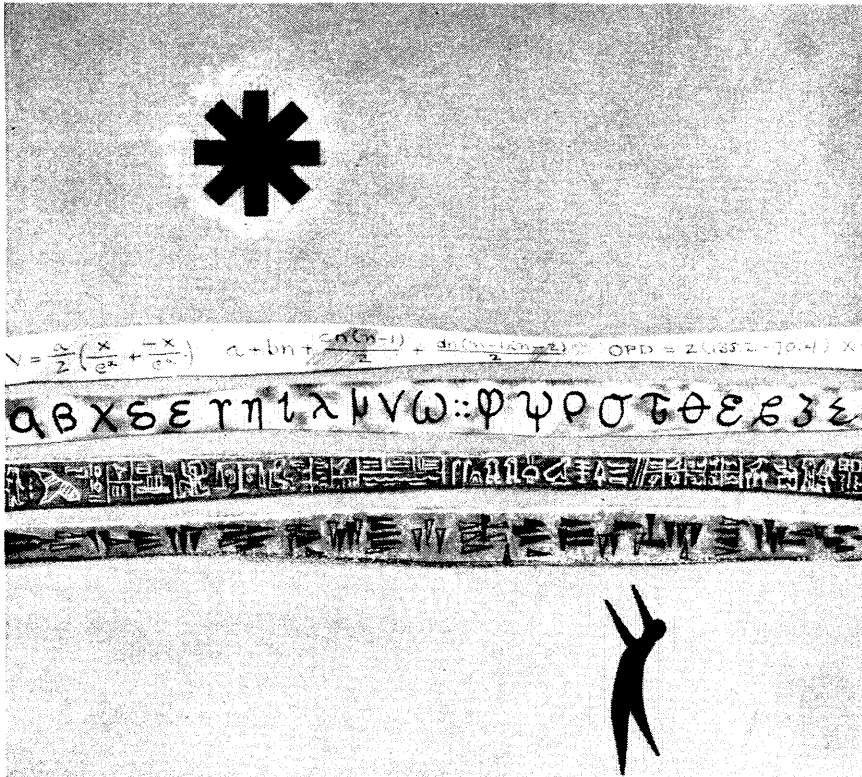


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# Personals

1919

M. Reginald Coles, supervising engineer of the ground support services of AiResearch Manufacturing Co., died of a heart attack on October 11, 1961. He had been with the company for the past six years. Mr. Coles is survived by his wife, a son and daughter, and five grandchildren.

1925

Samuel L. Diack, M.D., was selected as "Citizen of the Year" by the Portland (Ore.) Board of Realtors in December. Sam has been active in many community affairs and was the guiding force in the establishment of the Oregon Museum of Science and Industry. Last September he was named as the Oregon State Medical Society's "Doctor-Citizen of the Year." Portland's Women in Journalism presented him with a plaque last spring for "outstanding service to the state," and described him as the "stubbornest, most persistent, most engaging beggar in Oregon."

1926

Charles H. Bidwell has spent the last ten years on leave from the Bell Telephone Laboratories to work at the Sandia Corporation in Albuquerque, N.M. He is in charge of the Systems Analysis Division, which is mostly concerned with electronic counter-measures but also with counter-measures involving atomic weapons as well. "We've got a married daughter," Charlie writes, "and a granddaughter. Our son is just entering the University of New Mexico. I'm still playing in *minor* tennis tournaments as a 'Senior Veteran,' at the qualifying age of 46, which age I've retained for many years."

1927

John H. Maxson, MS '28, PhD '31, president of the Aerial Exploration Company in Denver, Colorado, has prepared a geologic map of the Bright Angel Quadrangle in Grand Canyon National Park, just published by the Grand Canyon Natural History Association.

1931

Sho-Chow Woo, PhD, is director of the Institute of Physical Chemistry at Academia Sinica in Peiping, China.

1932

Kenneth H. Swart, MS '33, is now executive vice president and general manager of Smith Industries International, Inc., in Compton, Calif. He was formerly president of the Smith Tool Co., a division of Smith Industries.

*continued on page 34*

## Personals . . . continued

1937

*John L. Sullwold* has been appointed manager of the Elliott Company's Los Angeles district. John joined Elliott's parent company, the Carrier Corporation, in 1949.

1938

*Armand F. DuFresne* has been elected president and board chairman of Du Pa Co., Inc., in Arcadia. He succeeds the late *Franklin Page, Jr.*, PhD '50, who died on Nov. 16. Armand was formerly materiel manager of the A & C Instrument Division of Consolidated Electrodynamics Corporation.

1939

*Calvin A. Gongwer*, MS, is now manager of the new Oceanics Division of the Aerojet-General Corporation. The former anti-submarine warfare division has been split into two independent units—the Oceanics and the Torpedo divisions. Cal has been with Aerojet since 1945, and his inventiveness has led to the development of the powerful Alclo solid propellant, the Hydrocket and other water-jet propulsion systems for surface craft. He was also a co-in-

ventor of the Minisub—a two-man, free-flooded submarine.

Cal was newly appointed vice president of the Global Marine Exploration Company—a firm newly engaged in deep sea drilling and other oceanography research programs. He and his family live in Glendora, Calif.

1940

*Lt. Col. William W. Stone, Jr.*, MS '41, is now director of the Operations Research Group at the Army Chemical Center in Maryland.

*Robert B. Young*, vice president of Aerojet's Liquid Rocket Plant in Sacramento, recently received the American Rocket Society's Propulsion Award, for his outstanding work in liquid rockets and his leadership in the development of engines for the Air Force Titan I and Titan II missiles.

1943

*Klaus Mampell*, PhD, is now retired and living in Beatenberg, Switzerland.

*Patrick S. Chase*, MS '46, AE '50, is now president of Servonic Instruments, Inc., in Costa Mesa. He has been executive vice president and general man-

ager of the firm for the last five years.

1946

*Lt. Col. Harry L. Gephart*, MS, retired from the U.S. Air Force on May 31 after 27 years of service. He is now assistant professor of mechanical engineering at New Mexico State University and is teaching aerodynamics and a new course in astronautics.

*Donald B. Hicks* has been transferred from the main office of the Kaiser Steel Corporation in Oakland to Fresno, where he will act as resident sales representative. He has been with the company since 1953.

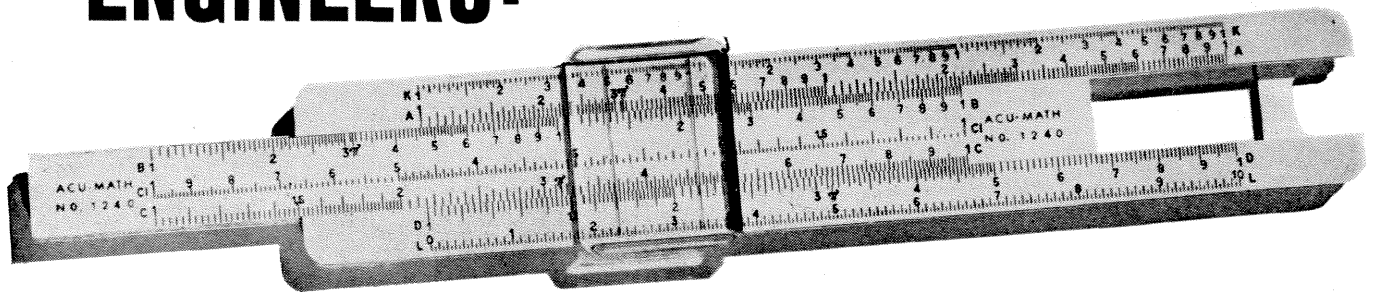
1949

*Aaron N. Fletcher*, aeronautical fuels research chemist at NOTS in China Lake, writes that he received his PhD last year from UCLA, and that the Fletchers have a new addition to the family—Denise, born in December. Their other children are Clixie, 9; Roberta, 7; Delora, 5; and Ronald, 1.

*Arthur E. Bryson, Jr.*, MS, PhD '51, is now Gordon McKay professor of mechanical engineering at Harvard Uni-

*continued on page 36*

# ENGINEERS:



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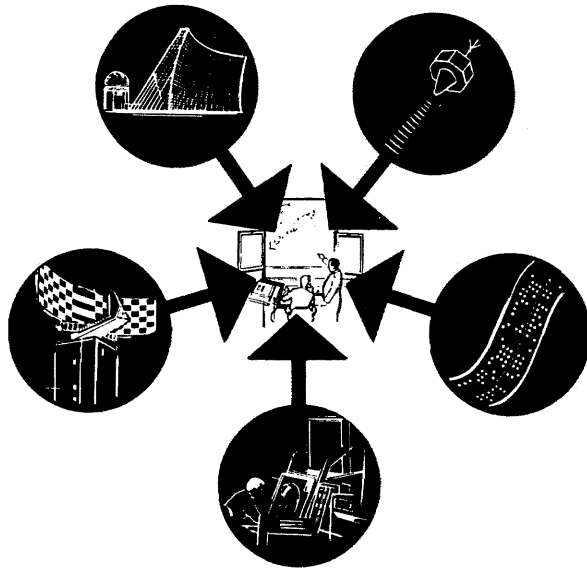
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  - Communications
  - Human Factors
  - System Cost Analysis
  - Econometrics
  - Radar Systems and Techniques
- System Analysis
  - Advanced System Design
  - Computer Technology
  - Mathematics
  - Air Traffic Control System Development
- Antenna Design
  - Microwave Components
  - Space Systems Command and Control
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## Personals . . . continued

versity in the division of engineering and applied physics. He is currently working on problems in high temperature gas dynamics and optimization problems in flight mechanics and automatic control. He is also a consultant for the Raytheon Company's missile and space division in Bedford, Mass.

*Samuel N. Domenico*, MS, has been appointed division geophysicist at Pan American Petroleum Corporation's gulf coast division in Houston. He was formerly consulting geophysicist at Pan American's Canadian division.

*M. Kent Wilson*, PhD, chairman of the department of chemistry and professor of chemistry at Tufts University, has been elected chairman of the Northeastern Section of the American Chemical Society for 1962.

### 1950

*John P. Moffat, Jr.*, is now manager of product development for the transducer division of the Consolidated Electrodynamics Corporation. He was formerly chief engineer of CEC's electro-mechanical instrument division.

*Adam F. Schuch*, PhD, member of the staff of the Los Alamos Scientific Laboratory, also acts as an alternate group leader in cryogenics. "My time is divided in about 3 ways," writes Adam, "into administration, research, and engineering on the Rover rocket program. This summer I was appointed to the Cryogenic Engineering Conference Committee for the 1961-64 term."

### 1951

*John M. Bozajian*, MS, writes that he "was recently promoted to assistant manager of the engineering mechanics and preliminary design departments of the space systems division at Hughes Aircraft in Culver City. My principal assignment is the technical management of thermal control, structures and touch-down landing system development for the NASA-JPL Surveyor (lunar soft-landing) spacecraft.

"Other current activities include periodic professional engagements as a jazz musician. We now have three boys in the family."

### 1952

*Gerald D. Fasman*, PhD, formerly assistant head of biophysical chemistry at the Children's Cancer Research Foundation in Boston, and research associate at the Harvard Medical School, has been appointed assistant professor of biochemistry in the graduate department of biochemistry at Brandeis University in Waltham, Mass. He is also now the father of three sons.

*continued on page 38*

*Engineering and Science*

## Personals . . . continued

*Donald K. Tautz*, MS '53, engineer at Tau-Sons Research in Englewood, Colorado, was married to Eva Aldrich in Denver on December 17.

1954

*James N. Pinkerton*, who worked in the operations research group at Arthur D. Little, Inc., in Cambridge, Mass., died last October 30 of self-inflicted poisoning. He had received his PhD from Harvard in June 1961. Jim leaves his wife and a son, James, Jr.

1955

*Samuel J. Sims*, geologist with the Bethlehem Steel Corporation in Republique du Gabon, Africa, was married there to Myrna Diel on July 5. They were the first white couple to be married in that French territory.

1956

*Robert C. Kausen* is now a member of the research and development staff of Arthur D. Little, Inc., in Cambridge, Mass. He is working on product development in the field of plastics. In 1956, after a short period of work with the Union Carbide Corporation, Bob entered the U.S. Army and spent three years in

Berlin, Germany. Bob and his wife have a son, born last April.

*Paul Shlichta*, PhD, is senior research engineer in the solid state physics department at Caltech's Jet Propulsion Laboratory. He is now conducting basic research on metal whiskers.

*Paul O. Lindfors*, MS '57, section chief of the Air Force Flight Test Center's Aerospace Data Systems Branch at Edwards Air Force Base in California, recently supervised the conversion of an ineffectual, four-year-old digital data processing system into a speedy, accurate one that's saving \$450,000 on its first job. The system is believed to be the only one expressly designed for rocket engine and aircraft flight testing.

Paul put in three years as an Air Force Lieutenant at Edwards, then stayed on there as a civilian engineer. He is the father of three children.

1958

*Robert E. Schenter*, graduate student at the University of Colorado, announces the birth of his first child, Gregory, on June 30, 1961.

1961

*Douglas Shakel* is a trainee in the

Undergraduate Navigator Training Program of the U.S. Air Force at James Connally AFB in Texas. He expects to get his wings next July. He writes that *Charles J. Siegel* '61 is at Williams Air Force Base near Phoenix learning to be a pilot. *Thomas Bjorklund* '60 is finishing a master's degree in geology at the University of Texas, where his advisor is *William R. Muehlberger* '49, MS '49, PhD '54, associate professor of geology. *John Lohman* '61 is a graduate student in psychology at the University of Michigan. *Seymour Rapaport* '57, is a medical student at Moffitt Hospital at the University of California at Berkeley.

*Peter Lippman*, now a physicist at the Applied Physics Corporation in Monrovia, writes that he was married on December 24, 1961.

*Lt. Warren L. Simmons*, MS, is now with the physics division at the Research Directorate of the Air Force Special Weapons Center at Kirtland Air Force Base in Albuquerque, N.M. Warren captured the Albuquerque city crown in golf last summer. He has also written a 25-page bulletin, *Operations Research*, which has been published by Caltech's Industrial Relations Center.

### ALUMNI WINTER DINNER MEETING

February 6, 1962

**Speaker:** Victor Vacquier  
Research geophysicist in charge of geomagnetic research at the Scripps Institution of Oceanography at the University of California at La Jolla. Mr. Vacquier was Distinguished Lecturer for the Society of Exploration Geophysicists in 1956, and was awarded the Weatherill Medal by the Franklin Institute in 1960 for the development of the airborne magnetometer.

**Topic:** "Probing Earth's Underwater Frontier."  
A discussion of recent findings at Scripps concerning the structure of the ocean floor, and their contribution to our understanding of the internal construction of the earth.

Cocktails at 6:30, Dinner at 7:15  
Rodger Young Auditorium  
936 West Washington Boulevard  
Los Angeles

### ALUMNI DIRECTORY SUPPLEMENT

A supplement to the 1960 Alumni Directory is now ready for distribution. This supplement lists only the names and addresses of those who received degrees in June, 1961. Copies of the supplement will be sent automatically to Association members who received degrees in 1961. Other Association members may secure copies by filling in the form below and sending it to the Alumni Office.

Please send the 1961 Supplement to the 1960 Alumni Directory to:

Name.....  
Address.....  
City.....State.....