

Personals

1918

Corliss A. Bercaw, District Sales Manager of the Chicago Region of the Electromotive Division of General Motors for a number of years, has just been appointed Pacific Coast Regional Manager of the organization.

1925

Neal Smith is City Manager of Santa Cruz, Calif.—the first man to hold this job, under a new city charter. After having spent 11 years on the Colorado River Aqueduct project, Neal was City Manager of Ontario, California for six years, City Engineer of San Diego for a year and a half, and for the past year has been Assistant City Manager of San Diego. His son, Robert, is a sophomore at Caltech this year, following in his dad's footsteps as an engineer.

1926

Harold W. Lord, who has been a member of the General Electric Research laboratory since his graduation from Caltech, has just been granted his 57th patent. It's a "regenerative driver circuit", valuable in airborne radar. Using a single tube, it cuts the size of the circuit and eliminates much of the complexity of circuits previously used for generating pulses for radar.

1927

James Boyd is in the news again. In case you missed it, here's the story, as reported by Frank Macomber in his syndicated Washington column, **Capitol Scene**, on Sept. 4:

"Just be glad you aren't James Boyd, dapper director of the Interior Department's Bureau of Mines. He has taken to growing vegetables in his yard, to economize on the \$10,000 annual salary he doesn't get.

"Boyd has been on the job without pay since Dec. 19, 1947, because the law denies him his salary. Here's why:

"President Truman nominated Boyd to head the Bureau of Mines more than a year ago, but he's still serving on an

interim basis because the Senate never has confirmed his appointment. Therefore, no pay.

"It's no joke to feed a big family on \$10,000 a year you don't get, Boyd says. He's on leave as dean of the faculty at the Colorado School of Mines. He may go back there if Mr. Truman isn't in the White House next year, or he may accept one of several jobs offered him since he came to Washington. All of them pay more than the \$10,000 he doesn't get from the government.

"But he's going to stick it out—for a while even though he receives less than the stenographers who work for him, Boyd insists.

"I figure I'm the lowest-paid government employee, the mines chief grins when he talks about his predicament."

1932

Dr. Merit P. White, M.S. '32, was recently appointed Professor of Civil Engineering at the University of Massachusetts. He had been serving as engineering consultant to the War Department.

1934

Kenneth Willard, sales manager for Parks Aircraft Sales & Service, Inc. in East St. Louis, Mo., won top prize recently in an "Airmen of Vision" airplane design competition sponsored by Street & Smith Publications.

Willard's design for a four-place personal airplane features easy entrance from the ground, excellent visibility, and a cabin that looks a lot like the interior of a modern automobile. All this is intended to catch the feminine eye, on the grounds that "the women have controlled the design of the automobile, and they like it, so the logical thing to do is give them something they like—though it has to give the performance the old man wants too."

The plane has a 36-foot wing span, 215 hp engine, maximum speed of 150, landing speed of 48 miles an hour, and a range of 700 miles.

Dr. Nephi Albert Christensen, M.S. '34, Ph.D. '38, formerly Dean of Engineering at Colorado State College, Fort Collins, has been appointed Director of the School of Civil Engineering at Cornell University.

Harold Baum Johnson, Ex-'34 was married on Sept. 19 to Eldean Jean Shult. The Johnsons are living in Glendale.

1937

Claude B. Nolté writes: "As of October, 1946, I resigned from the Fluor Corp., where I was head of the Line Sizing and Instrument Department, to become Manager of Sales for the Barton Instrument Co. of Los Angeles. This company manufactures bellows-actuated flow meters.

From January to June of this year I was hospitalized and convalescing as a result of renal tuberculosis. It now appears the cure is complete, although there is a period of being careful ahead.

The middle of this month (Sept.) I am flying to the annual exhibit of the Instrument Society of America in Philadelphia. At this time will be unveiled two products of our company. These represent 15 months of development work in which I've had an active part."

1939

Warren E. Wilson, M.S., recently became president of the South Dakota School of Mines and Technology at Rapid City. Dr. Wilson was previously chairman of the department of fluid mechanics at the Armour Research Foundation in Chicago.

1940

Charles S. Palmer and **Lois Clare Hartman** of Milwaukee, Wis., who were married in September, are continuing their graduate studies at Stanford University.

G. C. Barber and **Mrs. Barber** announce the birth of their third child, **Christine Anne**, on August 20. George is still working in the Power Plant at the S. M. Engineering Dept. of Douglas Aircraft.

Justus A. Olsson, M.S. '40, is now Senior Civil Engineer, Corps of Engineers, San Francisco.

Victor Wouk, M.S. '40, Ph.D. '42, and **Mrs. Wouk** announce the birth of a son, **Jordan Samuel**, on October 2.

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1941

Ebenezer Vey, who received a degree of Doctor of Engineering last June from Johns Hopkins University, has been appointed Assistant Professor of Mechanics at the Illinois Institute of Technology in Chicago. For the record—he was married in February, 1947 to Georgiana Stacy of Pasadena.

William H. Corcoran, M.S. '42, Ph.D. '48, has joined the Cutter Laboratories in Berkeley, Calif., as director of technical development.

1942

David R. Howton, Ph.D. '46, is now with the atomic energy project at the University of California in Los Angeles.

Henry W. Menard, Jr., M.S. '47, and Mrs. Menard became the parents of a son last April. Named Andrew Ogden, he is their first child—contrary to a wild report appearing in these columns in 1944 to the effect that the Menards had had twins.

Richard Horton Cox and Mrs. Cox announce the arrival of Lydia Mary Cox on August 11. Lydia has two sisters—Midi, four, and Janet, two. Dick is now civil engineer for the McBryde Sugar Co. in Eleele, Kauai, Hawaii.

Roger Brandt is teaching mathematics and science at the Hotchkiss School in Lakeville, Conn.

Charles W. Seekins, Ph.D., has been advanced from the rank of Assistant Professor to that of Associate Professor at the U. S. Naval Academy in Annapolis, Md.

Eugene W. Peterson, M.S., and Mrs. Peterson announce the arrival of Rolf Henry, their first child, on May 10, 1948.

1943

Alvin R. Eaton, Jr., now with the applied physics laboratory of Johns Hopkins University in Silver Springs, Md. attended the Seventh International Congress of Applied Mechanics in London this September.

1944

J. Robert Nicholas was ordained to the ministry at the Church of St. John the Evangelist in San Francisco on May 15. On August 12, he was married to Miss Barbara Baer of Boise, Idaho. The Reverend and Mrs. Nicholas now live in Kenilworth, Utah.

R. W. Block has joined the Interstate Engineering Corp. at El Segundo, now lives in Los Angeles.

1946

C. Richard McEwen is taking graduate work in chemistry at Stanford University. Since leaving the Navy in 1946, he has been instructor in mathematics at the University of Montana while earning his degree in chemistry.

1947

Calhoun Winfred Sumrall, M.S., and Miss Jean Eleanor McMurdie of Pasadena, were married on Sept. 10. They will live in Inglewood.

David L. Douglas, one of the 17 California applicants awarded research fellowships by the Atomic Energy Commission, received a fellowship in physical chemistry at Caltech.

Adrian Pauw has won a \$1,000 interest-free ten-year loan to continue his graduate studies in engineering at Caltech—under the terms of a bequest in the will of the late Jacob Gimbel. He was selected by the Institute for outstanding scholarship and citizenship records.

1948

John Thurlow, Ph.D., has been employed by the DuPont Co. in Wilmington, Delaware.

Mayette E. Denson, M.S., has gone to work in the exploration department of the Stanolind Oil and Gas Co., in Casper, Wyoming.

IN THIS ISSUE--cont.



Chester F. Carlson, the inventor of Xerography, describes this exciting new development in the graphic arts on page 11. A graduate of Caltech, Carlson received his B.S. in physics

in 1930, went to work for the Bell Laboratories in New York City as a research engineer, later being transferred to the patent department. Now a practising patent attorney, he lives in Canandaigua, New York. He's been interested in the graphic arts since his high school days, when he planned to print a magazine for amateur chemists, but was thoroughly discouraged by the cost and technical difficulties of present reproduction methods. Later on, determined to find an inexpensive way to print some of his own manuscripts, he began a study of photo-conductive materials. His experiments led to patents covering the basic Xerography process.




Robert P. Sharp, author of "Project Snow Cornice", on page 6, claims his interest in glaciers and glaciation was born at the tender age of eight, when he trudged over the moraines of the Mono Basin

with his grandfather, in search of trout streams and lakes. Subsequent wandering in the glaciated terrains of the Sierra Nevada served to heighten this interest, and Bob went on to investigate glaciation in New England, Illinois, Minnesota, Arizona, and Wyoming. His studies of living glaciers started in 1941 in the Yukon Territory, and war-time activities in Alaska and the Aleutians brought a further acquaintance with the great ice masses of that region. A Caltech graduate ('34), Bob returned to the campus in 1947 as Professor of Geomorphology.

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