

Dear Alumnus:

The Co-Directors of the Alumni Fund wish to thank you the 1700 <sup>generous</sup> donors to the 1965-66 Fund appeal. Thank you.

We wish to ~~tell~~ suggest to the rest of you guys those of you who have not yet come across given that it's high time we I you we sincerely hope you will do so, now today ~~Friday~~ soon.

Our ~~quota~~ goal is to ~~obtain~~ secure lots of money support from 30 percent of the alumni, and this means we must ~~cannot~~ need another 1000 donors. ~~quick~~.

The time has come when we'll take any thing we can get the important thing is to give — regardless of the size of the gift.

~~You'd better come through, too. Wouldn't you give, now?~~

Sincerely,  
Ird Combs '27,  
John Mason '47

# Personals

1917

ROY T. RICHARDS died suddenly on February 22 at his home in La Jolla, Calif. He had been planning to attend the Caltech YMCA's 50th birthday celebration on February 25, and was to have been honored as the campus Y's second president in 1916-17. Richards is survived by his wife.

1921

ALFRED J. STAMM, who is Robertson Distinguished Professor of Wood Science and Technology at North Carolina State University in Raleigh, was voted the outstanding teacher in the forestry school in 1965 by his students.

1925

JAMES E. MOORE has retired as vice president—traffic of United Air Lines. He writes from Tryon, N.C., that he and his wife, Mary, are enjoying their grandchildren, poodles, music, photography, gardening, and golf.

ROBERT W. FULWIDER, partner in the patent law firm of Fulwider, Patton, Rieber, Lee & Utecht in Los Angeles, has been appointed by President Clark Kerr of the University of California to the Advisory Council under the State Technical Services Act. The council evaluates the annual programs submitted by the university departments in implementing a five-year plan being developed for placing the benefits of research more effectively in the hands of business, commerce, and industrial establishments.

1927

THOMAS S. SOUTHWICK, MS '29, in Thailand for the UN (E&S, October 1965), writes that he expects to "retire for the second time, and for good, I hope," at the end of this year. He and his wife plan to live in England awhile before returning to their home in Falls Church, Va.

1928

EDWARD E. TUTTLE, president of the Essick Manufacturing Company in Los Angeles, is one of eight Southern California business and industrial leaders recently elected to the board of directors of the Merchants & Manufacturers Assn.

WILLIAM M. JACOBS has been named president of the Pacific Lighting Service and Supply Company in Los Angeles. He has been vice president of the parent company, Pacific Lighting Corporation, in San Francisco.

JEAN E. JOUJON-ROCHE has retired

from the Shell Oil Company after 31 years in the Pacific Coast area exploration department. Ed was seismic crew manager for the group that discovered the first oil field to be found by reflection shooting in California—near Bakersfield in 1936. He writes that he plans to play tennis, fish, and travel, but that he will be doing some ground water geology work for Hydrodevelopment, Inc. and Hydroexploration, Inc. in Bakersfield.

1930

HOWARD CARY, president of the Applied Physics Corp., recently took part in groundbreaking ceremonies for the company's new research and corporate headquarters in Monrovia. Also present was JOSEPH B. EARL '44, president of the O.K. Earl Corp., general contractors of Pasadena, for the new building.

1931

ARTHUR C. BROOKS is teacher, coach, and chaplain at the Asheville School, boys preparatory school in North Carolina. He says that he and his wife often visit their son's family (three grandchildren) in Boston, and are otherwise occupied building a house in the country where they plan to retire eventually.

1934

EDWARD B. DOLL, MS '35, PhD '38, has been named a senior vice president of TRW Systems of Redondo Beach, Calif. For ten years he has held executive positions in TRW, and most recently served as vice president of special projects.

1936

EUGENE BOLLAY, MS, has been given the Award for Outstanding Contributions to the Advance of Applied Meteorology by the American Meteorological Society in "recognition of his roles as champion of the cause of industrial meteorology and as an able architect of an image of the private meteorological practitioner." Bollay is president of E. Bollay Associates, Inc. of Boulder, Colo.

1938

ROBERT C. DAVIDSON has been appointed manager of the catalyst division of the Nalco Chemical Company in Chicago. He has been with Nalco since 1960, his latest position being the division's assistant manager.

1941

LELAND G. SWART, MS, is head of the sonar and Nike communications equipment department at the Bell Telephone

Laboratories in Greensboro, N.C. Leland sends news of his family—daughter Donna Lee is at Douglass College in New Brunswick, N.J., daughter Pamela is in high school, and son, Chip, is in fourth grade.

SAMUEL J. EASLEY, MS, meteorologist at the U.S. Weather Bureau station at Ft. Worth's Greater Southwest International Airport, has been named chief of the Dallas Love Field weather bureau station in Texas. Easley has been in weather bureau service since 1940 and has been at Ft. Worth since 1956.

#### 1944

BERT H. GOLDING, MS '48, ChE '54, writes from Dhahran: "Marny and I have just completed 10 years in Arabia. We celebrated by getting a new four-wheel drive with air conditioning so we can bounce over the sand dunes in style." Golding is with the Arabian American Oil Company as a senior study engineer for the producing department in charge of the future oil development planning and technical programming units.

#### 1945

WALTER F. HILTNER, PhD, died on February 14 of a heart attack suffered two days earlier. He was an aerospace scientist at the Boeing Company in Seattle, Wash., and as manager of the space science integration for Voyager, was one of the earliest exponents of space exploration. His teaching career, which began in 1937, included assignments at MIT and the University of Washington in Seattle, and he headed the fluid mechanics department at Lehigh University in Bethlehem, Pa. Hiltner was born in Shanghai, China, in 1912 and attended the University of Washington, MIT, and Caltech. He is survived by his wife, Willa Lou, and five children.

#### 1946

JAMES F. CHALMERS, BS '47, has been named director of the newly established management systems organization in the Manned Orbiting Laboratory systems engineering office at Aerospace Corporation in El Segundo. He was formerly assistant director of operations planning for technical operations there.

#### 1947

MANFRED EIMER, MS '48, PhD '53, has been appointed vice president—engineering of the Space-General Corp. in El Monte, Calif. Before Eimer joined Space-General in 1963, he was a senior staff scientist at Caltech's JPL.

#### 1948

HARVEY R. FRASER, MS, has been appointed president at the South Dakota School of Mines and Technology in Rapid

City, where he has been dean of engineering since July 1965. He will continue as dean and as professor of civil engineering. Before joining the school last year, Fraser was a colonel in the U.S. Army and deputy head of the department of mechanics at West Point.

#### 1949

CHARLES H. KNIGHT JR. has been appointed western regional manager of the Portland Cement Association, with headquarters in San Francisco. Knight has been with PCA since 1956, and was district engineer for the Seattle area from 1960 until the present appointment.

#### 1950

RICHARD B. WRIGHT is the new president of the Wright Tool & Forge Co. of Barberton, Ohio. He has been with the firm for 14 years, and most recently served as vice president.

#### 1951

ROBERT E. COVEY, MS '52, manager of the space simulators and facilities engineering section of Caltech's JPL, has been elected the 1966 chairman of the American Institute of Aeronautics and Astronautics's working group on space simulation. This group of professional delegates from government and industry fosters the exchange of technical information on problems of space simulator design, operation, and instrumentation.

#### 1953

CARL A. ROUSE, MS, PhD '56, writes that he is at the E. O. Hulburt Center, U.S. Naval Research Laboratory in Washington, D.C., on a one-year National Science Foundation research grant.

#### 1956

HOWARD CURTIS BERG has been appointed assistant professor of biology and chairman of the board of tutors in the biochemical sciences at Harvard, effective July 1. He has been a junior fellow of Harvard's Society of Fellows, studying the chemical modification of the red cell membrane and will teach membrane structure and function. Berg, who received his MA and PhD degrees at Harvard, spent a year at the Carlsberg Laboratory in Denmark following two years in preclinical study at the Harvard Medical School. He held a National Institutes of Health predoctoral fellowship from 1959 to 1963.

EDWARD M. DAVIS JR., MS, assistant to the president of IBM Corporation's data processing division in White Plains, N.Y., has been named the Outstanding Young Electrical Engineer of 1965 by Eta Kappa Nu, national electrical engineering honor

society. Davis has been active in the development of components, circuits and memory devices for electronic computers, and helped create the microminiature circuit technology used in IBM's most advanced data processing system.

#### 1957

CHARLES W. STEPHENS, MS, has been named federal marketing coordinator of Electro-Optical Systems, Inc. in Washington, D.C., to coordinate the separate federal marketing activities of the subsidiary with the parent company, Xerox Corporation. Stephens was previously manager of the EOS optics division in Pasadena.

#### 1958

DONALD B. CHESNUT, PhD, is associate professor of chemistry at Duke University in Durham, N.C. He went to Duke from the E. I. du Pont de Nemours & Co.'s central research department in Wilmington, Del., where he had worked since 1958.

#### 1960

CAPT. LOUIS KINGSLAND JR., USAF, MS, AE '61, was recently awarded the USAF Air Medal for meritorious achievement at Hickam AFB in Hawaii for his assistance in accomplishing an important vehicle test flight. King is a navigator and a member of the Military Airlift Command which provides global airlift, air rescue, aeromedical evacuation, air weather and air photographic and geodetic services for the U.S. forces.

#### 1962

HAL WYMAN, who is a computer programmer for UCLA's Brain Research Institute in Westwood, was married last December to Carolyn Guggenaster, in Columbus, Ohio. Wyman got his pilot's license recently and is reportedly trying to talk his friends (not always successfully) into flying with him.

RONALD F. GEBHARDT received his MS in geological engineering from Princeton in January.

LIEUT. CHARLES H. RADOY USAF is at the Air Force Institute of Technology at Wright-Patterson AFB near Dayton, Ohio, beginning a two-year course of study in electronics systems. The program is conducted as part of the Air University professional military education system and leads to a MS degree in electrical engineering.

#### 1965

DAVID TILTON DENHARDT, PhD, has been appointed assistant professor of biology at Harvard, where he has been serving as instructor. Denhardt is married and has one child.