

THE MONTH AT CALTECH

Young Scientists

SIX OF THE 20 MEN selected in a *Fortune* magazine poll as top young scientists in U. S. universities and industry are either staff members or alumni of Caltech.

Of the 10 top young scientists in American universities listed in the current issue of the magazine, four are Caltech staff members:

Drs. Harrison Brown, 36, professor of geochemistry, noted for his work on meteorites, geological dating and distribution of the elements in nature; Richard P. Feynman, 36, professor of theoretical physics, for his quantum theory of electrodynamics; Allan R. Sandage, 28, Mount Wilson and Palomar Observatories astronomer, for his work on cosmic distances and structure; and James D. Watson, 26, senior research fellow in biology, for his part in developing a theory of structure for an important nucleic acid.

Two of the 10 top young scientists in industry as listed by *Fortune* are Caltech alumni: W. Conyers Herring, 39, Bell Telephone Laboratories theoretical physicist and authority on solid state quantum mechanics, who spent 1933-34 at Caltech as a graduate student in physics; and Calvin A. Gongwer, 37, manager of the Aerojet-General Corporation under-water engineering division, a hydrodynamicist, designer of underwater engines, co-inventor of the Minisub, and basic research worker, who received his MS in mechanical engineering from Caltech in 1939.

Sigma Xi Award

ARMIN DALE KAISER, graduate student in biology, has been awarded the first Caltech Sigma Xi prize for research work of exceptional quality.

The \$200 prize was established last month by the Caltech Chapter of the scientific research fraternity to recognize and encourage outstanding graduate students whose careers will be in pure and applied research. It will rotate each year to a different one of the Institute's five science and engineering divisions.

Kaiser, who expects to receive his PhD in 1955, has been at Caltech since 1950, when he began work under Prof. Max Delbruck.

A native of Piqua, Ohio, he was graduated in 1945 from Piqua High School, then entered the Army and was sent to the Philippines with the Signal Corps. After his discharge he entered Purdue University, majoring in general sciences, and received the BS degree with distinction in 1950. He held a graduate assistantship at Caltech in 1950-51, and since then has held a National Foundation for Infantile Paralysis Predoctoral Fellowship.

JUNE, 1954



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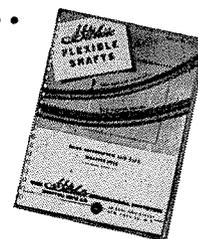
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