Personals

1911

Harold C. Hill writes that "I've been retired for seven years and I'm still enjoying my hobbies – growing avocados and camellias, and polishing rocks. I also take time out for trout and deep sea fishing. Very busy."

1912

Norman E. Humphrey broke his retirement and started his own business (scales service and sales) in El Centro, in December 1957. "We're making splendid progress," he says, "and are very happy with it. My son, William E., is married and has two wonderful little girls. My daughter, Norma, is married, teaching, and helping her h u s b a n d through his senior year at Arizona State in Tempe."

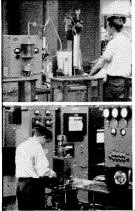
1918

Fritz W. Karge writes that "I retired in 1949 from the Union Oil Company of California, but in '50 and '51 I handled several projects for the company and for the oil field waste water companies in Santa Fe Springs and Orange County. Later I was consulted for the design of overland pipe lines for heavy oil in Venezuela, Turkey, Egypt, and Guatemala. We have two married daughters and each has two children. One son-in-law is basketball and baseball coach at Occidental College. The other one is teaching mathematics at a San Diego high school. Being now 75 years of age, my working days are very likely over. Our retirement home in Corona del Mar overlooks the ocean on which I sailed from 1900 to 1911."

1923

Don Loughridge, PhD '27, is now head of a new physical and mathematical research department at the General Motors Laboratories in Detroit. "Much of the work under way in the department is on direct conversion of heat energy to electrical," Don writes, "and before many more decades we may be again riding in electrical automobiles.

"GM is always interested in hiring Caltech graduates. Please contact me if interested."



LAB ANALYST (top) operates a carbon determinator for checking carbon content of bearing steel. Bottom, technician tests ball life with ball fatigue testing machine.



CONTROLLED ATMOSPHERE FURNACE used for determining heat treating specifications in Fafnir's metallurgical laboratory.

nician tests ball life with ball From Fafnir Research today, fatigue testing machine. the bearings <u>you</u> need tomorrow!

Ball bearing requirements in many areas of industry are growing fantastically complex. Materials and lubricants used in bearings today are inadequate for certain foreseeable needs. To help find answers to such vital problems, engineers at The Fafnir Bearing Company are provided with the most upto-date facilities for ball bearing research and development, including a completely modernized metallurgical laboratory, and highly refined devices for testing bearings, bearing materials, components, and lubricants. From such resources, and unceasing experiment, new and better Fafnir ball bearings are "born". That is why — when future progress reaches "turning points" chances are Fafnir will have a bearing on it! The Fafnir Bearing Co., New Britain, Conn.

Write for booklet, "Fafnir Formula For Solving Bearing Problems" containing description of Fafnir engineering, research and development facilities.



1927

Charles A. Bradley, Jr., director of glass melting operations at the Corning Glass Works in Corning, N.Y., has been made a fellow of the American Ceramic Society.

1928

Arnold O. Beckman, PhD, founderpresident of Beckman Instruments, Inc., has received a lifetime honorary membership in the Instrument Society of America (the highest award of the Society) in recognition of a "long and distinguished career" and for "continuing contributions to science, industry and education."

1929

Maurice F. Hasler, MS '30, PhD '30, president of Applied Research Laboratories, Inc., in Glendale, has been made a fellow in the Optical Society of America. This honor is received by those who have "served with distinction in the advancement of optics."

1930

Ira C. Bechtold is a director of Southern California Electronics, Inc., doing business as Marine Radio Service in San Pedro. Major interest in the company is held by A.A. Fomilyant '34.

1931

George F. Wislicenus, MS, PhD '34, professor of aeronautical engineering and director of the Garfield Thomas Water Tunnel at Penn State University, has been made a fellow in the American Society of Mechanical Engineering.

1932

Philip D. Brass, PhD, is now a research associate at the U.S. Rubber Company's research center in Wayne, N.J.

1933

Reinhardt Schuhmann, Jr., is now head of Purdue University's new School of Metallurgical Engineering. He has been at Purdue since 1954.

Trent R. Dames, MS '34, executive partner of Dames and Moore, has been elected to the National Board of Direction of the American Society of Civil Engineers for a three-year term.

1934

Cmdr. Donald R. Rooke is now public works officer at the Parris Island Marine Corps Recruit Depot in Georgia. Previously, he was with Naval Construction Battalion Nine in San Francisco.

continued on page 50

Engineering and Science

Personals . . . continued

1936

Paul H. Hammond is now vice president and general manager of Beattie-Coleman, Inc., in Anaheim. The company is a subsidiary of Coleman Engineering. Paul has also been appointed to the Beattie-Coleman board of directors.

1938

Maj. Gen. William S. Stone, MS, is now superintendent of the new Air Force Academy at Colorado Springs, Colorado. The Stones' 18-year-old daughter, Susan, is studying at the University of Colorado in Boulder, and their son, William, 15, is at Lawrenceville School in New Jersey.

1940

George R. Brown writes from New Canaan, Conn., that he has been promoted to district manager of the Texaco Exploration Company, with headquarters in Calgary, Alberta, Canada. "My wife, 2-year-old son and I will soon brave the icy blasts of the Arctic," he says, "and we hope to find a home before it all freezes up."

Jack Tielrooy writes that "I've been in business for myself as a consulting chemical engineer for almost three years. Although I maintain my office in Fullerton, most of my clients are scattered throughout the country. My activities are devoted almost entirely to the petrochemical field – in management consulting and process design."

1944

Capt. Albert Furer, MS, AE '44, writes that "since coming to San Diego last year I've had command of the Naval Air Force Pacific Fleet's Airborne Electronic Training Unit, which is based at the Naval Air Station on North Island. To date, we (wife and two daughters, 13 and 8), have been able to withstand the rigors of Coronado's and San Diego's monotonously fine and smogless weather."

William R. Hamilton, president of Baron Industries in Los Angeles, writes that "I've been married almost 15 years now and have three boys -13, 11 and 7. I recently became a director of the Currier Corporation in San Francisco. Also, I got tired of watching cowboys on TV - so I got my own horse."

1945

Marshall E. McElhannon writes that "I've been working as a general building contractor in Los Angeles since early 1959. Business is just beginning to pay off. My education at Tech has surely provided an excellent background for the various avocations I have followed. We have two lovely girls – 4 and 51/2."

continued on page 52

SALES ENGINEERING UNLIMITED

/ DUNHAM-BUSH



DEANE KEUCH Purdue University '53

EANE KEUCH, one of 136 Dunham-Bush sales engineers, knows the advantages of being associated with a dynamic young company with extensive product lines.

Following his engineering studies at Purdue, Deane joined Dunham-Bush as a trainee and soon became an application engineer. After a relatively short time he was assigned his own territory, working out of the Cleveland area sales office.

In calling on consulting engineers, architects, plant engineers, wholesalers, contractors and building owners, Deane (like all Dunham-Bush sales engineers) finds it reassuring to be backed by his area office and the facilities of Dunham-Bush laboratories.

Equally reassuring is the availability of complete lines. The range of Dunham-Bush refrigeration products runs from compressors to complete systems; the range of air conditioning products extends from motel room conditioners to a hospital's entire air conditioning plant. The heating line is equally complete: from a radiator valve to zone heating control for an entire apartment housing project. The Dunham-Bush product family even includes specialized heat transfer products applicable to missile use.

If you'd like to know more about the company that offers "Sales Engineering Unlimited", send for a copy of "This is Dunham-Bush".



AIR CONDITIONING, REFRIGERATION,

HEATING PRODUCTS AND ACCESSORIES

Dunham-Bush, Inc.

WEST HARTFORD 10, • CONNECTICUT, • U.S.A.

Engineering and Science

50

1948

Martin Robinson, MS '51, AE '52, died of cancer on August 27, 1958. Formerly research engineer for the Douglas Aircraft Company, Martin had been retired for some time except for working a few days out of each month for H. P. Forman. Martin's widow and three children are living in Compton.

James G. Wendel, PhD, is associate professor of mathematics at the University of Michigan. The Wendels have five children – ages 7, 6, 6, 4 and 2.

1953

William D. Gardner writes from Corona that he's working with the City of Riverside as an office engineer. "I got my State registration as a civil engineer about a year ago," Bill writes, "and I'm now secretary of the local chapter of the California Society of Professional Engineers. We have two children – David, 3, and Linda, 1 – and expect another in February."

1954

Paul Concus writes that "in your October issue I read about the completion of my PhD work at Harvard. In addition, other things have happened: While at Harvard, I met Celia Gordon, a Radcliffe grad student in biology, whom I married last March. We honeymooned for 10 weeks in Europe and in July we settled in the Bay Area, where I'm working for IBM in Oakland."

Manuel Morden, MS '55, structural designer at Brandow & Johnston in Los Angeles, announces the arrival of a daughter, Ilyanne, in October. The Mordens already have a son, Daryl.

1955

Oreste W. Lombardi is now a chemist in oceanography at the Michelson Laboratories at NOTS in China Lake. A new son, Harold, was added to the Lombardi family in October.

Thomas B. Howes, MS, is district exploration superintendent for Montana with The California Company, working on the Gulf Coast and throughout the western states. The Howes' have three children – two boys, 7 and 5, and a girl, 2.

1957

Edwin X. Berry is now research assistant at the Thayer School of Engineering at Dartmouth College in Hanover, N.H. He is married and has a 15-month old son, Kim. He got his MA in physics from Dartmouth this year.

1958

Robert A. Mowry, MS, senior engineer at Convair in Pomona, died of asphyxiation from carbon monoxide on July 16. He leaves his wife and three daughters.

1959

Harvey E. Fiala, electrical engineer at the Hughes Aircraft Company in Culver City, announces the birth of a second child, Annette, on October 5.

Mike Milder writes from Harvard Graduate School: "Bob Lange is pregnant. He and Jan are expecting in March.

"I have decided to give up extracurricular activities and enter a career in science.

"Joe Fineman '58, is back from his Fulbright year at St. Andrews in Scotland. He's here in physics along with Lange and me. Joe and I are rooming together in an apartment on Beacon Hill. We got in touch with Vince Taylor '58 (he lives in Boston and attends MIT) and when we told him our address, he informed us that Dave Leeson '58, lived at the same place last year. Same apartment, in fact."

