

# PERSONALS

1934

EDGAR L. KANOUSE, MS, has been appointed general manager and chief engineer of the Los Angeles Department of Water and Power. A veteran of 30 years with the department, Kanouse has been assistant general manager and chief engineer for the past year.

1937

DANIEL G. SCHUMAN, vice president-finance for Bausch & Lomb Incorporated in Rochester, N.Y., has been elected a director of the Financial Executives Institute, a national organization of financial executives from all fields of business, industry, and banking.

1939

ROBERT T. CARTER, MS '40, has been appointed assistant general manager of the petrochemical department of Texaco Inc., with headquarters in New York. He joined Texaco in 1940 as a chemical engineer in the refining department in Montana. After working on assignments in California, New York City, New Jersey, Illinois, and Cuba, in 1961 he joined the petrochemical department.

1943

TED L. CROSTHWAIT, MS, superintendent of the Bardstown, Ky., city schools, has received the first honorary degree conferred by Nazareth College of Kentucky. He was honored for his service to the youth of Nelson County and his cooperation in the student teaching program.

1946

FRANK LANNI, PhD, died on July 30, 1966, in Atlanta, Ga. He was professor of microbiology at Emory University.

DONALD J. O'MEARA, MS, AE '47, is technical director of the U.S. Navy Atlantic Undersea Test and Evaluation Center in Palm Beach, Fla.

1947

LOREN F. STRINGER, MS, manager of product development for the industrial systems division of Westinghouse Electric Corporation in Buffalo, N.Y., has been presented the "Order of Merit," the company's highest honor. The award is in recognition of his contributions to the development of industrial control systems and of static control and power conversion systems for heavy industry. Stringer joined Westinghouse in Pittsburgh in 1947 and was transferred to Buffalo as manager of product development in 1956.

1950

CRAIG MARKS, MS '51, PhD '55, has been appointed engineer-in-charge of the power development department for the engineering staff of the General Motors Corporation in Detroit. Marks joined General Motors in 1956 as a staff engineer in the automotive engines department.

GEORGE E. SOLOMON, MS, PhD '53, vice president of TRW Systems Group at TRW Inc., has been elected a member of the National Academy of Engineering. He was cited as one of the outstanding authorities in systems engineering due to his contributions in the design and development of space systems, weapons systems, and reentry vehicles.

1951

EDWIN A. MATZNER writes that he "lives in baronial splendor in the Paris of the Midwest—St. Louis. Far from Hogan's uneven stuccoes, Ed and his wife, Mary, a native Pasadenian, often think of the smog they have left behind as they gaze upon heptannate offspring Cathy. Ed is one of the stoutest pillars supporting chemical research at Monsanto Co."

GEORGE M. SAWYER and his wife, Ella, announce the birth of their third child, Michael David. Sawyer is employed by the AiResearch Manufacturing Company in Los Angeles.

ALEXANDER WYLLY, PhD, has been named vice president for eastern operations for the Planning Research Corporation, an international systems analysis and computer software firm. Wyllly, who was formerly vice president for information systems in Los Angeles, will be in Washington, D.C.

1952

ROBERT S. DAVIS, MS '53, is president of Realtime Systems Inc. in New York City, a company he helped form in February 1966. The firm supplies computer hardware and software to industries.

GERALD D. FASMAN, PhD, has been promoted to professor of biochemistry at Brandeis University in Waltham, Mass. He is taking his sabbatical leave in 1967-68 at the Protein Institute, Osaka University, in Japan, and the Weizmann Institute of Science in Rehovoth, Israel.

1953

DAVID B. WITTRY, PhD '57, associate professor of electrical engineering and materials science at the University of Southern California, has received a Guggenheim fellowship to spend a year doing research in electron optics and micro-

analysis at the Cavendish laboratory at Cambridge University in England.

1954

ROBERT K. CAMPBELL is working for the Northrop Corporation in Ventura, Calif., as supervisor, technical contract administration. He is responsible for seeing that both the technical and business aspects of all contracts are fulfilled.

KENNETH D. JOHNSON, PhD, an environmental pollution control specialist, has joined the staff of the Manufacturing Chemists Association in Washington, D.C. Among Johnson's responsibilities will be service as a technical liaison with industry and government groups concerned with air pollution control. He was formerly chairman of the corporate environmental pollution control committee of the Atlantic Research Corporation in Alexandria, Va.

1955

JOHN J. DOMINGO, PhD '63, writes that he is working for the European Organization for Nuclear Research in Geneva, Switzerland.

1956

RALPH O. KEHLE, MS '57, is assistant division stratigrapher for the southeastern division of the Humble Oil and Refining Company in New Orleans. He was previously a research associate in charge of the rock mechanics and fracturing section of Esso Production Research in Houston.

1957

GEORGE HALL is construction supervisor, teacher, member of the board of trustees, and occasional bus driver at Pacific High School in Palo Alto, Calif. He is directing 50 students in the construction of this progressive school, which emphasizes the educative value of strong relationships between all members of the school community.

CAVOUR W. YEH, MS '58, PhD '62, has been promoted to associate professor of electrical engineering at the University of Southern California.

1959

DONALD M. KETTER, MS, is a contract engineer specializing in aeroelasticity with Beech Aircraft in Wichita, Kan. He was formerly an aeroelasticity engineer for Boeing Aircraft in Seattle, Wash.

MICHAEL W. PETERS writes that he is assistant professor of physics at the University of Hawaii in Honolulu, working on elementary particle research. He was formerly a project associate in physics at the University of Wisconsin in Madison.

**BERNARD C. REARDON, MS, PhD '64**, is lecturing in computer science at University College in Dublin, Ireland. He was formerly a professor at University College in Cork.

**CLAYTON S. SMITH, MS**, has been named a research chemical engineer for the Morton International Research Center, a division of Morton International, Inc., in Woodstock, Ill.

### 1960

**JOHN N. COOPER**, assistant professor of chemistry at Carleton College in Northfield, Minn., will become assistant professor of chemistry at Bucknell University in Lewisburg, Pa., in September.

**FLETCHER I. GROSS, PhD '64**, has been named associate professor of mathematics at the University of Utah in Salt Lake City. He will assume this position in July, when he completes two years of teaching at the University of Alberta in Canada.

**WILLIAM MOHLENHOFF, AE**, a commander in the U.S. Navy, is assistant project manager for F111B Aircraft at the Naval Air Systems Command in Washington, D.C. He was previously engineering director of the Navy plant office at McDonnell Aircraft Corp. in St. Louis.

### 1963

**TERRY B. GALLOWAY, MS, PhD '67**, has joined the Shell Development Company in Emeryville, Calif., as engineer in the chemical engineering department.

**HARRIS GOLD, PhD**, has been appointed manager of the aerophysics department, aero-plasma-physics laboratory of the Avco Space Systems Division in Wilmington, Mass.

**ALAN LIPPERT, MS**, was recently promoted to the position of systems analyst with the International Business Machines Corp. and transferred from Los Angeles to White Plains, N.Y. He is working on the application of graphic data processing to aerospace and manufacturing industries.

### 1964

**WILLIAM BUSH, PhD**, has been promoted from assistant to associate professor of aerospace engineering at the University of Southern California.

**NOEL D. JONES, PhD**, is a senior organic chemist with Eli Lilly and Company in Indianapolis.

### 1966

**LARRY COOPER, MS**, is working on propulsion advanced technology at the McDonnell Aircraft Corp. in St. Louis.

## LETTERS

Pasadena, California

EDITOR,

I was very interested in Dr. Friedlander's article in your May issue, "Plastic Hearts, Membrane Lungs, and Artificial Kidneys—The Engineering of Vital Organs." Where can I find more material about this research?

JOE HELLER '62

For those wishing further information on this subject, Dr. Friedlander suggests the following references:

Connally, N. Thomas, Jr. (ed.), "Proceedings of the Conference on Hemodialysis," PHS Publication 1349, U.S. Government Printing Office.

Galletti, Pierre M. and Brecher, Gerhard A., "Heart-Lung Bypass," Grune and Stratton, New York, 1962.

Spaeth, E. E., "Convective Diffusion of Oxygen, Carbon Dioxide and Inert Gas in Blood," PhD dissertation, Caltech, 1967.

Vurek, G. G. (ed.), "Proceedings of the Annual Conference on Engineering in Medicine and Biology," Volume 8, 1966.

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