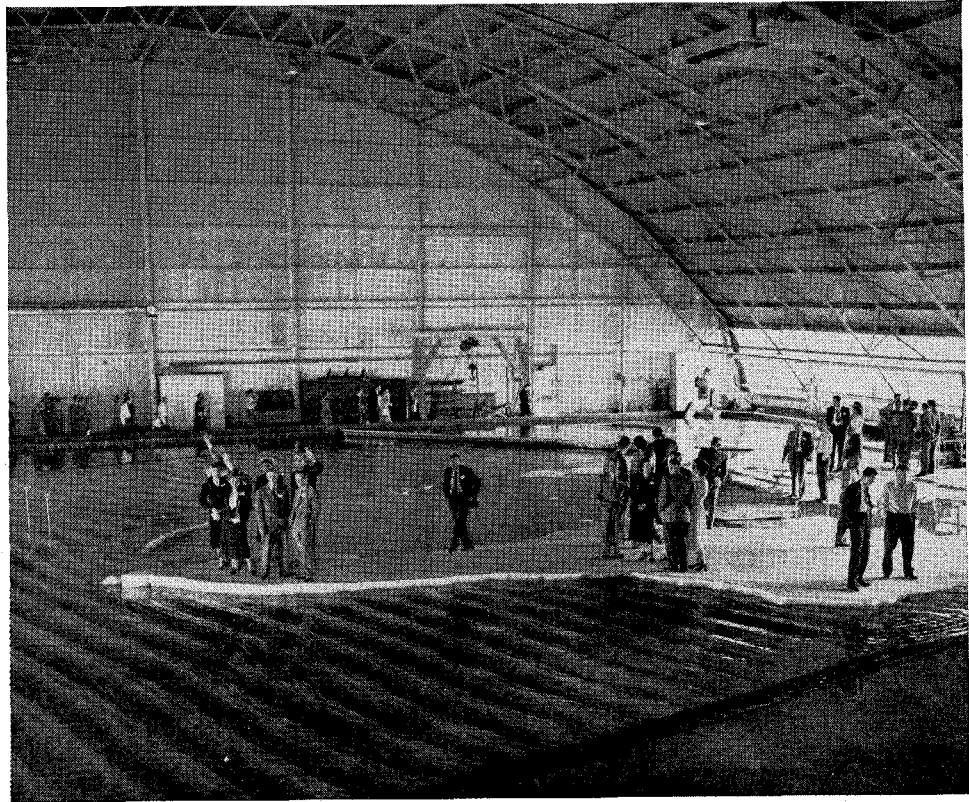


Highlight of the Alumni Seminar—field trip to Guam Harbor Project in Azusa.



## PERSONALS

1924

**E. Dale Barcus** has recently been appointed Protection Engineer in the southern California area of Pacific Tel. & Tel. In the group reporting to Dale are **Warren T. Potter, Jr.**, '35, M.S. '36, and **George Van Osdol**, '34.

1927

**Charles Bradley** writes: "Have been here (Corning, N.Y.) with Corning Glass Works for 13 years, and for the last three have been Director of Glass Melting Operations. Demands of glass for television tubes are, and have been, keeping us busy.

"My four children (twin boys, 15; son, 11; and daughter, 10) are all growing up so fast it makes me feel old."

**C. Lewis Gazin**, M.S. '28, Ph.D. '30, the Curator of the Division of Vertebrate Paleontology at the U. S. National Museum in Washington, was recently elected President of the Society of Vertebrate Paleontology, following in the footsteps of Caltech's Chester Stock, who held the office in 1947.

1929

**Bolivar Roberts**, formerly Acting General Plant Supervisor, has been appointed General Plant Supervisor of the southern California area of Pacific Tel. & Tel.

1930

**Chester F. Carlson**, inventor of the new electrostatic printing process, Xerography, which he described in E & S for Nov. '48, brings us up to date on Xerographic progress.

Xerography, he says, was (1) named

one of the ten outstanding scientific achievements of 1948 by *Current Science and Aviation Magazine*, (2) discussed extensively in the annual report of the Haloid Co., its commercial sponsor, and (3) the co-subject, with Haloid, of an article in the June issue of *Fortune*.

This summer the Haloid Company expects to announce production of a Xerox Copies Office Copying Machine—under, we trust, a somewhat catchier trade name.

1933

**Robert D. Fletcher**, M.S. '34, Ph.D., '35, entered M.I.T. in 1938 to study advanced meteorology, received his D.Sc. in 1940. For the next four years he was Supervising Forecaster for the Weather Bureau in the southern California and Arizona area, situated at Burbank. He also taught meteorology at UCLA. In 1944-45 he was Technical Consultant in Meteorology for the U.S.A.A.F., first in the China-Burma-India theatre and later in Panama. For this work he received the Award of Commendation in 1947. Since 1946 he has been Chief of the Hydrometeorological Section of the Weather Bureau in Washington. Fletcher lives in Bethesda, Md., and has two sons, Bob Jr., 12, and John, 7.

1934

**Glen W. Weaver** returned to Pasadena the first of the year, as General Manager of the Arnold O. Beckman Company, Inc., manufacturers of oxygen analyzers and recorders, and dosimeters (pocket gamma

ray detectors). Previously he was with the Western Electric Co.—in New Jersey from 1940 to 1946, and for the last three years in Hollywood with the Electrical Research Products Division, working on various phases of engineering.

1936

**Ray A. Jensen**, M.S. '37, and his wife, Elizabeth, belatedly report the arrival of a son, Eric Bruce, on July 21, 1948.

**Sidney Schafer**, M.S., is located in Houston, where he has been doing consulting work in the interpretation of geophysical data for the past four years.

**Clarence F. Goodheart** writes "not much new." He is evidently referring to his job (in the Electrical Engineering Department of Union College, Schenectady) rather than to his daughter Carol Frances, born last February 17.

1937

**Andrew Fejer**, M.S. '39, Ph.D. '45, who has been Director of the Fluid-Dynamic Division of the Packard experimental turbo-jet plant in Toledo since 1945, has just been named Engineering Consultant for the University of Toledo. He will report on the facilities of the turbo-jet plant and all possible research projects which might be undertaken there. His report will be used to support the university's bid for the plant, which is to be leased by the Air Corps for aeronautical research.

**George M. Dorwart**, M.S. '39, has been transferred by the Union Oil Co. of Calif.

to the Bakersfield office, as Assistant to the Production Superintendent of the Valley Division.

**Willard D. Pye, M.S.**, is Chairman of the Department of Geology and Geography at North Dakota Agricultural College in Fargo. Willard says his main activity is "teaching geology on the flat plains to students who have never seen a mountain and scarcely a real rock." His second child, Brian Hurst, arrived in March.

**Carl E. Larson** finished a big job last month. He was construction superintendent of the new \$11,000,000 headquarters building of General Petroleum Corp., in Los Angeles—reputedly the biggest office building in southern California.

**Carl B. Johnson** and **John K. Minasian**, '38, M.S. '44, are in business together as Consulting Structural Engineers, in Los Angeles. Carl has two daughters now—Ann, 8, and Christine, 3.

#### 1938

**Samuel E. Watson, Jr.**, reports that he started out in oil in Venezuela, tried it for two years, and then switched to mining. He worked for Anaconda in Chile for five years, then in Butte, Montana for six months, and was then sent to Mexico as an exploration geologist to examine metal prospects. His home is in Bakersfield.

#### 1940

**Gilbert R. Van Dyke** is a Petroleum Reservoir Engineer with Signal Oil at Long Beach.

**George R. Brown** is now District Petroleum Engineer for the Texas Co. in Wichita Falls, Texas. He married Floy McWilliams, of Midland, Texas, in March, 1948.

#### 1941

**Frank G. Casserly** is a Major in the U. S. Marine Corps. He's stationed at the U. S. Naval Post-Graduate School in Annapolis, where he is working for his M.S. in Electronics Engineering. Frank has two children—a five-year-old son and a two-year-old daughter.

**Eldred W. Hough, M.S., Ph.D.** '43, married Jane Ruth Elder (Occidental '46) on December 28, 1948.

#### 1942

**Forest M. Clingan** stayed in the Navy after the war as an Ordnance Engineer. He is now Lieutenant, stationed in Washington as a Section Head in the Bureau of Ordnance. Last summer Forest made a 17-day flying inspection trip to Guam and Saipan. This summer he's due for transfer, to parts as yet undisclosed.

**S. Kendall Gold** was married last October to Philis Jane Ludlam of San Francisco. The Golds are living in Rye, N.Y., and he is working for the California Texas Oil Co. on refining projects for Bahrein Island, Persian Gulf.

**Roger Brandt** writes: "I am teaching at Hotchkiss, a prep school here in the East. This year, which is my first, I'm teaching advanced algebra, geometry, and chemistry. Good work, poor pay, and lots of fun.

I hope to go to summer school this summer and take graduate work in psychology, if possible. Plans are not too definite, but I may go to the University of Wisconsin."

**Robert A. Cooley, Ph.D.**, has been Associate Professor of Physical Chemistry at the University of Missouri School of Mines and Metallurgy since September, 1948. "I am told that this locality has the energy of the North, the hospitality of the South, the culture of the East, and the initiative of the West," he writes noncommittally. Bob has recently been elected Commanding Officer of Naval Reserve Research Unit 9-9 at the School.

**Robert Greenwood, M.S.** '43, became the father of a daughter, Dephne, born March 28, in Ticonderoga, N.Y.

#### 1943

**Robert E. Allingham** was graduated from Harvard Business School with an M.B.A. in October, 1947. He then joined the Ford Motor Co. in Dearborn, Michigan, as an Industrial Analyst in a Management Planning Group. Bob, Jr., joined the family last December 31.

**Thomas S. Lee** received his Ph.D. from the University of Minnesota in March.

#### 1944

**Frank C. Smith, Jr.**, writes from Houston: "I have been reading Bruno Pilorz's copies of *Engineering and Science*, but will now look forward to receiving my own. Bruno and I are practically the only C.I.T. men around here, and we see one another often.

"In February I left Humble Oil and Refining to join the Texas Steel and Tubes Co., a small and relatively new firm engaged in supplying pipe, tubing and various related fabricating and engineering facilities to the chemical, refining and construction industries in this area. We operate what I believe is the only draw bench in Texas, and will soon have annealing and hydrostatic testing facilities. . . .

"Visitors from Caltech are always welcome here, but come too seldom."

#### 1945

**Wayne A. Roberts** and his wife announce the birth of a son, Wayne Arthur, Jr., on February 23, at Grand Junction, Colorado.

**Leslie H. Levin** hopes to get his master's degree this June from Harvard Business School. He and Robert Bearson, '47, are roommates there.

**Robert E. Leo**, who dropped out of (our) sight in 1947, has come through with the following eye-opening travelogue:

"Dear Friends About 10,000 Miles Away: Your letters, circulars, magazines, yearbook and everything have been a long time in reaching me (through no fault of yours), but they've finally caught up with me in Arabia.

"I left New York in November, 1947, to handle radio, communications, and truck repair with the Gatti-Hallierafters Expedition. On a 48-day ship voyage we stopped at Capetown, Durban, Tanga, Dar es Salaam, Zanzibar, and finally reached

Mombasa on the east coast of Africa—practically on the equator.

"We were in Africa until August 1948, in Tanganyika, Kenya, and Uganda, in a partial encirclement of Lake Victoria. While there we climbed the highest mountain in Africa, Mt. Kilimanjaro, nearly 20,000 feet high and capped by a glacier of snow and ice year round, though almost on the equator.

"In the Serengetti plain—probably one of the largest game areas in the world—we saw herds of zebra, giraffe, wildebeest, gazelle, ostrich, and lion.

"In Uganda we saw the source of the Nile as it leaves Lake Victoria at the Ripon Falls at Jinja. Near here we saw the hippo and elephant that inhabit the shorelands of Lake Albert and Edward.

"I left Africa from Mombasa on a Norwegian tanker and went to the Persian Gulf, debarking at Bahrein Island and heading for Arabia, to visit my dad who worked there. Soon I too was working there—and still am.

"Just received a lot of old Christmas cards from my friends at Caltech and it made me think of the good old days in Pasadena. We are really not so far away though. Five TWA flights a week arrive here at Dhahran. And a letter from my Dutch girl friend, living in Seattle now, usually takes only four or five days."

#### 1946

**Samuel T. Martner, M.S.**, is doing seismic interpretation in the southeast portion of the Anadarko Basin, southwest of the Arbuckle Mountains in Oklahoma.

**Bertram W. Downs, Jr.**, was awarded an M.S. degree by the University of Minnesota in March.

**Robert F. Sensibaugh**, now in his second year at Harvard's Graduate School of Business Administration, has been selected as a George F. Baker Scholar—highest scholastic honor awarded to students before graduation.

#### 1948

**James S. Allen** and his wife Dotty are parents of a boy, Martin Gregory, born March 17. Jim is with the Commercial Engineering Department of Sylvania Electric Co. at Emporium, Pa.

**Bruce D. Gavril** is a Research Assistant at M.I.T., where he will get his M.S. in Mechanical Engineering this June. He's working on analytical methods of determining temperature distributions in supersonic wings. Bruce plans to return to M.I.T. next fall and further study.

**Arthur Cox**, still single, is at Los Alamos, doing whatever it is people do at Los Alamos nowadays. His future plans include Indiana University and an advanced degree in astronomy.

**Robert J. Sidford Brown** tersely reports the presence in the Physics Department of the University of Minnesota of himself, **Leo Levitt**, '41, **Bert Down**, '46, and **Don Dodder**, '45.