

# PERSONALS

1918

*H. Darwin Kirschman*, MS '19, on a four-month vacation down the east coast of South America, located Tech alumnus *Bradley H. Young*, '35, in Sao Jose Dos Campos, Brazil, where he is Dean of the School of Airways at the Centro Tecnico de Aeronautica. After lunch together, Brad took him on a tour of the school, and mentioned that, among other things, he is giving 15 hours of lectures each week in Portugese.

*William R. Hainsworth*, MS, has been appointed Vice President in charge of Research for the Fluor Corporation of Los Angeles. Another Tech grad, *C. L. Blohm*, '30 is Manager of Research.

1922

*Bryant Essick*, President of the Essick Manufacturing Company in Los Angeles, has been serving as Chairman of the Board of the Los Angeles Branch of the Federal Reserve Bank of San Francisco, having been elected to the Board last year. He was also recently made Chairman of the Board of the T. L. Smith Company of Milwaukee.

1923

*Walton E. Gilbert* has a spot of advice

for anyone fed up with the daily grind: "For a refreshing slant on life, I suggest a golf playing tour of Western Europe. Without being vice-president of anything I have, in the last 20 months, enjoyed the odd game of golf in Holland, Denmark, Germany, France, British North Borneo, Indonesia, the Argentine, Trinidad, Venezuela, Colombia, and the good old U.S.A. Anyone wishing to experience such a continual round of pleasure need only join Shell as Senior Production Engineer in Overseas Operations—and see the world." The line forms to the right.

1929

*L. Reed Brantley*, PhD '30, was elected vice president of Alpha Chi Sigma, National Professional Chemical Fraternity, at their convention last June.

1930

*Karl Effman* died suddenly on August 23, 1954. The following details were obtained from a management newsletter of the Perfect Circle Corporation, Hagers-town, Indiana: "It is with deep regret that we report the death of Karl Effman, Manager of the Engineering Division. Karl, along with his wife and three children, was returning from a vacation and stopped

for the night in a motel at Colorado Springs, Colorado. As the maid was making her rounds the next morning, she received no response to her repeated knocks on their door. Shortly after noon, she let herself in with a passkey and found the whole family unconscious. Apparently a gas refrigerator was the cause. Although a resuscitator was obtained promptly, Karl did not respond. His wife, daughter, and older son are out of danger, but a 6-year-old son was in critical condition." Karl joined the Perfect Circle Corporation in 1933, and was 45 years old.

*Ralph Atkinson*, PhD '30, owner of the Atkinson Laboratory in Los Angeles, has recently started a new plant in Beverly Hills to manufacture magnetic recording materials. Their "Hollywood Record-Tape" should be on the market shortly.

1932

*Maurice Biot*, PhD, private consultant in physics and applied mathematics, New York City, visited the Caltech campus early in October, when you could barely distinguish Kerckhoff from Dabney because of the smog. Originally, Maurice had intended staying here some time, but he soon changed his plans and hurried back

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to New York. On the smog problem, he commented wryly: "It's been solved. Only the politics remains."

1933

*Col. Clarence R. Laubenfels*, MS, got back into uniform for a three-year tour of duty in 1951, and was stationed at Wright Field, where he was Assistant for Flight Safety Engineering for the Wright Development Center. After his retirement from the Air Force last April he returned to Los Angeles City College, where he is teaching engineering.

*Russell N. Doescher*, PhD '40, died on July 17, 1954. The alumni office has no further information as to the cause of his death. Russell worked for North American Aviation in Chatsworth, California.

1934

*John Cortelyou* is still Building Maintenance Engineer for the Southern California Gas Company in Los Angeles. John has two children; his son Bob will enter college next year.

1935

*Adrain H. Gordon*, MS '36, Chief of the Training School of the British Weather Service, has just returned from a two-year period of secondment (the official term

for loan of personnel to other departments) with the Secretariat of the World Meteorological Organization. This is a specialized agency of the United Nations with headquarters in Geneva, Switzerland. During this tour of duty Adrian attended international conferences in Washington, D. C., but couldn't manage a trip to California, much as he longed for one.

*Howard P. Gluckman* received an MS in electrical engineering last June from USC, is now working in specification research and with a special study group at the Los Angeles Department of Water and Power. Howard realizes now just how long it has been since he graduated from Caltech—because his daughter is dating Tech freshmen! Howard also has a son.

*John B. Higley* has a new job and a new son. The new job: with the Raytheon Manufacturing Company of Boston, Massachusetts, in Radar and Communications Engineering—the new son: Robert Hawley Higley, born last December.

*Jackson Edwards*, who operates his own business in Hollywood, has moved to larger quarters at 7708 Woodrow Wilson Drive, and added a field engineer to his staff. The firm, Jackson Edwards & Co., repre-

sents a group of eastern manufacturers of technical electronic equipment.

1936

*Edwin M. Getzman* of Temple, New Hampshire, died suddenly on July 4, 1954, after a prolonged illness.

*Eugene M. Rector* is now a member of the technical staff of the Advanced Electronics Laboratory, Hughes Research and Development, at Culver City, California. Another Tech man *Lawrence W. Baldwin*, '35, MS '37, is also at Hughes now, working in the Radar Division. Both men were formerly with the International Telemeter Corporation.

1937

*Robert M. Mahoney* has become assistant to the manager of the Industrial Relations Department at the Union Carbide and Carbon Corporation in New York. Bob started with the United States Vanadium Company right after graduation.

*David Pressman*, PhD '40, has joined the staff of the Rosewell Park Memorial Institute in Buffalo, New York, as Director of Research in biochemistry.

*Christopher Dykes*, MS '38, is working as an Advising Aeronautical Engineer, retained by manufacturers in the United States, Canada, and the United Kingdom. Chris makes his home in London, but in the course of his work is a frequent traveller to the U.S.A., including the West Coast, and on his occasional stops in Pasadena stays at the Athenaeum. In addition to consulting, he is Director of Giannini Ltd., (a subsidiary of G. M. Giannini & Co., Pasadena) and as Technical Manager of Mercast Ltd. of Great Britain. Chris was married in 1945, and the Dykes' have two children—a daughter age 5, and a son born last June.

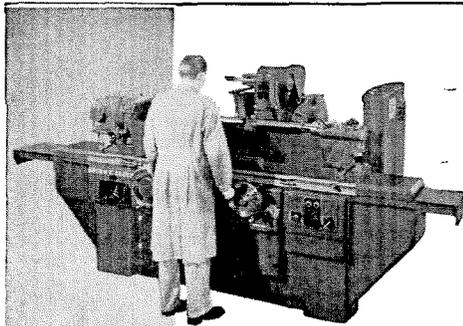
*Martin H. Webster*, an attorney with his office in Los Angeles, participated in a Tax Institute at the John Marshall Law School in Chicago this summer. While on his trip East, Martin also gave a report on the 1954 revenue code to the Taxation Section at the annual American Bar Convention. As you may have gathered, Martin specializes in tax practice.

1938

*Lt. Col. Roy S. Kelley* is now in Japan with the Army's Far East Engineering Section. After graduation from Caltech Roy went on to West Point, graduating in 1941. Before being sent to Japan he was stationed in Korea with the 44th Engineering Construction Group.

1939

*José Pulido Ortiz*, MS, was recently appointed Technical Director of Atlas S. A., contracting company with main offices in Mexico City. The firm is engaged in special projects in water supply and sewerage, maritime works, paving, etc. José has two



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boys, Raphael and Joe Louis, who are both attending the Randolph Macon Academy in Front Royal, Virginia.

*Carrol M. Beeson*, PhD, has been appointed head of the Petroleum Engineering Department at the University of Southern California, where he is also Professor of Petroleum Engineering.

*Warren E. Wilson*, MS, is directing a new engineering program at Penn State. He has been named Westinghouse Professor of Engineering Education, a position sponsored by the Westinghouse Foundation, and will study information available on engineering education and develop means by which improvements can be made. Previously (from 1948 to 1953) Warren was President of the South Dakota School of Mines and Technology.

1940

*W. Bertram Scarborough*, MS '41, has been so busy working for Standard Oil of California that he hasn't had time to inform the Alumni Association of his whereabouts—so he ended up on their "missing" list. Bert's wife, Bea, now writes that he has just finished working on a new catalyst cracker for El Segundo, and is currently on another construction job in Salt Lake

City. The Scarboroughs have sold their home in California, and are now living in Utah with their three children, David, 8, Nancy, 5, and Marjorie, 1.

*Raymond C. Baird*, MS, is now engaged in private consulting in the engineering field in Los Angeles. He's working mainly with noise, vibration, fluid flow and electronics.

1941

*Ernest G. Chilton*, MS, Development Supervisor in the Mechanical and Electrical Engineering Department at Shell Development in Emeryville, California, has been appointed 1954-55 Chairman of the professional Division's Committee in the San Francisco section of the American Society of Mechanical Engineers.

*Joseph W. Trindle*, MS '49, is now in Algiers doing faith work with the North African Mission.

1942

*Gordon K. Woods* and wife Greta announce the birth of their third son, Eric, on September 4th. Gordon is Works Manager of the Kaiser Electronics Division of Willys Motors in Arlington, Virginia. His responsibilities also cover the company's Nashua, New Hampshire plant.

*Robert E. Anderson* reports that he is still "geologizing" for the Signal Oil and Gas Company in (and out of) Los Angeles.

1943

*Theodore Buettell* reports the arrival of Heidi Ann last April. She's a 27-pound dynamo now, holding her own with the Buettells' two other children—Mike, 8, and Christina, 5. Ted received his MBA business administration degree from UCLA last June and is now working in Douglas at Santa Monica as a coordinator in the Estimating Department.

*Peter Dehlinger*, MS, resigned his position at Continental Oil Company to accept an Associate Professorship of Geophysics in the Texas A & M Geology Department. Peter had thought a long time about making the switch to teaching, and so far he's finding it just as much fun as he hoped it would be.

*Edward P. Fleischer* and his wife Sally proudly announce the adoption of Cynthia Gayle, born on August 17th.

1944

*Richard J. Soike*, MS '48, has been named section head for the refrigeration section, Engineering Division, at Procter and Gamble in Cincinnati. Dick started with Procter and Gamble in 1948 as a mechanical engineer. He and his wife Margaret have two children, Mark, 3 and David, 2.

1945

*Lee Auslender* has formed his own company, Auslender Productions, in Beverly Hills. The firm packages and produces television programs and commercials, both "live" and on film. He has also been teaching a course for the UCLA Extension Division on Television Advertising. Before starting in business on his own, Lee was a film director and program manager for KDYL-TV, Salt Lake City, and KSBW-TV, Salinas, Calif.

*Clifford O. Harvey, Jr.*, is Staff Assistant to the Chief Industrial Engineer at North American Aviation in Los Angeles. (Cliff claims this is just a fancy title for staff work.)

*Raymond Fredette*, MS, Aeronautical Engineer with the Cook Research Laboratories in Skokie, Illinois, has been awarded a meritorious civilian service award for his "scientific accomplishments in ballistics and aerodynamics for the Research Division of the Bureau of Ordnance," according to an announcement by the Bureau of Naval Ordnance. Ray is currently assigned to programs on guided missiles, rockets, and special aerodynamics studies for Cook.

*Henry Roese*, Sales Engineer for the Southern Pipe & Casing Company in Glendora was stricken with polio on August 2nd. It was diagnosed as a light case, and Henry probably won't have any after-



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effects, but he'll be taking treatments for about a year. Henry's daughter contracted polio at the same time he did, but she has completely recovered by now.

*Burton L. Henke*, MS, PhD '53, is developing a soft X-ray camera at Pomona College, which may bring a greater understanding of viruses, protein molecules, and other particles in the 50- to 500-A range. This technique offers several advantages, most important of which is that it permits the use of wet samples, which is of particular interest to biochemists. To date, little work has been done in the soft X-ray range, which lies between ultra-violet light and conventional X-rays. In contrast to conventional X-rays, they are strongly absorbed or scattered by matter. Because of this property, this heretofore unused radiation may form the basis for a new and valuable research technique for the biologist, chemist, and physicist.

1946

*José D. Cortes*, MS, has a new home in Mexico City for his family: wife Gilda, a daughter aged 4, and (in his own words) three "devils" stair-stepped at the ages of 3, 2, and 1. José is a contractor for the Mexican Government's Building and Irrigation Project at the San Pedro River in the state of Nayarit.

1947

*Milton D. Van Dyke*, MS, PhD '49, is in England taking advanced studies in fluid mechanics and basic aerodynamic theory on a Fulbright Award and a Guggenheim Grant. He has been granted a year's leave of absence from the Ames Aeronautical Laboratory at Moffett Field, California, where he is a staff scientist for the National Advisory Committee for Aeronautics, an independent agency of the U. S. Government.

*Hussein M. A. El-Sum*, MS, is now at the University of Redlands, where he is in the Department of Physics. Before returning to the states, Hussein was at the University of Fouad, Cairo, Egypt.

1948

*Griffith C. Barlow*, M.D., and wife Mary Jane (also a Doctor) have opened an office for the practice of medicine in Glendale—both general practice and pediatrics.

*Donald W. Otto*, who was employed as a special agent by the Great American Insurance Company of Los Angeles, died in September. This information was sent by a classmate, *H. B. Lewis, Jr.*, who wrote: "This is to inform you of the death of Donald Otto. The cause was cancer, first discovered two years ago; apparently cured but appearing again last December. Efforts to halt the development of the disease failed, and death came on September 17th or 18th after a week in the hospital at Berkeley, near his family's home. He was a very fine person and will be sorely missed."

*Rupert M. Bayley*, Transmission Design Engineer Associate for the City of Los Angeles, received his Engineer's degree in Electrical Engineering from USC last June. He got his MS in EE from USC in 1951.

*James E. Whitney*, MS, reports some recent additions: a daughter, Joanne Lynn, born September 25th, 1953, and a PhD in inorganic chemistry from the University of Maryland in 1954. Jim is now employed in the Water Resources Division of the U. S. Geological Survey in Washington, D. C.

*Robert Zacharias*, MS '49, is a member of the technical staff at the Radar Division of Hughes Research and Development, Culver City, California. Previously, Bob worked at Northrop Aircraft.

1949

*David S. Hogness*, PhD '53, left the Laboratories of Dr. Jacques Monod in the Institut Pasteur, Paris, in August, and is now doing research with Dr. Bernard Davis' group in the Pharmacology Department of New York University, at the NYU College of Medicine.

1950

*Kenneth J. Hammond* is now working for the Wianco Engineering Company in Pasadena; he and his wife are expecting their first child next March.

*Melvin Sprecher*, who entered the Army in September, 1953, is now in Korea with the 7th Infantry Division.

*David B. MacKenzie* was married last January to Mary Dunn of Pittsburgh, and, ten days later, left for Libya, where his wife joined him in February. Dave was doing exploratory work for American Overseas Petroleum, Ltd., an affiliate of Caltex. In April he was transferred to Turkey. Nothing permanent, though. In fact, by now they may even have been transferred again—possibly to France this time.

*George H. Cleland*, PhD, is an Assistant Professor of Chemistry at Occidental. Before this appointment, George was a research chemist at the U. S. Naval Ordnance Test Station, China Lake, California.

*Donald T. Oswald*, MS '51, and his wife announced the birth of Lawrence James Oswald on the 14th of August. This is their first child. Don is a Research and Development Engineer for the Concrete Conduit Company in Colton, California.

*Joseph R. Moran*, MS, and his wife Frances welcomed Robert Michael Moran on the 6th of August at Mather Air Force Base, California, where Joe is a Captain. This makes it two sons for the Morans.

1951

*Frank W. Wood* was transferred from General Petroleum to Sovosco, another Socom subsidiary) in February of this year. As Assistant European Purchasing Advisor, Frank makes his home in Paris, but gets to travel all though Europe in the course of his work.

*Peter F. Orchard*, MS, is a Combustion Engineer for the Bristol Aeroplane Company Ltd., Bristol, England. Right now

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Peter and his wife are in the process of building a new house.

*James A. Ibers* is doing research work in Australia this year, operating out of Brunswick, Victoria.

## 1952

*Dale C. Krause*, who had been with the Cerro de Pasco Corporation in La Oroya, Peru, South America as an Assistant Geologist is now in the Army, stationed at Ft. Winfield Scott.

*Richard E. Kennon* was married right after graduation, and the Kennons now have an 18-month-old son. Dick started with Westinghouse in the Sales Engineering Division in 1952, and is still stationed in the Los Angeles office.

*Edward F. Davis*, MS, '53, was awarded a Radio Corporation of America Fellowship for the 1954-55 academic year. The purpose of the Fellowship is to encourage study and research in electronics. Ed will continue his graduate studies at Caltech.

## 1953

*Arthur E. Britt* joined the Hughes Aircraft Field Engineering Department upon graduation, and completed the factory training school, working on a fire control radar built by Hughes for the Air Force. Since then, Art has been a Technical Advisor to the Air Force at Oxnard Air Force Base and the Davis-Monthan Base in Tucson. Right now he is at the Mans-

ton R.A.F. Station in England. While in England Art has had a chance to do a bit of traveling—has seen Germany and France and is looking forward to covering the rest of Europe.

*John C. Behnke, Jr.* will be married to Miss Rachel Morgan in December. She is a graduate of Vassar, formerly worked with Dr. Frits Went here at Caltech, and is now studying for her PhD in botany at UCLA. John is in medical school at UCLA.

*Leon Vickman* is now a member of the technical staff of the Radar Division, Hughes Research and Development, Culver City, California.

*Pierre Marien*, MS, is doing an 18-month stint with the Belgian Army, and is stationed as an officer with the General Services of Military Constructions in Ghent, Belgium. After his stretch with the military, Pierre hopes to work in the U.S. (California or Florida if possible) as a civil engineer, to gain experience in hydraulic design and dam construction.

*Bruce Holloway*, PhD, brings us up to date on his activities since receiving his degree: "After leaving Caltech I visited England, where I was married, then France, Switzerland, and Italy. Returning to Australia, I was appointed Research Fellow in Microbial Genetics at the John Curtin School of Medical Research, Australian

National University, Canberra. Peter Gray Holloway arrived on November 21st, 1953, this being the only non-experimental progeny to date. Apart from that, nothing important has happened, except a continued desire to return someday to Caltech."

## 1954

*Richard M. Mark*, PhD, and Lillian Gee of Pasadena were married last August, and are making their home in Pasadena. Lillian is a graduate of the University of California.

*Richard E. Hyde* is taking graduate work in mechanical engineering at Caltech.

*Samuel Autrey*, *Jerry Van Hoven*, and *Ed Bryan* are working together at the Bell Telephone Laboratories and sharing an apartment in Summit, New Jersey. All their time, money and energy went into decorating of same apartment recently, with the end result that, after the last chair was moved into place, the boys suddenly discovered they had no silverware—and no money to buy any, until pay day. At last report they were eating with beer-can openers—and admitting it was hell eating peas that way.

*Howard Everett Shanks* and Patricia Ann Murphy of Pasadena were married August 5 and are living in Los Angeles while Howard attends UCLA grad school.

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