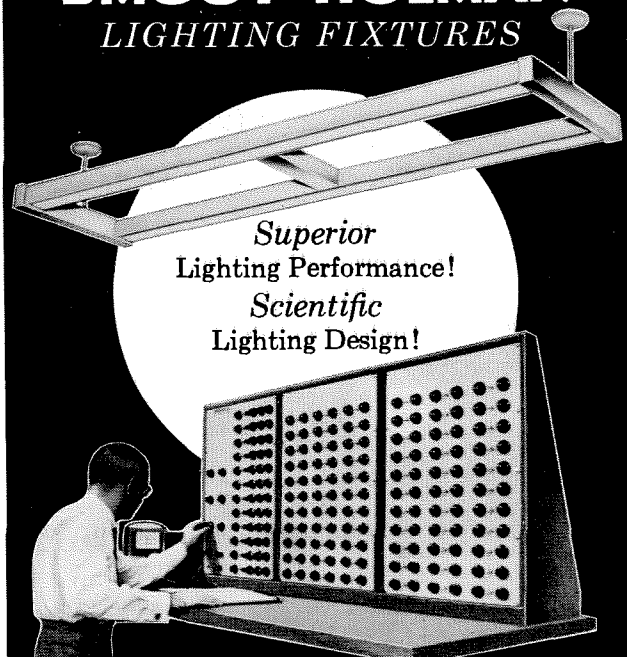
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### ALUMNI WINTER DINNER MEETING

January 22, 1959

**Speaker:** Thomas E. Curtis

Section Chief of Guidance System Test Engineering at Autonetics, a division of North American Aviation, Mr. Curtis was responsible for operation and maintenance of the inertial navigation system aboard the atom-powered submarine, USS Nautilus, during its voyage last August.

**Topic:** "96 Hours Under the Polar Ice"  
An account of the voyage of the Nautilus and other subpolar excursions.

Cocktails at 6, Dinner at 7

Rodger Young Auditorium  
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## The Month . . . continued

missiles for the Army's arsenal. Four projects which were originally under the direction of the Army are to be continued as projects of the NASA — two lunar probes (one of which was fired on December 6) and two satellite developments.

JPL facilities are valued now at more than \$55,000,000, and more than 2,300 scientists, engineers and supporting personnel are employed there. As a space laboratory, one of JPL's most important fields of research will be interplanetary communications.

### Dedication

Caltech's \$1,500,000 radio astronomy installation in the Owens Valley desert near Bishop, California, will be officially dedicated on December 19. Speakers at the ceremony will include Albert B. Ruddock, chairman of the Caltech Board of Trustees; Rear Admiral Rawson Bennett, chief of Naval Research; John Bolton, professor of radio astronomy at Caltech and scientific director of the new radio observatory; and Caltech President L. A. DuBridge.

Operated by Caltech and financed by the Office of Naval Research, the observatory boasts the world's most versatile radio telescope — twin 90-foot reflectors which will allow Caltech investigators to pinpoint radio signal sources millions of light years away.

### ALUMNI DIRECTORY SUPPLEMENT

A supplement to the 1958 Alumni Directory will be ready for distribution sometime around the middle of December. This supplement will list the names and addresses *ONLY* of those who received degrees in June, 1958. Copies of this supplement will be sent automatically to paid alumni who received a degree in 1958. Other paid alumni may secure a copy of this supplement by filling in the form below and sending it to the Alumni Office.

Please send a 1958 Directory supplement to:

Name.....

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