

Since 1954, when the Air Force ballistic missile program was accorded top national priority, Space Technology Laboratories has been engaged in virtually every major phase of research, development, testing and technical management of missile and space systems. STL's contributions have hastened the day of operational capability for Air Force ballistic missiles, and have been applied as well in satellite projects and space probes.

Today, as STL's activities expand in significance and scope, STL offers exceptional opportunity to the outstanding scientist and engineer whose talents and training will add to, and benefit from, the accumulated experience that has enabled STL to conceive and accomplish major advances in the state-of-the-art. STL's creative flexibility, anticipating and responding to the demands of space progress, ranges in application from abstract analysis to complex hardware fabrication for military and civilian space projects.

STL invites scientists and engineers to consider career opportunities in both Southern California and Central Florida. Resumes and inquiries directed to Dr. R. C. Potter at either location will receive meticulous attention.

SPACE TECHNOLOGY LABORATORIES, INC.

P.O. Box 95005 JJ, Los Angeles 45, California
P.O. Box 4277 JJ, Patrick AFB, Florida
a subsidiary of Thompson Ramo Wooldridge Inc.

Personals

1925

Thomas P. Simpson, general manager of engineering and operations analysis at the Socony Mobil Oil Company, has retired after 35 years of service. He was one of the developers of the thermofor catalytic cracking process, which was vital in the manufacture of high-octane gasoline for the armed forces during World War II.

Tom joined the company as a chemical engineer and in 1933 he became process laboratories supervisor of the General Petroleum Corporation, a former West Coast affiliate. He was transferred to Socony Mobil in New York in 1935 as chief development engineer, became assistant director of research in 1944, and manager of research and development in 1947. He assumed his engineering and operations title in 1959.

1926

Sterling B. Hendricks, PhD, chief scientist at the Mineral Nutrition Laboratory for Pioneer Research in the Agricultural Research Service of the U.S. Department of Agriculture, is one of six career civil servants to be given the 1960-61 Rockefeller Public Service Award for distinguished achievement as an employee of the Federal government. The awards were presented in Washington last month. Each winner was given a \$3,500 honorarium and the privilege of applying for an additional grant to permit time for lecturing, writing, research or some educational endeavor which would extend the benefit of his experience to others.

A federal career employee since 1928, Sterling has won many awards for his investigations into the genesis and nature of soils. He was educated at the University of Arkansas, the University of Iowa, and the Kansas State Agriculture College as well as Caltech.

1928

Sydney B. Ingram, PhD, director of technical employment at the Bell Telephone Laboratories, has been elected chairman of the EJC Engineering Manpower Commission for 1961. He has been with Bell since 1930 as electronic research engineer, director of education and research and industrial training.

1929

Anthony Larrecq is president of Power Generators, Inc., and Design Engineering, Inc. He is living in Yardley, Pa. The Larrecqs have three children; the eldest graduates from Vassar this year.

1931

Gen. Benjamin G. Holzman, MS '33,

is commander of the Air Force Cambridge Research Laboratory, where some 650 research scientists are working in areas which range from satellite communications to Arctic investigations. The Holzmans and their 17-year-old daughter, Katherine, a senior at Concord-Carlisle Regional High School, live in Bedford, Mass.

1932

Patrick B. Lyons writes that "I'm currently checking on our Eastern branch as a member of the ten-week program for senior executives at MIT. I'm still with the Western Electric Company, and am an assistant works manager of the Columbia Works in Ohio where we make central office switchboards and associated apparatus, primarily for the Bell Telephone System."

1935

Charles F. Thomas is now manager of marketing and planning of RCA's major defense systems in New Jersey. He was formerly corporation director of military sales for the Lockheed Aircraft Corporation. Charles has two married daughters living in California, and a 14-year-old daughter and a 4-year-old son at home.

1936

E. V. Watts was named vice president of exploration and producing at the Mobil Oil Company in Houston, Texas. He has been with the company since 1936.

1938

Verner Schomaker, PhD, interim project director of Union Carbide's Research Institute in New York, has been named vice president of the American Crystallographic Association for 1961.

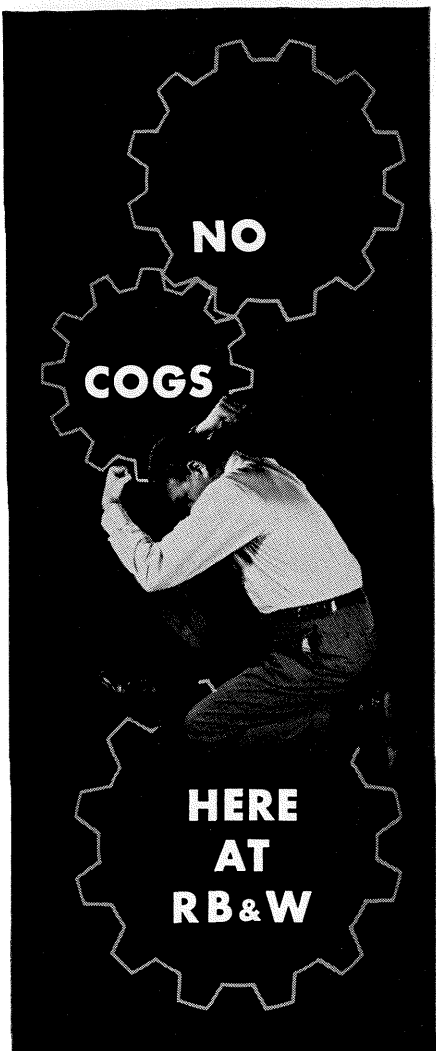
1939

L. G. Borgeson, MS '40, has been division vice president in charge of consumer products service of the RCA Service Company in New Jersey for the past two years. He has been with RCA since 1940.

Charles H. Townes, PhD, was appointed Provost of MIT last month. He will assume his new duties in the fall. He is now on leave from his post as professor of physics at Columbia University to serve as vice president and director of research for the Institute for Defense Analysis in Washington, D.C.

Rear Adm. Leonidas D. Coates, MS, is now Chief of Naval Research in Washington, D.C. He was formerly director of development planning in the Office of the Chief of Naval Operations.

continued on page 26



We don't believe in cogs. We believe in individual people—particularly when it comes to mechanical engineers. We don't assign them to drawing boards. We assign them to projects: in machine design, in assisting customers on proper fastening design, in sales engineering, or all three, if they prefer. If you don't like the idea of being a cog, then write to us before you graduate. Liberal benefits, as you would expect from a 115 year old company that's the leader in its field.

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Personals . . . *continued*

1939

Lloyd R. Zumwalt, PhD, is now senior research advisor at the General Atomic Division of General Dynamics in La Jolla. He has been with the company since 1956.

1940

Frederick C. Brunner, MS '41, is head of all chemical engineering work at C. F. Braun & Company's new eastern office in Murray Hill, N.J. The office is currently engaged in the design of two plants—a polybutadiene plant in Kentucky, and a urea plant in Spain.

A. M. Zarem, MS, PhD '44, president of Electro-Optical Systems, Inc., in Pasadena, has been named a Fellow in the Institute of Radio Engineers. The honor was awarded at the group's annual banquet in New York City in March, and was given to Dr. Zarem for his contributions in the application of millimicrosecond electronic instrumentation techniques.

1946

L. Wayne Mullane, MS, AE '47, has been elected vice president of the Downey plant of Aerojet-General. He has been manager of the plant since 1959 when Aerojet-General acquired it from the Rheem Mfg. Company.

1948

Stuart Butler, vice president of the western division of the Fruin-Colmon Contracting Company, has been transferred to their Burlingame office. He was formerly in the company's division at Kirkwood, Mo.

1950

Marvin C. Brooks, PhD, was recently transferred from his position as department head of the U.S. Rubber Research Center in Wayne, N.J., to quality control manager of the main plant in Detroit.

Warren E. Krum writes that he's still making chicken feed (for chickens) at his Artesia and San Marcos plants.

1951

Steve Pardee, MS '52, writes that he left the Bell Laboratories in 1959 and is now working for the TRW Computers Company as manager of a study team that is assisting the research division of the FAA in carrying out real-time simulation studies of terminal area air traffic control systems. The work is being done at the Bureau of Research and Development Center near Atlantic City. The Pardees (including David, 4, and Stephanie, 2) have rented a house about a block from the ocean.

1952

Jose Luis Reissig, PhD, has spent the

last six years in Europe (Scotland, Denmark, and France) doing research in genetics. He is finally back home in Buenos Aires, where he is now professor of genetics at the School of Sciences at the University of Buenos Aires. Jose has one daughter.

William A. Kemmel, Jr., MS '53, is now associated with the patent law firm of Miketta, Glenny and Poms. After he left Tech, Bill worked for the Goodyear Atomic Corporation and then served in the U.S. Army. For three years he worked as an examiner in the U.S. Patent Office while attending night law school at George Washington University. He passed the California bar examination shortly after that. Bill is married and has two children.

1955

Stephen F. Crumb, PhD, is now professor of electrical engineering at Arlington State College in Texas. From 1945 until he joined ASC, he worked for Convair at Fort Worth. His most recent position there was as assistant project engineer.

1957

W. H. Dietrich was released from service last August shortly after he had received his MS in industrial engineering at Ohio State University, and is now working as an industrial engineer at Norton Air Force Base in San Bernardino. Bill has a nine-month old son, David.

1959

Wilfried Stockmair, AE, writes from Germany that, "Having received my degree from Caltech in June, I returned to Germany where I received the degree of Diplom-Ingenieur in November. I am now employed at the German Research Council as a research assistant at Technische Hochschule Munchen in the Institute of Mechanics and Testing Materials."

Robert J. Kwik, MS, is now a student pastor at Princeton Seminary and is enjoying his studies in theology. Last year he worked part-time on magnet design at Princeton University's Forrestal Research Center with the BEV synchrotron.

1960

Richard E. Bradbury, MS, is a physicist in the spectroscopy department of the quantum electronics division at Electro-Optical Systems, Inc., in Pasadena. He was formerly a research assistant at JPL.

Carleton B. Moore, PhD, formerly assistant professor of chemistry at Wesleyan University in Middletown, Conn., has been appointed director of the Ninger meteorite laboratory at Arizona State University.