

THE SUMMER AT CALTECH

Faculty Additions

New members of the Institute's Staff of Instruction and Research for 1955-56 include:

FRANK PRESS, Professor of Geophysics, noted for his research on a wide range of geological subjects, including microseisms, the geological structure of the ocean floor, and several aspects of seismology. He was an Associate Professor of Geophysics at Columbia University, where he received his PhD in 1949.

TOYOKI KOGA, Senior Research Fellow in Engineering, from Nagoya University in Japan, where he is Professor of Engineering and Director of the Automatic Control Laboratory.

JOHN SEDDON, Senior Research Fellow in Aeronautics, here on a Commonwealth Fellowship in Aeronautics, formerly with the Principal Scientific Office in England.

LLOYD S. SHAPLEY, Senior Research Fellow in Mathematics, from the RAND Corporation, where he is a senior research investigator.

CLARENCE H. ALLEN, Assistant Professor of Geology, who received his MS here in 1951. He has been Assistant Professor of Geology at the University of Minnesota in Minneapolis, where he received his PhD in 1954.

PETER FAY, Assistant Professor of History, from

Williams College, where he was Instructor in History.

ROY GOULD, Assistant Professor of Electrical Engineering. He received his BS here in 1949 and, since getting his MS at Stanford, has continued his graduate studies at Caltech.

ROBERT MIDDLEBROOK, Assistant Professor in Electrical Engineering, from Stanford, where he just received his PhD.

LEON T. SILVER, Assistant Professor of Geology, who has been working at Caltech as a research scientist in geochemistry. He received his PhD here in June, 1955.

MACK THOMPSON, Assistant Professor of History, from Brown University in Providence, Rhode Island, where he has been Instructor in History.

GERALD J. WASSERBURG, Assistant Professor of Geology, formerly a resident associate at the Institute of Nuclear Studies at the University of Chicago.

CHUJI E. TZUBOI, Visiting Professor of Geophysics, from Tokyo University, a top authority on earthquakes and the deformation of the earth's crusts.

DWIGHT THOMAS, Instructor in English and Public Speaking, from Kalamazoo College, where he was chairman of the Department of Speech.

CALVIN H. WILCOX, Instructor in Mathematics, from Harvard, where he received his PhD this year.



The campus took on a carnival air this summer when the Pacific Division of the American Association for the Advancement of Science held its 36th annual meeting here from June 20-25—the largest scientific convention ever held in Pasadena. The refreshment and exhibit areas are shown here.

Faculty Changes

The following promotions have been made in the Caltech faculty for 1955-56:

TO PROFESSOR EMERITUS:

Howard J. Lucas—Chemistry

TO PROFESSOR:

Donald E. Hudson—Mechanical Engineering

Thomas Lauritsen—Physics

Lester Lees—Aeronautics

W. Duncan Rannie—Mechanical Engineering

Roger Stanton—English

Vito A. Vanoni—Hydraulics

TO ASSOCIATE PROFESSOR:

Julian Cole—Aeronautics and Applied Mechanics

Y. C. Fung—Aeronautics

D. S. Wood—Mechanical Engineering

Rolf Sabersky—Mechanical Engineering

M. L. Williams, Jr.—Aeronautics

TO SENIOR RESEARCH FELLOW:

F. H. Boehm—Physics

Donald Coles—Aeronautics

Henry Hellmers—Biology

H. S. Forrest—Biology

R. E. Marsh—Chemistry

W. S. McNutt, Jr.—Biology

TO ASSISTANT PROFESSOR:

R. A. Dean—Mathematics

H. E. Ellersieck—History

F. B. Fuller—Mathematics

R. S. Macmillan—Electrical Engineering

H. C. Martel—Electrical Engineering

D. E. Osterbrock—Astronomy

A. Roshko—Aeronautics

Frank L. Spitzer—Mathematics

T. Y-T Wu—Applied Mechanics

ON LEAVE OF ABSENCE:

Lester M. Field, Professor of Electrical Engineering, to organize and direct the work of the Electron Tube Laboratory of Hughes Research Division for 16 months.

H. Victor Neher, Professor of Physics, for one year, to help in the establishment of work in cosmic rays at the Physical Research Laboratory in Ahmedabad, India.

Rodman Paul, Professor of History, for a year of studying in Europe on a fellowship from the Fund for the Advancement of Education.

H. P. Robertson, Professor of Physics, to continue to serve for another year as scientific advisor to SHAPE in Paris, at the request of General Gruenther, Supreme Allied Commander in Europe.

Robert L. Walker, Associate Professor of Physics, to conduct research in Italy on high-energy physics for one year on both Guggenheim and Fulbright Fellowships.

DEPARTURES:

Arthur W. Galston, Associate Professor of Biology at Caltech, left this fall to become Professor of Biology

U Nu, Prime Minister of Burma, visited Caltech in July, on a tour of the United States with his wife and entourage of 12. At the right, Caltech President L.A. DuBridge and Paul G. Hoffman are shown with the prime minister, as they attended a luncheon at the Athenaeum.



at Yale University. Dr. Galston came to Caltech as a research fellow in 1943.

Henry T. Nagamatsu, Senior Research Fellow in Aeronautics and director of Caltech's hypersonic wind tunnel research laboratory for the past six years, has joined the staff of the General Electric Research Laboratory in Schenectady, New York.

George K. Tanham, Associate Professor of History, to do full-time research for the RAND Corporation and the Air Force—though continuing to give his course here in the History of War.

Hsue-Shen Tsien, Goddard Professor of Jet Propulsion, resigned his post at Caltech and sailed for China last month. For the past five years he has continued his work with the Guggenheim Jet Propulsion Center while the government held him in this country under a deportation order.

Dr. Tsien came to Caltech as a graduate student direct from China in 1936, received his PhD in Aeronautics and Mathematics in 1939, and except for two years at M.I.T. as a Professor of Aeronautics, has been a member of the faculty here. During World War II, he served as a member of the Scientific Advisory Board of the Army Air Forces and in 1948 helped to set up the Guggenheim Jet Propulsion Center at Caltech, which he headed until his resignation.

AFROTC CHANGES:

First Lieutenant Henry L. Lanman has been assigned here in place of Captain Henry B. Gibbia, Jr., who is now based in Germany. Lt. Lanman was transferred from Ladd Air Force Base in Alaska.

Master Sergeant Leon E. Bemis, whose last assignment was at Truax Field, Wisconsin, is replacing Master Sergeant Harold L. Waugh, now assigned in French Morocco.

Top Sergeant Robert W. Freeman replaces Mr. Dominic J. Zangari as Supply NCOIC. His last assignment was at Beale Air Force Base in Marysville, California.

Top Sergeant Edward Obina, replacing Master Sergeant LeRoy G. Lee, now assigned in Alaska, was transferred from Amarillo Air Force Base in Texas.

New Trustee

HERBERT L. HAHN, treasurer of the California Institute Associates since 1943, was elected as a member of the Institute Board of Trustees last month. A native of Pasadena and an alumnus of Stanford University, Mr. Hahn has practiced law in the city for 38 years and is senior partner of Hahn and Hahn.

He also serves as a lecturer on the faculty of the Stanford University Law School and is on the Management Committee of the Huntington Memorial Hospital.

Edison Pettit Retires

DR. EDISON PETTIT retired this summer after 35 years as a staff member of the Mount Wilson and Palomar

Observatories. A native of Peru, Nebraska, where he was born in 1889, Dr. Pettit has become noted for his work in solar observations, radiation measures on celestial objects, and photoelectric photometry.

In 1947 he started an extensive photometric study of galaxies which was just recently completed. Results of this study may add considerable knowledge to the expanding-universe theory.

Dr. Pettit came to the Mount Wilson Observatory after receiving his PhD in 1920 from the University of Chicago and since 1948 has been affiliated with both Mount Wilson and Palomar Observatories.

It is worth noting that he is not the only astronomer in the Pettit family. His wife has a PhD and their two daughters have Master's degrees—all in astronomy.

Clinton Judy

CLINTON K. JUDY, Professor Emeritus of English, died on August 29 at his home in San Marino.

When Caltech was still known as Throop Polytechnic Institute in 1909, Clinton Judy accepted an appointment here as Professor of English Language and Literature. For the next 40 years, as the Institute grew, he also handled the administration of the Humanities Department. The successful promotion of liberal arts training as a feature of the curriculum at Caltech was largely due to his efforts.

Born in Vancouver, Washington, in 1879, he was educated in California schools, graduated from the University of California in 1903 and received his MS there in 1907. Later he earned Master's degrees from Harvard and Oxford as well.

Professor Judy was appointed chairman of the Division of Humanities in 1923 and held this post until his retirement in 1949.

Jacob Chaitkin

JACOB CHAITKIN, Instructor in Russian and in Business Law, died at the Huntington Hospital in Pasadena on August 23.

Mr. Chaitkin, who spoke English, Russian and German fluently, translated many Russian poems and short stories for publication in the United States.

He was born on the shores of the Baltic in 1898 and attended a governmental school in Russia until he came to the United States at the age of 14. In 1919 he received his BS from the University of Pittsburgh and was graduated from Pittsburgh's Law School in 1921.

Mr. Chaitkin practiced law in New York City for 20 years. During World War II, he taught Russian for the Army Air Force Intelligence at the Pentagon and served as an interpreter for visiting Russian military missions.

Mr. Chaitkin came to California in 1946. He was a partner in the legal firm of Chaitkin and Stapel in Pasadena, and had been a member of the Caltech faculty for nine years. He is survived by his widow, Janet, two sons and three daughters.