# Personals

# 1923

BERNARD G. EVANS, who has been in the real estate field for more than 40 years, is currently doing valuation work for the proposed Malibu nuclear power plant site and for the expansion of the Los Angeles International Airport. He plans to retire in June but will continue to do consulting.

# 1925

FRANK CLAYTON writes from Ft. Worth, Texas, that he is still chief plant engineer for the General Dynamics Corp. division there, involved in building F-111 fighter-bombers. He is also a national director of the National Society of Professional Engineers.

#### 1928

SYDNEY B. INGRAM, PhD, recently celebrated his 35th year of service with the Bell Telephone Laboratories. He is director of the company's technical employment center in Murray Hill, N.J. Before 1960 he was director of education and training, in charge of graduate and undergraduate educational programs administered by Bell.

1929 DUANE E. ROLLER, PhD, professor lege in Claremont, died on December 24 at the age of 71. A member of the initial group of seven faculty members when the college opened in 1957, Roller had been retired since 1964 from his position as head of the department of physics. Earlier in his career, Roller taught at the University of Oklahoma in Norman, at Hunter College in New York, and at Wabash College in Crawfordsville, Ind., and was the first editor of the American Journal of Physics from 1933 to 1949. He was also assistant director of the Hughes Aircraft research and development lab and on the senior technical staff of Ramo-Wooldridge Corp. He leaves his wife, Doris, and a son, Duane, of Norman, Oklahoma.

emeritus of physics at Harvey Mudd Col-

#### 1931

CAPT. PERRY M. BOOTHE, USN, MS '32, has been assigned to Saigon for duty in construction planning for U.S. troops in Vietnam. Boothe recently spent 27 months in London as director of the European division of the Bureau of Yards and Docks, a job involving all Navy construction and facility maintenance from Ethiopia to Northern Ireland. His family will remain in Arlington, Va., during his Vietnam assignment.

#### 1934

NICK T. UGRIN, vice president of industrial relations of the Union Oil Company



the

# Donald S. Clark Alumni Award

has \$13,000 in hand . . . . . . .

.....\$12,000 to go

Make checks payable to California Institute of Technology

of California, has been elected president of the Unemployment Insurance Association for 1966.

## 1936

JOHN Y. BEACH, PhD, supervisor of the analytical and physical measurements section of the Chevron Research Co. in Richmond, Calif., is now chairman of the American Chemical Society's California section.

#### 1943

ARTHUR V. CARLSON, MS, a meteorologist at the U.S. Army Electronic Proving Ground in Ft. Huachuca, Ariz., recently received special recognition from the Department of Defense for his role in a value engineering study on radiosondes. The five-man group with which he worked was credited with a potential annual saving to the government of four million dollars. The project involved devising a new parachute system for balloon-borne radiosonde equipment used by meteorology technicians to measure atmospheric conditions. Carlson has been at Ft. Huachuca since 1954. He and his wife have three children: Gayle 16, Gregory 12, and Kirk 9.

JOHN ELDRIDGE CUSHING JR., PhD, professor of immunology at the University of California at Santa Barbara, was married on December 18 to Anne Hyde Greet. She is assistant professor of French at the university.

#### 1946

FRANK S. GATES, who is chief engineer at the El Paso refinery of the Chevron Oil Company, writes that he and his family (five children) have recently moved into a new home. Gates has been in El Paso since 1964.

#### 1949

DON E. HIBBARD, his wife, and four children, recently returned to the U.S. after eight years in South America. He writes that "Caracas had the most enjoyable weather — like southern California before smog - Maracaibo had the most oil, and Bogota, the most beautiful green countryside and mountains." The Hibbards are now in Miami, Fla., where Don works in a new Caribbean-Central American petroleum evaluation group of the International Petroleum Co.

# 1951

JOHN R. FEE, a civil engineer with the James Montgomery firm of consulting engineers in Pasadena, is also Major John Fee, executive officer of the 6159th R & D chapter of the United States Army Reserves. This special research and development unit, made up of top ranking men in science and engineering from southern California, studies and tests scientific innovations developed in the services and reports on whether or not the developments would be applicable to military purposes.

#### 1952

JOHN C. THOMPSON, MS, has been appointed vice president of the Peerless Manufacturing Co. of Dallas.

DAVID L. HANNA, an associate with Booz, Allen & Hamilton International, Inc., in Lahore, West Pakistan, writes: "My family was evacuated from Lahore to Beirut during the India-Pakistan border war which we could see and hear from our house. Happily, the dependents were allowed to return on Dec. 10, so we all enjoyed a thankful Christmas together."

#### 1955

JOSEPH D. BENNETT, MS, a senior structures engineer with General Dynamics Corp. in Ft. Worth, recently joined the flight flutter test section of the F-111 dynamics group and will be moving to Edwards AFB in California to take part in testing the new fighter plane.

# 1959

BERNARD C. REARDON, MS, PhD '64, and his wife, Iliana, are living in Cork, Ireland, where Bernard was born and spent his boyhood. The Reardons were married last December 27 in Pasadena.

GEORGE LOGEMANN is an assistant

NORMAN ZABUSKY, PhD, '59 supervisor of the plasma physics research group at the Bell Telephone Laboratories, Inc., Whippany, N.J., is co-director of the International School of Nonlinear Mathematics and Physics to be held from June 27 to August 5, 1966, at the Max Planck Institute of Physics and Astrophysics in Munich, Germany. The school, sponsored by the Advanced Study Institute Programme of NATO, will present a broad look at natural nonlinear phenomena and attempt to abstract unifying concepts and methods. Courses will be divided into two, separate, threeweek sessions, the first dealing with physics and the second with mathematics. Enrollment is open to individuals currently doing research in nonlinear mathematics or physics, who have completed the equivalent of course requirements for a PhD. Tuition is \$225 for each session; scholarships and assistantships will be awarded to selected individuals from academic institutions. Deadline for applications is March 1.

Write: Dr. N. J. Zabusky, Nonlinear School, Bell Telephone Laboratories, Inc., Whippany, N.J. York University, where he is helping prepare a computer sciences graduate program. He also is developing computer systems for the university's Institute for Computer Research in the Humanities.

#### 1961

CAPT. WARREN L. SIMMONS, USAF, MS, who is an instructor in physics and assistant varsity golf coach at the Air Force Academy in Colorado Springs, won first place in the Air Force World-Wide Golf Tournament held at Maxwell AFB in Alabama last August. As winner, he went on to represent the Air Force against the Army, Navy, and Marines at the Interservice Golf Tournament at Cherry Point, N.C., in September, and captured another first place title. Simmons won by 11 strokes – 6 under par for 72 holes.

# 1962

ROBERT E. CARTER, PhD, is lecturer in organic chemistry at the University of Goteborg in Sweden. He also acts as parttime consultant for a drug company there.

KIP S. THORNE is a National Science Foundation postdoctoral fellow at Princeton University's Palmer Physical Laboratory. His article, "Gravitational Collapse and the Death of a Star," appeared in

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