

# The Month at Caltech

## *Guggenheim Fellowship Awards*

Two Caltech professors have been selected to receive 1963 Guggenheim Fellowship Awards — Jurg Waser, professor of chemistry; and Fred C. Anson, associate professor of analytical chemistry.

Dr. Waser will make his headquarters at the Eidtenössische Technische Hochschule in Zurich, Switzerland, while he visits a number of other European schools to investigate their methods of teaching chemistry.

Dr. Anson will continue his research in electrochemistry at the Université Libre de Bruxelles in



*Fred Anson, associate prof. of analytical chemistry.*

Belgium. He will be collaborating with Dr. Lucien Gierst, an eminent authority on the electrical double layer.

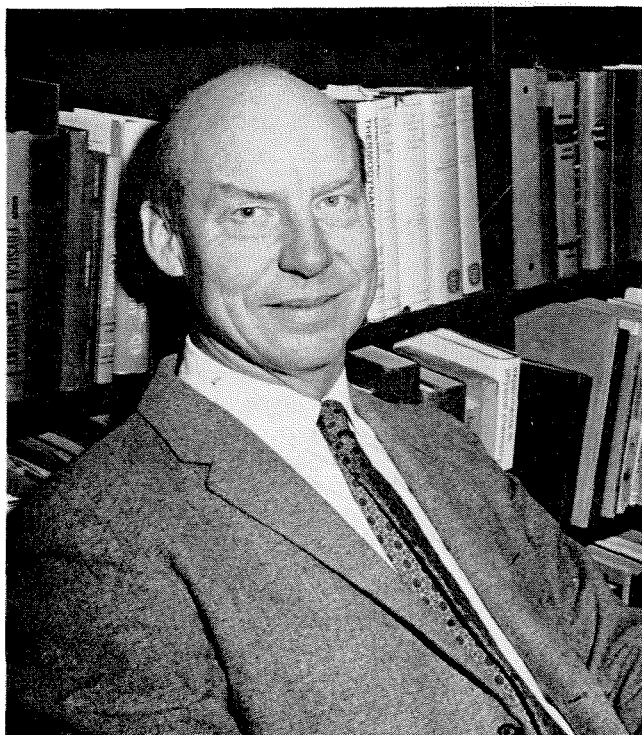
## *Chemistry Award*

Ernest H. Swift, professor of analytical chemistry at Caltech, has been selected to receive the Manufacturing Chemists' Association's 1963 college chemistry teacher award. He will receive a medal, a citation, and a check for \$1,000 at the association's annual meeting in White Sulphur Springs, West Virginia, on June 6.

## *Esther Gilbert*

Esther Gilbert, division administrative secretary to Dr. F. C. Lindvall, chairman of the division of engineering and applied science, died on April 21 of a heart attack. She had worked for the engineering division for over 30 years.

Miss Gilbert was a graduate of UCLA, where she majored in psychology. Her special interest was to make foreign students feel at home at Caltech, and she sponsored many get-acquainted parties to introduce those from foreign countries to Americans. She sponsored a brother and sister from Vietnam who are now at Pasadena City College. Miss Gilbert was a friend of many generations of Caltech students and kept up correspondence and personal contact with scores of alumni.



*Jurg Waser, professor of chemistry*

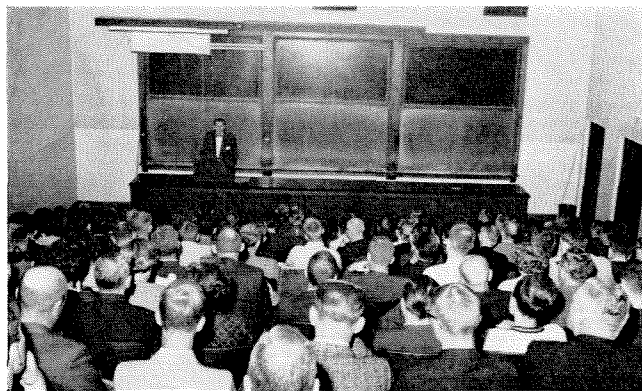
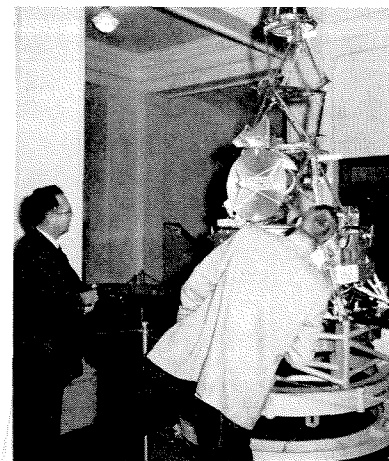
### SEMINAR DAY

More than 1200 alumni, wives and guests came to the Caltech campus for the 26th Annual Alumni Seminar on May 4. Twelve lectures and a series of special events were featured on this year's program.

Left, below: F. C. Lindvall, chairman of the division of engineering and applied science, talks on "Engineers and Politics."

Right: Mariner III, on exhibit in Throop Hall.

Right, below: Seminar Speaker Albert R. Hibbs ("Minitalk and Megathreat") and Seminar Chairman Richard P. Schuster.



### A Tribute to George P. Keyes

George P. Keyes, known to one and all as Pret, joined the Institute February 1, 1948, working with Professor F. W. Went on planning for the Earhart Plant Research Laboratory. Pret's background of engineering and of greenhouse work had prepared him well for this task and as the Earhart Laboratory, the Phytotron, moved from a gleam in F. W. Went's eye to physical reality, Pret made himself the master of its intricate design and of its intricate control systems. He knew where all the wires and pipes went and what they did, and what to do when his finely tuned ear detected disharmony in the phytotronic hum.

Pret organized the phytotron crew, which now numbers 15, to carry out, on a 7-day-a-week basis, not only the intricate moving of plants by means of which different night temperatures may be combined with a common day temperature, and so on, but also the planting, feeding, and general care of the experimental plants which constitute the laboratory's study material.

He organized the photographic-record methods now standard in the laboratory and iron-fistedly enforced the rules on decontamination of entering personnel and materials which have kept the phytotron free of insects.

As superintendent of the phytotron, including the new Campbell Laboratory, Pret exercised his authority from a command post in the control room of Earhart, and he did so calmly and collectedly, no matter how furious the bustle about him.

It is through Pret Keyes that our several hundreds of professional visitors have learned about the phytotron and phytotronics and have gone home, each to try to wangle a phytotron from his own country or organization.

In recent years Pret had taken up a hobby (his sole earlier hobby had been his phytotron) — namely, going on camping trips to mountain and desert with his wife Helen and their two sons, Lawrence and Allen, and as this hobby grew in intensity it brought to the Keyes family a beautiful pickup camper, in which, in addition, Pret drove to work and which has been a familiar sight outside of Earhart during recent years.

Pret was seized, without previous warning, with illness in December 1962, and although he struggled against it and kept at his work up to one week before the end, he passed away May 3, 1963. We miss him.

— James Bonner