

# Personals

1924

HAROLD E. GRAHAM died on February 14 at the Huntington Memorial Hospital in Pasadena, after a long illness. He was 62. A design engineer and owner of Harold Graham-Displays, he had lived in Claremont, Calif., since 1938. He was born in Texas in 1904 and came to California in 1912. Graham attended Caltech and the Chouinard Art Institute in Los Angeles and studied in Berlin in 1930-31. In 1936 he went into business for himself. He taught in the art department of Scripps College in Claremont from 1935-39, and during World War II he served in the Army Air Corps. He is survived by his wife, Doris.

1925

NEWTON H. TEMPLIN died suddenly of a heart attack on May 8. He had been road commissioner for the Los Angeles County road department since 1959 and had been with the county for 41 years. Templin was active in engineering and public works organizations throughout his career. He was president of the Southern California chapter of the American Public Works Association, vice president of the County Engineers Association of California, chairman of the Metropolitan Transportation Engineering Board; and chairman of the highway advisory committee of the County Supervisors Association of California. Templin is survived by his wife, Laura; his daughter, Mrs. R.O.M. Phillips of Woodland Hills; his son, Charles of Alhambra; and four grandchildren.

1929

J. CLARK SUTHERLAND, MS '30, who is president of the Robinson Clay Product Co. of Akron, Ohio, president of Keystone Clay Product, Inc., of Philadelphia, and president of the Robinson Clay Product Co. of Canada, writes that he has an unmarried son, a married daughter, and four grandchildren. His wife, Dot, passed away last spring (1965).

1932

JAMES R. BRADBURN has been named division vice president and general manager of electronic data processing of the Radio Corp. of America, in Camden, N.J., responsible for the over-all direction of RCA's computer activities. Bradburn, who joined RCA last year, was formerly a vice president and director of the Burroughs Corp. in Detroit, Mich.

1936

HUGO A. MENEHELLI, manager of tire development operations for the Gen-

eral Tire and Rubber Co. of Akron, Ohio, writes that his son Lance, 24, a lieutenant in the Air Force, will graduate as a fighter pilot in July, and his son Leonard, 21, is scheduled to ship to Japan in July from the Marine Corps Air Station at El Toro, Calif., where he is now stationed.

1942

SHELDON W. BROWN, AE, has been appointed the Washington, D.C. representative for Naess & Thomas, New York investment counselors. He will continue part-time on the general planning staff of the Aerojet-General Corporation.

1943

CHARLES D. WAGNER, PhD, a supervisor of radiochemistry research at the Shell Development Company's Emeryville, Calif., research center, attended the 7th Japan Conference on Radioisotopes in Tokyo last month and presented a paper on "Skeletal Isomerization of Olefins by Radiation." He also conducted a seminar at the Takasaki Atomic Energy Research Institute. Earlier in the month Wagner presented another paper at the Conference on Radiation Chemistry in Organic Systems held in Hawaii.

1947

TING-YI LI, AE, PhD '50, professor of aeronautical and astronautical engineering at Ohio State University in Columbus, writes that he will be in Los Angeles in June to take part in the American Institute of Aeronautics and Astronautics' fourth aerospace sciences meeting, and to do consulting for The RAND Corporation.

PAUL T. HUTCHISON, MS, has been appointed head of the microwave radio design department at the Bell Telephone Laboratories in Holmdel, N.J., and will be responsible for the design and development of a new microwave radio system used to transmit telephone messages or TV signals up to 1000-mile distances. Hutchison, who joined Bell in 1960, has been a supervisor in the department since last year.

1949

EMMETT P. MONROE, MS, MD, who is in general practice in Cuyahoga Falls, Ohio, writes that he has five children who all want to visit California, but "things are too busy here to allow frequent returns to Pasadena."

1950

WALTER L. MUDGETT has joined The MITRE Corporation of Bedford, Mass., as a member of the technical staff. He has been with the Radio Corporation of America in Burlington, Mass., since 1957. Before that time he was an engineer at the laboratory for electronics in Boston.

JAMES C. CONLY, PhD, has been named manager of chemical development by the Mobil Chemical Company of New York. He will be responsible for coordinating development activities in connection with new industrial chemicals and chemical intermediates. Conly, who lives in Scarsdale, N.Y., was with the Stauffer Chemical Co. and ICI, Inc., prior to joining Mobil.

1951

THORNE J. BUTLER, MD, a major in the U.S. Air Force and chief of the laboratory division at the Air Force Hospital at Sheppard AFB in Texas, has been awarded the Legion of Merit, one of the nation's highest peacetime decorations. He was cited for his leadership and significant contributions to educational medicine and to Japanese-American relations while he was assigned to the Intern Education Committee of the USAF hospital in Tachikawa AB in Japan.

1952

ROBERT W. ZWANZIG, PhD, research chemist with the National Bureau of Standards in Washington, D.C., has a dual appointment to the faculty of the University of Maryland as research professor in both the Institute for Molecular Physics and the Institute for Fluid Dynamics and Applied Mathematics, in the colleges of arts and sciences and engineering.

1952

FRANCIS R. KRAMER is senior supervisor at the E. I. du Pont de Nemours & Co.'s dacron plant technical group in Kinston, N.C.

1953

THOMAS L. CURKENDALL, MS, who is a systems program staff officer at Travis AFB in Calif. and a member of the Military Airlift Command, has been promoted to lieutenant colonel in the U.S. Air Force. He was commissioned in 1944 through the aviation cadet program.

1954

ROBERT H. SHENNUM, PhD, has been promoted to director of the mathematical analysis and apparatus design laboratory at the Bell Telephone Laboratories in Winston-Salem, N.C., where he will be responsible for the design of transmission, microwave and power apparatus and for mathematical analysis work related to military systems. Shennum joined Bell in 1954 and has been head of the microwave radio design department of the laboratories in Murray Hill, N.J., since last year.

RALPH D. HANDEN JR. is teaching assistant in the department of history at Ohio State University in Columbus. He recently spent five years in the parish ministry. Handen and his wife have two sons and a daughter.

1956

JOSEPH P. GIBBS has been appointed manufacturing manager of the instrumentation division of Microdot Inc. of South Pasadena. He has been chief engineer for transducer products.

CHARLES E. HELSLEY, MS, '57, assistant professor of geology at Western Reserve University in Cleveland, Ohio, has accepted an appointment as associate professor of geology at Indiana University in Bloomington. He and his wife, Joann, have two sons: Mark, 2½, and Paul, 4 months. They spent last summer touring northwestern Europe and collecting for his research work.

1957

DOUGLAS G. RITCHIE has been named chief engineer for transducer products of Microdot Inc., of South Pasadena. He has been a section head for special engineering projects for Electro-Optical Systems in Pasadena.

1959

MICHAEL T. GRAY, MS, has joined the Edex Corp. of Mountain View, Calif., as chief engineer in charge of administering the general engineering programs and directing the development of integrated programmed learning systems embracing computer controls and communications. He lives in Sunnyvale with his wife and four children.

THOMAS F. CLANCY, MS, has been appointed an advisory engineer in systems mathematical analysis at the IBM Corporation's space guidance center in Owego, N.Y. He has been with IBM as a staff engineer since 1962. He and his wife, Lynda, have one daughter, Karen.

1960

STEPHEN G. SAWOCHKA, MS, is in San Jose, Calif., with the General Electric Company's atomic power and equipment department. He received his PhD from the University of Cincinnati last year.

1961

MARTIN H. SCHULTZ is an assistant professor at Case Institute of Technology in Cleveland, Ohio. He received his PhD in mathematics from Harvard University last year.

DOUGLAS W. SHAKEL, a navigator-bombardier assigned to the Air Force plant representative officer at the Boeing Company in Wichita, Kansas, has been promoted to captain. He is a member of the Air Force Systems Command. Shakel entered the Air Force in 1961.

CHARLES J. SIEGEL, a captain in the U.S. Air Force, has entered the Air University's Squadron Officer School at Maxwell AFB in Alabama. He has been serving as an instructor pilot at Reese AFB in Texas. Siegel was commissioned in 1961 and is married to the former Donna Nelson of Brownfield, Texas.

JOHN C. CASEY, MS, AE '62, who is an assistant professor at the U.S. Air Force Academy in Colorado, has been promoted to lieutenant colonel in the Air Force.

1962

THOMAS EDWIN CREIGHTON, one of the 15 young scientists to be awarded a grant for a year's postdoctoral research by the Air Force Office of Scientific Research, will go to Cambridge University in England to work in biophysics. His topic is the structure of globular proteins by x-ray diffraction analysis. Creighton has

been working toward his PhD in biology at Stanford.

BRUCE R. ABELL and his wife, the former Nancy Matthews, have a new daughter, their first child, born on May 24. Bruce has been associate editor of *Engineering and Science* magazine since September 1965, when he came from The Bunker-Ramo Corporation in Canoga Park, where he was a technical editor.

1963

RALPH T. SHUEY, a physicist at the General Electric research laboratory in Schenectady, N.Y., has been selected to participate in the postdoctoral program supported by the Air Force Office of Scientific Research. He plans to work at the Swiss Federal Institute of Technology in Zurich in solid state physics. His research topic is the theory of dielectrics.

KARVEL K. THORNER, MS '64, has been selected to participate in the postdoctoral research program sponsored by the Air Force Office of Scientific Research. The national research council of the National Academy of Sciences administers the program. Thornber will do his research at the Electronics Laboratory at Stanford, in the field of applied solid state physics. His research topic is semiconductor band structure in and above the conduction band.

C. ROBERT KLOTZ, MS, is a systems engineer in the power equipment division of Lear Siegler, Inc., in Cleveland, Ohio.

RONALD K. COUNSELL writes that he has enrolled in a program leading to a PhD in international studies at Johns Hopkins University in Baltimore. He has been doing graduate work in the chemistry department there.

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