

# Personals

1914

Everett S. Gardiner died of a heart attack on November 26, 1960. He had been retired for many years. He had served as a private consultant on development problems in real estate on Balboa Island.

1917

Alexander Kensey, chairman of the board of the Coast Envelope Company of Los Angeles and San Francisco, died on January 31 at the Hoag Memorial Hospital in Newport Beach, California.

Alex had spent his entire business career with Coast Envelope and had been president since 1949. He had assumed the title of chairman just recently in order to guide a Coast merger with the Hammermill Paper Company.

Alex was born in Bucharest, Roumania, on January 7, 1895, and came to this country as a child. He leaves his wife and a son, John, 24.

1928

W. Morton Jacobs is now president of the Pacific Lighting Gas Supply Company, a subsidiary of Pacific Lighting Corporation in San Francisco. He was

formerly vice president and assistant general manager of the Southern California Gas Company, another subsidiary. Mort will also continue part time in his position as vice president of the parent company in San Francisco.

1934

Milford Childers, MS '35 ME, MS '36 AE, research and development engineer at Lockheed Aircraft, was named "Engineer of the Year" by the San Fernando Valley Chapter of the California Society of Professional Engineers last month. The title is annually conferred on the valley engineer who has made an outstanding contribution to the field of engineering and who takes an active part in civic betterment. He has been with Lockheed since 1937, and is currently assigned to the staff of the chief engineer in spacecraft.

1939

Brig. Gen. R. Loyal Easton (Ret.), MS, died of a heart attack on November 19, 1960. He was head of the science department of Starke University School in Montgomery, Ala. He is survived by his wife.

Richard K. Pond writes from Fanwood, N.J., that "after five harrowing years as superintendent of production at Westinghouse — during which time we went through a prolonged strike, expanded production, commenced manufacture of new products, and built a new plant — I was much relieved to be appointed manager of management services last March. The Westinghouse Corporation created this new activity because they recognized the rapid developments taking place in the fields of business management, organization planning, data processing, systems improvement, etc., so they combined under one head the several individual efforts being made in these areas.

"On the home front, we find the years slipping by all too rapidly. My older daughter is now attending the University of Rhode Island, studying home economics, while our younger daughter is in junior high and showing great interest in scientific subjects."

1940

Homer J. Stewart, PhD, recently returned to his posts as professor of aero-  
*continued on page 40*



## WHY DOUGLAS AIRCRAFT CHOSE "PVs"

- **BETTER LIGHTING.** "PV" means "Perfect Vision"® Luminaire. The initial foot candle reading in every section of the 120,000 square foot room illustrated above was in excess of 200 foot candles with no glare or hotspots.

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- **LOWER MAINTENANCE COST.**

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## ANNUAL ALUMNI SEMINAR

SATURDAY, MAY 6, 1961

### Morning and Afternoon Lectures

James Bonner:	<i>The Ballet of the Big Molecules</i>
Heinz Ellersieck:	<i>Berlin - Hostage and Live Bait</i>
David Elliot:	<i>Is World Disarmament Possible?</i>
Irene Goddard:	<i>Oxygen Isotopes — Footprints of Time</i>
Robert Leighton:	<i>New Views of the Sun</i>
Bruce Murray:	<i>Water on the Moon?</i>
C. J. Pings:	<i>Living on Cracked Ice</i>
Eberhardt Rehtin:	<i>What Should Space Cost?</i>
H. P. Robertson:	<i>Proofs of Relativity</i>
Cushing Strout:	<i>Anti-Americanism in Europe</i>
John Todd:	<i>The Monte Carlo Method</i>
T. Y. Wu:	<i>How Does a Fish Swim?</i>

### Exhibits

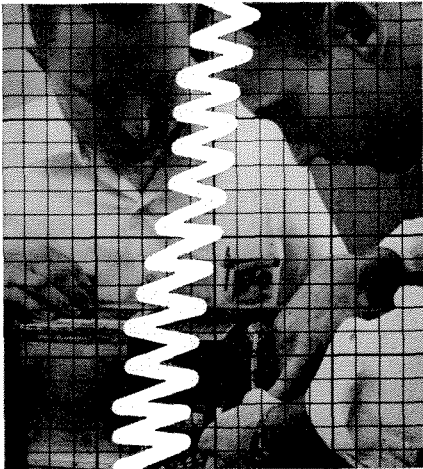
- Dabney Hall: Public Affairs Room and CIT Development Program exhibit
- Sloan Laboratory: Tandem Accelerator and Frictionless Motion
- Keck Laboratories Open House: Water Resources, Materials, and Environmental Health

### Dinner Program

The speaker at the Huntington-Sheraton Hotel dinner program will be announced in the April issue of *Engineering and Science*.

## Inventiveness:

indispensable ingredient of  
Space Technology Leadership



In the achievement of Space Technology Leadership, on-the-shelf hardware and the existing state-of-the-art are not always equal to the requirements of advanced missile and space systems. In such challenging situations Space Technology Laboratories responds with the full breadth of its resources.

In response to the need for time compression, STL inventiveness produced devices answering urgent requirements of advanced space programs conducted for the Air Force Ballistic Missile Division, National Aeronautics and Space Administration, and Advanced Research Projects Agency. Among these: Telebit, first digital computer to enter space; the first multi-million-mile space communications system of Pioneer V; a continuous-wave radio guidance system and light-weight autopilots for Able-series space vehicles; and a low-thrust multi-start space engine for maneuverable satellites.

On this foundation of inventiveness STL continues to broaden in scope, translating creative concept into accomplishment for Space Technology Leadership.

Outstanding scientists and engineers seeking such an environment are invited to investigate opportunities available at STL. Resumes and inquiries directed to the attention of Dr. R. C. Potter, Manager of Professional Placement and Development, will receive meticulous attention.

### SPACE TECHNOLOGY LABORATORIES, INC.

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## Personals . . . continued

navics at Caltech and special assistant to the director of JPL. During his assignment in Washington, he was director of NASA's program planning and evaluation department, and was instrumental in developing the NASA ten-year plan for space exploration.

### 1941

*Leland G. Swart*, MS, is a member of the technical staff and supervisor of the underwater systems development division for Bell Laboratories in Whippany, N.J. He is also a member of the Kiwanis, sings in St. Johns on the Mountain Episcopal Church Choir, and is active in local civic clubs. The Swarts have two girls, 16 and 12, and a boy, 4.

### 1942

*Ben F. Howell*, MS, PhD '49, head of the department of geophysics and geochemistry at Pennsylvania State University, has been re-elected for another three-year period as secretary of the section of seismology of the American Geophysical Union.

### 1944

*Herbert J. Cabral* is now deputy manager of the Polaris missile launching and handling project at Westinghouse Electric Corporation's Sunnyvale division. He has been with the company since 1946.

*Charles S. Cox* has been named an officer of the Pacific Southwest Regional Committee of the American Geophysical Union for a three-year period.

*Jepson Garland* writes from London that "with my wife, Bobby, and three daughters, Nancy, 6; Susie, 4; and Cindy, 2; I have spent the last 18 months here on an assignment for the Fluor Corporation, Ltd. I have been project engineer on an oil refinery expansion project being constructed in Minatitlan, Mexico.

"We have skied in the French and Swiss Alps and the kids can all yodel now. We've also traveled extensively in Western Europe. I'll be returning to Fluor's Los Angeles office in April."

### 1945

*P. W. Kohlhaas* is now executive vice president of Patterson - Emerson - Comstock, Inc., a large electrical construction and engineering firm, at their home office in Pittsburgh.

*Charles E. Lamar* was recently promoted to vice president of marketing for the Southern Pipe division in Azusa of U.S. Industries, Inc. *Douglas Stromsoe*, '23, is division president.

### 1947

*Irving Michelson*, MS, PhD '51, professor of mechanical engineering at the Technology Center at Illinois Institute

of Technology, is on leave this spring at the Université de Nancy in France as a visiting professor.

*Eugene M. Shoemaker*, MS '48, chief of astrogeologic studies for the U.S. Geological Survey, spoke on terrestrial impact on the earth and moon at a special geology seminar at Caltech last month.

### 1950

*Howell Tyson, Jr.*, joined the technical staff of the IBM Corporation in Los Angeles last summer. He was formerly staff engineer at the EAI Computation Center in L.A. The Tysons have three girls - 8½, 6, and 3.

### 1952

*Keith L. Winsor* is now manager of the advanced electronics department of the advanced electronics and information systems division of Electro-Optical Systems, Inc., in Pasadena. He was formerly project chief of the components section at the Wiancko Engineering Company.

### 1953

*Sheldon Rubin*, MS '54, PhD '56, writes that "I've recently been named head of the technical engineering section in the radar and missile laboratory of Hughes Aircraft Company in Culver City. The mechanical design of the electronic equipment in the Surveyor lunar soft-landing spacecraft will be performed in this section.

"We have great expectations for our recently arrived son, Geoffrey, (Caltech, approx. '82) because he is already master of the household."

### 1955

*Cdr. Roy S. Cornwell*, AE, is now at the Lawrence Radiation Laboratory in Livermore, Calif., as a military research assistant. He is working on Project Pluto. Roy came to the lab from the Naval Air Rocket Test Station in Lake Denmark, N.J. Before that he had spent four and a half years as a night fighter pilot in the Atlantic Fleet. The Cornwells have three children - 5, 3, and 1.

### 1958

*Jon R. Valbert*, MS '59, graduate student and instructor in chemical engineering at MIT, has been elected to membership in Phi Lambda Upsilon, the national honorary chemistry and chemical engineering society there. Members are chosen on the basis of academic achievement, and on participation in extracurricular activities. During the summers Jon has worked as an engineer for Standard Oil of Indiana, and for Morton Salt; and as a technician at Inland Steel.