

PERSONALS

1922

Howard G. Vesper, of the California Research Corporation, has been elected to the board of the Industrial Research Institute, Inc., in New York.

1924

Bill Holladay has resigned from the Heatt Engineering Company and is with the Commercial Refrigeration Company in Los Angeles, where he is continuing his engineering of ultra-low-temperature altitude chambers and test cabinets.

1926

Bob Moodie and his wife announced the arrival in May of their first grandchild—a son, James G. Moodie. Their oldest daughter, Dorothea, received her B.A. this summer.

1927

Ralph M. Watson, M.S. '28, has been appointed director of research for the Worthington Corporation in Harrison, N. J. He joined the organization in 1936 as an engineer in the Centrifugal Pump Division. In 1942 he became chief engineer of that division, and three years later, assistant to the vice president in charge of engineering. He began his new job on July 1.

Vernon P. Jaeger had the honorary degree of Doctor of Divinity conferred on him by the Northern Baptist Theological Seminary in May, 1952. He is now an Army Chaplain in the Korean Communications Zone Headquarters.

1930

Homer B. Wellman, Ph.D. '30, resigned after 17 years with the California Research Corporation in Richmond, and in September, 1950, began a round-the-world tour by PAA. In Melbourne and Victoria, Australia, he spent two months sightseeing and visiting relatives. From there he went to Cape Town, South Africa, where he visited his brother and family for five months. In August, 1951, Homer married Doreen Margaret Box, who flew here from Melbourne. He is now a research chemist in the Central Research Department of the Food, Machinery, and Chemical Corporation in San Jose.

1931

Lucas A. Alden, Ph.D. '35, has been promoted to vice-president of W. R. Grace and Company. He has been with the firm since 1944, and was named assistant treasurer in 1947, and assistant vice president in 1949. Although his headquarters are in the home office in New York, Lucas spends about one-third to one-half his time on trips to South America—mainly Peru and Chile. Arriving there during their summertime, he not only avoids the New York winters, but also finds it beneficial to his golf game. The Aldens have a seven-year-old daughter who gives promise of becoming a good engineer—if by any

chance CIT should become co-educational in another 10 or 15 years.

1932

Chet Keachie is teaching industrial engineering at the University of California at Berkeley, where he is an Associate Professor. The Keachies have three children, two boys and a girl.

R. E. Foss is the California Manager of the Sunray Oil Corporation in Los Angeles. The Fosses have two children and live in La Crescenta.

James E. Lipp, M.S. '34, Ph.D. '35, has been with Project Rand and the Rand Corporation at Santa Monica for the last five years. He's now head of the Missiles Division there. Jim and his wife have an eight-year-old son and live in Santa Monica Canyon.

Ray T. Oelschlager left the Douglas Aircraft Company and started with the Rand Corporation in Santa Monica last September. He'd been an engineer at Douglas for eleven and a half years. Ray lives in Bel-Air and has two boys, 12 and 17.

William H. Saylor is Associate Director of the Naval Ordnance Test Station in Pasadena. Last spring he spent three months at Harvard in an advanced management program.

Robert B. Freeman, M.S. '33, Ph.D. '36, has been made Assistant to the Vice President in Charge of Operations of the Columbia-Geneva Steel Division of United States Steel. He started as a metallurgist at the Torrance, Calif., Works of Columbia, and was transferred to the San Francisco headquarters office in 1938. In 1941 he was named Metallurgist at the Pittsburg, Calif., Works, and three years later became Works Metallurgist. He was appointed Chief Metallurgical Engineer in November, 1948.

Boh lives with his wife and two children at Millbrae, Calif.

Joseph Sheffet, M.S. '33, has a private practice as a structural engineer in Hollywood, and lives in Pasadena. He and his wife have two children—Mary Jane, 61½, and Laura Anne, 21½.

Grant D. Venerable is general manager of the George R. Healey Manufacturing Company of Los Angeles, which makes dining room table pads and chalkboard erasers. He has three children—Grant Delbert, Lynda Blaine, and Lloyd Dennis—ages 9, 8, and 7, respectively.

1934

James D. Davis has been appointed manager of the new Catalytic Cracking Department of Shell Oil Company's Norco Refinery. He joined the Engineering Department of the Martinez Refinery in 1934, and has been with Shell Oil since that time. He became manager of the Catalytic Cracking Department of the Wilmington Refinery in 1949.

Donald L. Cleveland is manager of the Effluent Control and Utilities Department of Shell Oil's Wilmington Refinery. Don began his career at Shell in 1934 as a junior chemist at the Martinez Refinery. In 1949 he was appointed assistant manager of the department he now heads.

Thomas P. Thayer, Ph.D., of the U. S. Geological Survey, has been made Commander of the Star of Africa in recognition of his work on the geology of the Bomi Hills iron deposits in Liberia. The order was conferred by Liberia's President Tubman in Monrovia, the nation's capitol. Tom returned to the U. S. in mid-June.

Fred Kurata has been promoted to professor of chemical engineering at the University of Kansas.

1936

Thomas J. Deahl, M.S., has been appointed a supervisor in research in the Shell Development Company's Catalysis and Surface Chemistry Department, Emeryville, Calif. Tom has been with the company for 15 years.

William E. Bingham was awarded his Ph.D. degree at the June Commencement of U.S.C.

1938

Duane W. Farnham, M.S., has been transferred from the Stanolind Oil and Gas Company's general office in Tulsa, Oklahoma, to the division office in Fort Worth, Texas, where he has been named division gas superintendent.

1939

David H. Scott has been promoted to head of the gravity department of the geophysical division of the Texas Company, and has transferred from Los Angeles to Houston.

J. Norton Wilson, Ph.D., previously in charge of the Physics Department, was recently appointed head of the Catalysis and Surface Chemistry Department at the Shell Development Company in Emeryville, California.

1940

Gerald P. Foster begins his fifth year with the Federal Civil Service this fall. He recently took over a new job as head of the engineering section, Product Engineering Branch, of the U. S. Naval Ordnance Test Station in Pasadena.

David M. Bonner, Ph.D., was awarded the Eli Lilly Award at the Milwaukee session of the American Chemical Society's spring meeting, for his work on the biosynthesis of amino acids.

Alan T. Waterman, Jr., received his Ph.D. from Harvard in June.

Jack Tielrooy is Supervisor of Chemical Process with the Union Oil Company of California at their new research center at Brea. He writes that he's still active at his hobby of amateur radio. The Tielrooys

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PERSONALS . . . CONTINUED

live in Fullerton and have two children, Gary, 10, and Diane, 11.

1941

Philip D. Brooks is now supervisor of the Structures Technical Staff at Northrop Aircraft in Hawthorne, Calif. Phil is the father of three children: Michael, 6, Daniel, 2, and Sally, 9 months.

C. C. Chang, M.S., Ph.D. '50, was awarded a Guggenheim Memorial Fellowship in applied mathematics to investigate "the application of mathematics to aeronautical problems in Europe." He has been serving as consultant to the Air Research and Development Command Office of Scientific Research, and has also been teaching graduate students at Johns Hopkins and directing their research projects. He left for Europe in September, to study in British universities and lecture throughout England and other European countries.

Robert G. Bowlus received his M.S. in education at the June 14th U.S.C. Commencement.

1942

William L. Rogers has been appointed assistant general manager of the Aerojet Engineering Corporation in Azusa, Calif.

Bob Merrick is still employed by Don Baxter Laboratories (manufacturers of intravenous solutions, blood and plasma con-

tainers, equipment, etc.) in Glendale, where he is administrative assistant to the director of research. Bob gave up competitive swimming about two years ago, after winning a professional race. Now he spends summer weekends surfing and winter weekends skiing.

1943

David E. Shonerd, M.S. '48, Engr. '49, is working in the advanced design group at Hughes Aircraft Company. The Shonerds are building a home in Playa Del Rey, Calif.

David Elmer, M.S. '47, Engr. '48, announces the arrival of a daughter, Catherine Margaret, on August 2. The Elmers' son, Douglas, is now three years old. David is working at C. F. Braun and Co. where he is Fabricating Department Welding Engineer and Metallurgist.

Cdr. Willard M. Hanger, M.S., AE, was transferred from Virginia to Philadelphia as Chief Engineer of the Naval Aircraft Factory.

John W. Otvos, Ph.D., was appointed head of Shell Development Company's spectroscopic department. John has been with Shell since 1946.

John R. Spencer has been promoted to the position of supervising reservoir engi-

neer for Continental Oil Company in Ponca City, Oklahoma. John joined the company last year after serving on the faculty of the University of Texas as assistant professor of petroleum engineering.

John Cushing, Ph.D., came to Caltech last February to join Dan Campbell of the Chemistry Division in writing a book. The book is intended for advanced college students in biology who want to know more about immunology, and is expected to be completed this fall.

Peter A. Tileston announced the birth of a son, William Wilder, last March 15, in Manila.

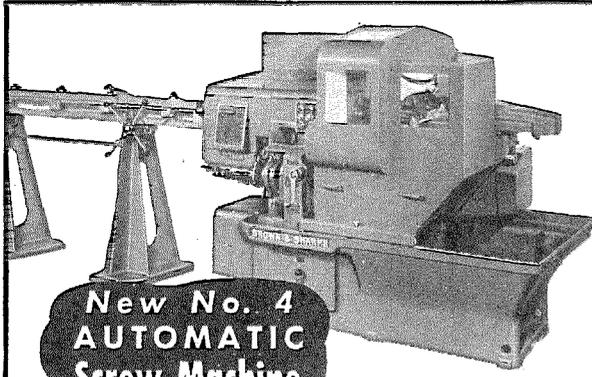
Arthur D. Belmont, M.S., has received a Fulbright grant to study meteorology at the University of Oslo, Norway.

Arnold Nevis, who graduated from Harvard Medical School a year ago, is now completing surgical internship at Stanford Hospital in San Francisco. He will be at M.I.T. this fall on a Polio Foundation Fellowship in neurophysiology.

1944

Keith S. Ditman, M.S., has been recalled into the Navy to serve for two years. A physician in civilian life, Keith is now a lieutenant, stationed at the U. S. Naval Training Center in San Diego. His

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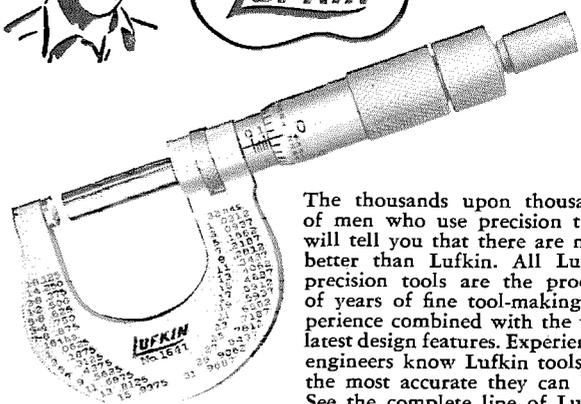
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duties are those of a psychiatrist and he does screening exams.

Richard E. Kuhns reports a new addition to the family—a son, Charles Terry. Dick was recently appointed Commanding Officer of the Organized Reserve CB Company 11-4 of Los Angeles. He's still working for the County Engineer in the Sanitation Division.

H. Brian Proctor reports that the first addition to his family, Robert Warren Proctor, arrived on November 2, 1951. The Proctors recently built a new home in San Marino. Brian operates his own company, manufacturing and wholesaling furniture frames.

1945

Melvin N. Wilson, Jr., M.S. '46, was transferred from the Los Angeles office of the Southern Pacific Company to the main office in San Francisco last May—and assumed the new title of Container Engineer with the Freight Protection and Station Service Department.

Donald L. Francis, M.S. '48, Engr. '49, is data analysis group leader in the Wind Tunnel section of the Jet Propulsion Lab. He says he's been doing some flying in sail planes lately.

Wayne A. Roberts, M.S. '48, has been

working with the U. S. Geological Survey in the Pacific Northwest. When last heard from he was on the Blackbird cobalt project in Idaho. Last summer he worked in this district and in the Quartzburg district of Grant County, Oregon. He reports that he and his wife yearn for Pasadena, and that they have an "entourage" that has grown to tremendous proportions (no figures cited).

Stanley D. Clark received his LLB from Loyola Law School last June, and plans to take the bar examination this month. The Clarks now have another son, Kevin Scott, born in the summer of '51.

Merritt A. Williamson, M.S., is director of research for the Burroughs Adding Machine Company, in Philadelphia. In a letter received in June, he mentioned seeing *Commander Jack L. Shoehair*, M.S. '50, and *Thomas A. Dickey*, M.S. '45, both of whom are connected with the Philadelphia Navy Yard.

1946

E. Rechin, Ph.D. '50, has been working at JPL since 1949. He was married in June, 1951, to Deedee Denebrink.

Howard Greenfield is sales and service West Coast representative for the Electronic Mechanical Products Company of

Atlantic City. He is also an associate of King Television Company.

Jerry F. Daniels, Jr., M.S., received his Master of Business Administration degree from Harvard in June.

John O. Nigra, M.S., has resigned his position as research geologist with the New York Office of the Arabian American Oil Company. He is now living in Los Angeles, and available for consulting work.

Lt. j.g. Robert C. Siegel left for Tokyo in August to serve with the Fleet Weather Central. He expects to be stationed there for a year or more.

Edward E. Carr and *Robert E. Tucker* are reported as being with the Fleet Weather Central, in Manila. Also with FWC: *Howard R. Woods*, in Los Alamitos, Calif., and *Dale E. Bement*, in San Diego.

1947

George Shipway is still working at the Navy Electronics Lab, in San Diego, in the Shock and Vibration Section. The Shipways have three children—two girls, 5 and 3, and a boy, 1.

Herman Heidt, LD., received his Master of Business Administration degree from Harvard in June.

1948

Robert G. Stokely has accepted a position as design engineer with the Convair Guided Missile Division in Pomona, after four years with Westinghouse in Pittsburgh and Baltimore. He and his wife, Jane, have a year-old daughter, Pamela.

Richard M. Roehm, after working a year as a physicist, went to Stanford Business School and is now an IBM salesman, handling a territory which includes Glendale, Alhambra, Monrovia, and Azusa. He finds his physics training helpful in applying it to the new IBM computing machines. So far, Dick says, he hasn't found time to get married.

Mitchell L. Cotton received his M.S. in electrical engineering last June from Washington University in St. Louis, Missouri.

Lt. William H. Shippee, in a letter received in June, said he hoped to be leaving France, and—at the same time—the Army, in the late summer. At the time of his writing, Bill had an interesting dual assignment in France. He was Chief Maintenance Officer at the Sampigny Chemical Depot (about 25 miles south of Verdun), where he had constantly new and varied mechanical problems to face. Also, once a month he was called on to represent the Chief Chemical Officer of EUCOM as the Chemical Team Chief on annual Post Technical Inspections. These included visiting such places as Garmisch in April, Nurnberg in May, and Munich in June.

Frederick B. Burt graduated from Johns Hopkins Medical School in June, and is now interning there in surgery.

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PERSONALS . . . CONTINUED

William A. Barker II, M.S., received his Ph.D. in physics and mathematics in June from St. Louis University.

1949

Lt. George W. Woodward entered the Air Force Medical Service Corps in July, 1951, and is now stationed at Randolph Air Force Base, Texas. During the summer he attended school at Gunter Air Force Base in Alabama.

Robert D. Forester, M.S. '50, is employed as a geophysicist with the Standard Oil Company of California at Bakersfield.

Walter J. Hirschberg, M.S. '50, married the former Sylvia Tanenbaum two days after receiving his Master's Degree. Nine months later they moved into their new home high up in La Crescenta. After a year with Consolidated Engineering Corporation in Pasadena, Walt was appointed plant manager of the newly opened West Coast plant of Essex Electronics. On July 8th the Hirschbergs became parents of a baby girl, Marianne.

Frederic T. Selleck was married in July to Phyllis M. McDowell of Pasadena. Phyllis is a graduate of Scripps College and the Los Angeles Art Institute.

Laurence H. Nobles, M.S. '49, received his Ph.D. from Harvard University at the

June 19th Commencement. *Carl A. Price* was awarded his Ph.D. at the same time. And *Harold Jay Linderman* received his Master of Business Administration.

Joseph W. Schmit, M.S., reports the birth of a daughter, Diane Marie, on May 21, 1952.

David S. Hogness, Ph.D. '52, left Pasadena in September for Paris, where he will spend a year at the Institut Pasteur on a Lilly Postdoctoral Fellowship in the Natural Sciences, administered by the National Research Council.

Vernon L. Smith, who received his M.A. from the University of Kansas in 1951, has been appointed a Harvard Foundation Fellow for 1952-53 for advanced study in economics.

Robert R. Pilling was awarded an M.S. in education from the University of Southern California last June 14.

1950

Craig Marks is still at Caltech—doing research for a Ph.D. in mechanical engineering on combustion studies, on an Ethyl Corporation Fellowship. Last spring he helped Peter Kyropoulos organize observers on the Mobilgas Economy Run.

Roger A. Picciotto was awarded an M.A. by Harvard University last June.

Max Krauss, Ph.D., has taken a research post with the Biophysics Branch of the Medical Laboratories, Army Chemical Center, Edgewood, Maryland. For the past two years, Max has been teaching and doing research at Johns Hopkins' Department of Biology.

Donald O. Asquith received his M.S. from Kansas University last June.

Julian Brody has had a teaching fellowship at the University of Virginia for the past two years. He has been admitted to Princeton for the academic year 1952-53.

James B. Hendrickson, now in his third year at Harvard Graduate School, was recently awarded a \$300 Bowdoin essay prize in the Natural Sciences. Jim's paper, entitled "Men, Motives, and Molecules," was one of six prize-winning essays to be selected from Harvard graduate and undergraduate student entries.

1951

E. B. Crichton has been working on a survey crew with the U. S. Forest Service, deep in the tall timber of Idaho.

Edwin E. Pyatt worked last summer for the State Health Department as a junior sanitary engineer, and returned in September to the University of California at Berkeley to complete work for an M.S. in sanitary engineering.

Robert J. Kurland has received a teaching assistantship in physical chemistry for the coming academic year at Harvard University.

Herbert Hull, Ph.D., and his wife, Mary, left Caltech in June to establish residence in Tucson, Arizona, where Herb has been appointed plant physiologist for the USDA Experiment Station there. He will work on the control of mesquite and other harmful plants which have been invading the cattle-grazing land.

John J. W. Rogers recently was awarded his M.S. degree from the University of Minnesota.

Paul E. Skoglund is assistant superintendent of installation and repair at Wintroath Pumps, Inc. in Alhambra, Calif. He's also president of the Pasadena Aquarium Society.

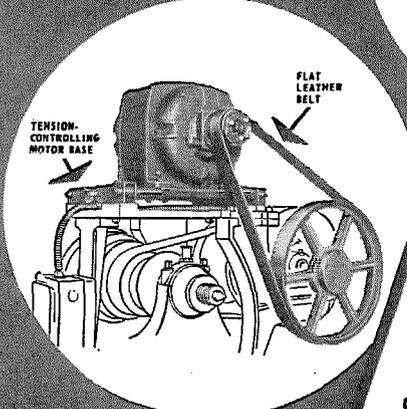
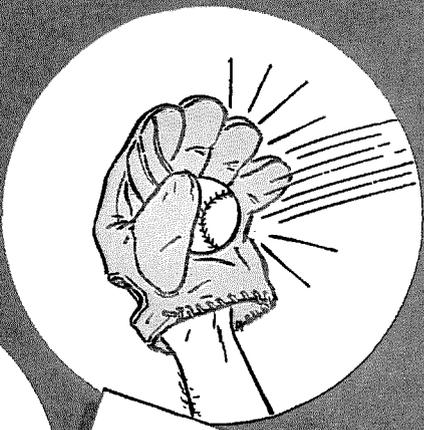
1952

Philip M. Orville has received a Fulbright scholarship to enable him to study geography and geology at the Danish Graduate School for Foreign Students at the University of Copenhagen.

George Ellman, Ph.D., is now engaged in biochemical research at Dow Chemical Company in Midland, Michigan.

Fred Wolgram, Ph.D., married Marilyn Kennett, received his Ph.D., and started work in a new job at Johns Hopkins University—all in the month of June. At Johns Hopkins he is studying the pathology and physiology of polio, with the aid of an NFIP Fellowship.

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