

# Personals

1914

*Virgil F. Morse* writes that "I retired from my job in the L. A. City Engineers' Van Nuys office in March 1956 and moved to Cottage Content at Boulder Bay on Big Bear Lake. My wife and I are both in excellent health. We have 13 grandchildren and 3 great grandchildren. We're planning on a long trip with a car and trailer this summer to Iowa and back. My advice to the younger generation might be: 'Have your fun as you go along in life and then you will know how to enjoy retirement'."

1916

*Kenneth Rich* retired two years ago after having completed 40 years of teaching, 18 of them as principal of the East Bakersfield High School. "I now find that I'm busier than ever," he says. "The only difference is that no one pays me in cash. Took a European trip last spring, play golf, am a camera bug, am moderator of a new church, and have numerous committee responsibilities — and am enjoying all of it."

1925

*Caryl Krouser* writes from Barstow

that he is a vice president and associate editor of Courier Enterprises, which publishes newspapers in Colton, Barstow and Big Bear, Calif., and Parker, Arizona. In the spring of 1958 he went around the world in 38 days along with 30 other newspaper people. They interviewed the heads of all foreign governments including Nasser and Nehru. In September 1958 he was official recorder for a group of publishers invited by the Belgian government to visit the World's Fair. Last month he started on an extended tour of Mexico to make TV travelogues and colored movies.

1932

*Brig. Gen. William R. Shuler* is now on a three-year tour of duty as division engineer of the United States Army Engineer Mediterranean Division, with headquarters in Leghorn, Italy. He recently completed a four-year tour in the Pentagon as chief of construction for the army worldwide. He will be responsible for all construction for the Army, Air Force, and Navy, and all foreign aid from west of Africa to Pakistan.

Last September Bill narrowly escaped death when the plane which was taking

him and other Army staff members to Tehran crashed on take-off at the Khaneh construction site in Kurdistan. The pilot and all passengers were trapped in the wreckage when the door jammed. Bill crashed open the exit door for the party's escape. No one was seriously injured.

1934

*Edward B. Doll*, MS '35, PhD '38, has been elected a vice president of Space Technology Laboratories, Inc., in Los Angeles. He will assume new responsibilities as associate director of STL's systems engineering division and will continue to serve as program director for the Air Force's ATLAS — a position he has held since 1956. He has been with STL since 1955. Ed played a key role in the recent Project Score which placed the missile called the "talking satellite" in orbit around the earth.

1937

*John R. Austen* is now assistant to the general manager of the Phillipsburg, Pa., plant of the Ingersoll-Rand Company. He had been assistant superintendent of the compressor manufacturing division. John has been with the company since his graduation from Caltech. The Aus-

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## Personals . . . continued

tens, who live in Palmer Township, have two children — John, 13, and Stephen, 11.

*Martin H. Webster*, who has his own law practice, has moved his offices to Beverly Hills. His specialty is still tax and business law. He's now rounding out his year as chairman of the 48-man taxation committee of the Los Angeles Bar Association and his three-year stint as a member of the 10-man committee on taxation of the California State Bar. Martin's wife is also a lawyer and they have two children — Felice, 10, and Larry, 8.

### 1938

*Joseph Westheimer* writes that "we now have our second adopted child — Katherine June, 8 months old. Our first adopted child, Jody, is 3½ years old. I am starting the fifth year of operating the Westheimer Company in Los Angeles where we make motion picture titles and optical effects for feature films and television shows, and commercials for T.V."

### 1939

*David H. Scott* is opening a geophysical-geological consulting practice in Los Angeles. Former chief geophysicist for the Hancock Oil Company and chief

geologist for the Signal Oil and Gas Company, he also served with the Texas Company — as geologist and division geophysicist of the Pacific Coast Division, and as head of the gravity department at Houston for U.S. and Canadian operations.

### 1940

*James E. LuValle*, PhD, who is project director of Technical Operations, Inc., in Arlington, Mass., is also a visiting lecturer in thermodynamics and kinetics at Brandeis University; vice chairman of the Town Meeting Members Association; and president of the Harrington Parent-Teachers Association in Lexington, Mass. The LuValles have three children — John, 8; Phyllis, 6; and Michael, 3.

*Frederick C. Brunner*, MS '41, writes that "after more than two years in Germany as project engineer for the design and construction of Esso's new Cologne refinery, my family and I are returning to Braun's home office in Alhambra, Calif. On the way, we hope to visit *Ken Gold*, '42, chief engineer for Caltex Services in London. Also a note for the Class of '65 — one of the Brunner sons won a prize at the European Science Fair in Heidelberg with a homemade motor generator set."

### 1941

*William S. Stewart*, PhD, will be the honor guest at a reception being held in the Descanso Gardens in La Canada, on February 22. He is director of the Los Angeles County Department of Arboreta and Botanic Gardens, which includes the Los Angeles State and County Arboretum in Arcadia and the Descanso Gardens. Bill is also a research associate at Caltech.

### 1942

*George P. Sutton*, MS '43, writes that "I have taken a nine-month leave of absence from my job as manager of advanced design at Rocketdyne to accept the Jerome Clark Hunsaker professorship of aeronautical engineering at MIT. This is one of the few endowed honorary chairs at the Institute. During 1958 I had the wonderful experience of serving the American Rocket Society as its president. With the aid of Sputnik, the membership increased during my term of office by almost 40% to a record high of 12,200. This appears to be an unprecedented growth for a professional engineering society.

"In your November, 1958, issue of *E&S*, you had a list of lost alumni. I am happy to report that one of them, my classmate *Joe Sternberg*, '42, is working for the U.S. Army as a division chief at the research laboratory at Aberdeen Proving Grounds, Maryland."

### 1944

*Jurg Waser*, PhD, Caltech professor of chemistry, has been elected vice president of the American Crystallographic Association for 1959, and also secretary of the National Committee of Crystallography set up by the National Research Council of the National Academy of Sciences. Jurg came back to Caltech last fall, after teaching for ten years at Rice Institute in Houston, Texas.

*Ronald S. Johnson* writes that he's enjoying management consulting with Arthur D. Little, Inc., in Cambridge, Mass.

*John H. Gardner* is "still with the Richfield Oil Corporation in Bakersfield doing reservoir engineering and production laboratory work. As for our family, we have three boys; the oldest is 7. My wife and I have played several seasons in the Kern Philharmonic Orchestra and are all wound up in community theatre and miscellaneous culture. I'm secretary of the local soaring club and also I'm working toward a glider pilot license."

### 1945

*Mark M. Macomber* received his MS from Ohio State University in Columbus last December.

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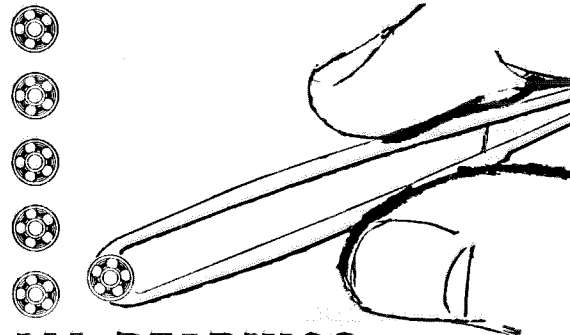
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numbers six — three boys and three girls, including a set of twins. Right now, he's busy building a new home. "So far," he says, "we've outgrown four."

### 1949

*Paul Harris* was recently transferred to Bakersfield as district geologist for the Texas Company. The Harrises also have a new son, Jeffrey Paul; they already have a daughter.

*Irwin Pfeffer*, MS, manager of the mechanics and simulation department of the Space Technology Laboratories, is one of the lecturers in the statewide series of lectures presented in February by the University of California. He is lecturing on the analog computer theory.

### 1950

*Richard R. Carhart*, PhD, who died two years ago, was posthumously awarded the first annual prize for outstanding contributions in the field of missile electronics reliability and quality control last month. The award was accepted by Dick's widow, Mary, on January 13 at a dinner meeting in Philadelphia, sponsored by the ASQC, the Institute of Radio Engineers, the Electronics Industries Association and the American Institute of Electrical Engineers. Dick had been with Lockheed Missile Systems Division since 1955. He died of cancer on December 9, 1956.

### 1951

*Graydon D. Bell*, MS, PhD '57, writes that "since the fall of 1957 I have been assistant professor of physics at Harvey Mudd College in Claremont. This is a new college of science and engineering and I am finding my job both challenging and exciting. I am continuing my research with Dr. Robert King, professor of physics at Caltech. Last February our second child, Stephen, was born. Kathy is now 27 months old."

*Robert L. Waid*, operations engineer of the supersonic wind tunnel at Caltech's Jet Propulsion Laboratory, will teach a University of California engineering course during the spring semester at John Muir High School in Pasadena. His course, which begins on February 11, is part of some 400 evening classes to be offered by University Extension in Los Angeles and 16 other southern California communities.

*Robert E. Trudel*, MS, has been appointed manager of systems engineering in the Tactical Weapon Systems Division of Aeronutronic Systems, Inc., in Maywood, Calif. Aeronutronic, formed in 1956, is a subsidiary of the Ford Motor Company and specializes in the research, development and manufacture of highly

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## Westinghouse Astronautics Institute now probing basic problems of interplanetary travel

It was a wise man who first said, "A problem well defined is half solved."

Space exploration is no exception to this rule. Many of the complex activities at Cape Canaveral and our other missile test sites are devoted to better defining the problems involved in space flight.

Westinghouse, for its part, has established an Astronautics Institute to investigate such matters as space craft stabilization, orbital injection, space guidance and communications, the equipment needs of a manned lunar colony, etc. This Westinghouse group has already made significant contributions toward a better understanding of space problems. It has also developed a number of solutions.

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technical military and commercial systems and components.

### 1952

*Philip S. Thayer*, PhD, writes that he has been employed by Arthur D. Little, Inc., in Cambridge, Mass, since 1955 in consulting and research in the biology group. The Thayers have three children — Philip, Jr., 10; Margaret, 6; and Elizabeth, 3.

### 1953

*David Johnston* sends a skeleton report of the past few years: "I'm still with Western Geophysical; moved from Shafter to East L.A. to Colusa in 1956; got married to Margarita Günther (formerly of our L.A. office) in 1956; moved to Billings, Montana, in January, 1957; to Roswell, N.M., in March; to Tyler, Texas, in July; baby boy born in Tyler in August; to Lima, Peru, for a two-month vacation in December, 1957; back to Tyler; to Shreveport, La., in May and finally back to Bakersfield in July — a total of 7,550 miles, not counting the 9,000 to Peru and back. David Wayne is now 17 months old and delightful."

*George R. Dubes*, PhD, writes that he's still doing research on polio viruses and a little on ECHO and Cocksackie viruses at the medical center of the University of Kansas. George is assistant professor of pediatrics there.

*Philip K. Bates* is now attending the graduate school of industrial management at MIT for two years.

### 1955

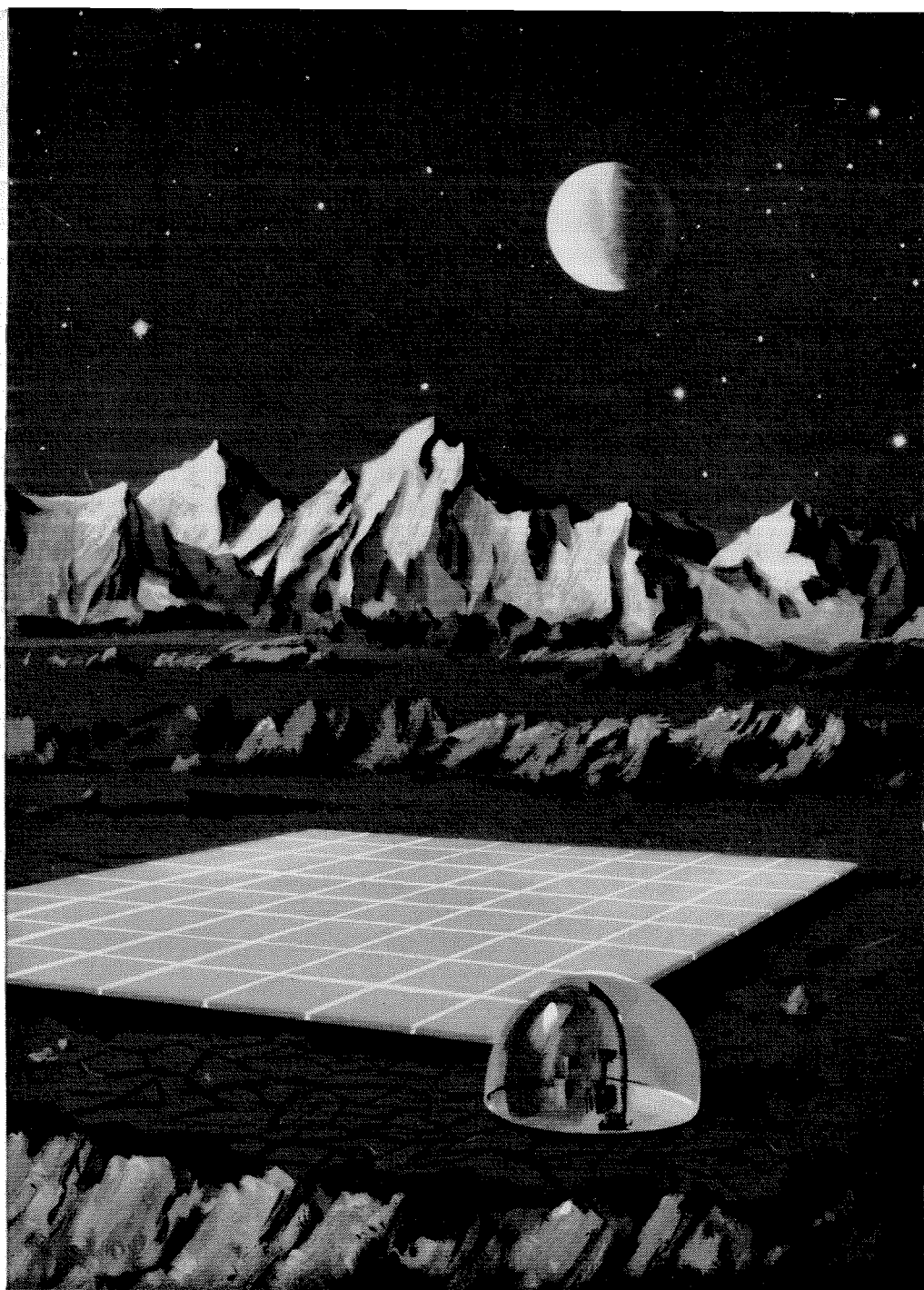
*Alfred A. Barrios* is now at UCLA working for his PhD. He has changed from chemistry to psychology. "As for money," he writes, "I have a very convenient room-and-board job — I'm a hasher in a sorority house."

### 1956

*Jan L. Arps* writes that "in September I left my job with Shell in Louisiana to come to Harvard Business School. I'm looking forward to two very pleasant years in the Boston area. Also in my class are *Dick Kirk*, '58, and *Vincenzo Cestaro*, BS '55, MS '55. *Ted Johnson*, '56, who just graduated from the Business School, was very helpful in providing the 'true scoop' on how to keep one's head above water at the school."

### 1957

*Charles V. Goebel* writes that he's at Harvard in the chemistry grad school "along with *Gerald O. Dudek* '54, my roommate; *Kyle Bayes* '56; *Bob Blakely* and *Dennis Peters* '58, and *Will Richards* '54. The weather here is taking its toll of Californians — we walk around Boston with a continuous sinus drip."



## Westinghouse designs power plant for the moon to provide electricity for man's first space colony

Lunar explorations are no longer the mere dream of a few. Dedicated men all over the world are now actively at work on lunar projects. The first reconnaissance space craft have been launched.

Westinghouse, as part of its effort in the area of space technology, has already designed and demonstrated a practical power plant for use by man's first space colony on the moon. This Westinghouse plant will be very lightweight and compact to facilitate its transport, and it will produce a substantial quantity of electricity from the rays of the sun.

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