

PERSONALS

1922

HAROLD R. HARRIS, ex Air Forces general, has recently raised a loan of 12 million dollars to buy planes for American Overseas Airlines, of which he is vice-president and general manager.

1927

CHARLES A. BRADLEY, on vacation from the Corning Glass Works in New York, visited the Institute this summer. Back for the first time since graduation, he expressed surprise at the absence of an orange grove on the east end of the campus near the Athenaeum.

1931

ROBERT V. CAREY has taken a position with the Eng-Skell Company of Los Angeles doing design and sales of food-handling machinery and store equipment.

CHARLES K. LEWIS, M.S. '32 is with the Morrison-Knudsen Co., serving as office engineer in the construction of a 14 mile section of the large Friant-Kern Canal. Previously, he had been with the Glenn Martin Co. plant at Omaha, in an executive capacity.

1933

MERRILL BERKLEY is now operating the Berkley Engineering and Equipment Company, of which he is the sole owner. His firm, which employs two sales engineers, has expanded to two offices, one general and the other for sales, located downtown in Los Angeles and on Riverside Drive.

FRANCIS ROBERT HUNTER has been assistant professor of physiology at the University of Oklahoma since he was discharged from the Army Air Corps as a captain early in 1946. Francis and his wife, the former Margaret A. Kershaw, whom he married in 1937, have two sons, Robert A., eight, and William Bruce, five.

WYATT H. LEWIS participated as one of the clinical speakers at the First Annual Convention of the American Society for Quality Control, held at Hotel Sherman, Chicago, Ill., June 5 and 6. The title of his paper was "Re-establishing Operator Responsibility for Quality."

Mr. Lewis is Quality Control Engineer at the Ontario, Calif., work of the General Electric Company. He has three children, two boys and a girl.

HAROLD E. PEARSON transferred to Stanford in 1932, receiving his A.B. there in 1933 and his M.D. in 1938. From 1937 to 1939 he was instructor in bacteriology; in 1939 he was a fellow at the I.H.D. Rockefeller Foundation, Influenza Laboratory in Berkeley, followed by two years as S. S. Fellow at the Harvard School of Public Health, where he received the M.P.H. degree in 1941. Following this he was assistant professor of epidemiology at the University of Michigan School of Public Health. Harold is now medical microbiologist and assistant professor of bacteriology at U.S.C. Medical School. Married in 1938 to Miss Catherine R. Guerard, he now has four children: David Bruce, seven, Leslie Anne, five, John Stuart, four, and Gregory Anders, one.

1934

ROBERT D. BOCHE, Ph.D. '38, is now assistant professor of zoology at the Institute of Radiobiology and Bio-

physics in Chicago. Prior to accepting this position he was head of the Radiology Division, Manhattan Department, University of Rochester. Bob married Miss Marjorie Stern of Baltimore in 1938. They have three children, Barbara, four, Kenneth, two, and Philip, five months.

WILLIS R. DONAHUE is foreman at the Burrel, Calif. Gasoline Plant of General Petroleum. Prior to this assignment, Willis was with General Petroleum in Taft, California. While at Taft he was engaged in the conservation of natural gas for the Company's use as fuel on its producing properties. Willis was then transferred to Fresno County to be the Company's representative to contractors in installing 30 miles of gas gathering pipe lines to collect wet gas from wells in the Helm and Riverdale oil fields. This gas is processed in the Burrel Gasoline Plant by absorbing and extracting liquified petroleum gases and natural gasoline for sale. The plant is designed to handle 50 million cubic feet per day. Equipment consists of three boilers, providing steam for 300 bhp pumping equipment, 2800 bhp compressors, and 900 bhp auxiliary gas engine-driven equipment plus necessary absorption, distillation, and fractionation columns. The personnel consists of Donahue as foreman and 23 craftsmen, mechanics, operators, metermen, labmen, and others. With the first year's operation behind him, Willis is looking forward to enough free time to get in some golf. He and his wife, the former Miss Betty Foster of Pasadena, have two children, Valerie Laura, seven, and Steven Michael, going-on-three.

1935

MAJOR OLIVER C. DUNBAR is back in the army and is stationed at the Sandia Base in Albuquerque, N. M., as Post Radio Communication Officer.

NELSON P. NIES attended a special one-week course in X-ray Diffraction and Spectrometry conducted by North American Philips Company, Inc. in its New York auditorium. Nies is working for the Pacific Coast Borax Co.

1936

CLARENCE F. GOODHEART of White Oaks, Md., has been appointed associate professor of electrical engineering at Union College, Schenectady, N.Y. Mr. Goodheart comes to Union after five years as section chief at the Naval Ordnance Laboratory at White Oaks, Md., where he was in charge of numerous naval torpedo, and magnetic device projects. He is also a lecturer at the University of Maryland and formerly taught at Ohio State University from 1936 to 1938, and at Texas A & M from 1938 to 1942.

PAUL J. SCHNEIDER received his M.D. at Johns Hopkins in 1941, after which he spent three years in the Baltimore City Hospitals, mostly in surgery. Later, as an Army Medical Corps captain, he served as general surgeon in three European Theater hospitals. Paul is living in Berkeley, but has not as yet established a practice since his discharge in December. Married to the former Neal Respers, he has a daughter, Cynthia Ann, three.

BOB MARSH is employed as manager of the Carbide Tool Division of the Union Twist Drill Company, Athol,

Massachusetts, and is in charge of engineering, sales, and production of carbide tools. He was formerly chief engineer and sales manager of the Cal-Cutter Division, Super Tool Company, Detroit, Michigan, and before that, chief engineer for the Machinery Manufacturing Company, Los Angeles. Bob has purchased a 162 acre farm at Barre, Massachusetts, where he is raising thoroughbred horses as a hobby.

C. C. TAN, Ph.D., is a professor of genetics at the National University of Chekiang, Hangchow, China. He was in the United States from June 1945 to August 1946 on a special Rockefeller Foundation Fellowship. Most of his time was spent at the Zoology Department of Columbia University in work on a problem of the genetic origin of the sexual isolation of *Drosophila*. During the year he traveled a great deal in the States, visiting various genetic laboratories and giving seminar talks. He visited the CalTech campus for a few days in the early part of April 1946, the first time Dr. Tan had been back in ten years. Toward the end of his stay away from home, he traveled to England, France, and Switzerland at an invitation of the British Council. He returned to China in September and has since settled down with his wife, fourteen year old daughter, Magie, and sons Sinyu and Sinhung, aged thirteen and nine, at Hangchow, the original location of the University to which he has been attached since 1937. Dr. Tan has recently finished reorganization of his laboratory, and has started working on some population problems of *Harmonia* and *Drosophila*.

THEODORE VERMEULEN has left Shell Development Company and is now serving as associate professor of chemical engineering at the University of California.

1937

DEAN NICHOLS, M.D., has been delayed two years by illness in work as a fellow in dermatology and syphilology at the Mayo Foundation for the Master's degree. He took out his California license to practice medicine last June, and expects to return here after finishing his fellowship. Dean was married to Miss Martha Adams in 1941.

CARL JOHNSON is in partnership with JOHN K. MINASION '38, maintaining a School of Applied Engineering to assist men who are preparing for state licenses in civil or structural engineering. They did structural work on the new 750 foot KFI radio tower near Buena Park, Calif.

JOHN SELBERG reports the birth of a son last September. Selberg is still with the International Derrick and Equipment Company as an executive in the development of new types of steel equipment. He also had a hand in the KFI tower, for which Tech's PROFESSOR FREDERICK CONVERSE made soil tests.

JOHN G. TYLER, ex '37, is a machine tool planner for Douglas Aircraft Co. in Santa Monica. Before the war he was expedition photographer for U.S.C.'s Hancock Foundation, taking biological pictures. His main interests are in photography, and he is now working on some special equipment for scientific photography, especially the biological-medical field. This will permit close-up motion pictures to be taken just as

easily as a scenic picture with conventional equipment. Jack is also working on three-dimensional motion pictures.

1938

CARROLL F. CHATHAM is the first person in the world to successfully develop a method for producing synthetic emerald crystals commercially. These are now on the market as "Chatham Emeralds."

DANIEL C. PEASE, M.S. '38, went on to Princeton for his Ph.D., which he received in 1940. He is now assistant professor of anatomy at the U.S.C. Medical School. During the war Dan did work for which he received the O.S.R.D. Medal of Merit. He is also running the electron microscope belonging to the Department of Experimental Medicine at U.S.C. Married to Miss Phyllis Frankel in 1939, Dr. Pease has two daughters, Katharine Susan, five, and Elizabeth Karen, three.

EMANUEL WINDSOR is taking graduate work at the Institute. After graduation he worked at the Sansum Clinic at Santa Barbara as biochemical research assistant until 1941. The next two years he was senior scientific aide at the U. S. Engineer Laboratories in Los Angeles. From 1943 to 1944, Windsor was an analytical chemist at the Gooch Laboratories in Los Angeles. In June 1944 he entered the Army Medical Department and worked as laboratory technician, surgical technician, and first sergeant of a medical detachment in the European Theater with General Patton's Third Army. At present he is working in biochemistry under Dr. Borsook.

1939

RICHARD H. BISHOP has resigned from Ames Aero Laboratories, and is now working on the non-linear mechanics research project at Stanford in connection with study for a doctorate in physics.

STEPHEN C. CLARK is now assistant to the director of student personnel at the New Haven Y.M.C.A. Junior College in Connecticut.

J. H. GOODELL has left the General Electric Company, where he had worked since his graduation. His new position is with the Essex Wire Corporation of California, subdivision of Essex Wire of Indiana, manufacturer of magnet wire, as chief engineer.

J. SCOTT GASSAWAY has completed his second successful year as a professional mechanical engineer designing specialized mechanical equipment for manufacturing industries. His clients have included manufacturers of rubber goods, printing equipment, furniture, internal combustion engines and toys. In conjunction with R.C.A. he has recently developed electronic application equipment for drying of glue for the prefabricated housing industry. During the war he was executive assistant to the vice-president of manufacturing for North American Aviation, Inc. Scott's extra-curricular activities include three sons, aged six months to five years.

CURTIS M. LEE, due to severe eye-strain, has given up his engineering work and is now "raising lemons, eggs and kids" on his father's chicken and citrus ranch at Ramona, Calif. He feels that the change has been fruitful, and he has been able to use his educational background from CalTech. At present

he is building his own house with the help of his young son and daughter.

1940

RAYMOND O. CLINTON is now with Sterling-Winthrop Research Institute in New York.

CAPTAIN WILLIAM E. GENTNER JR. reports that he is back at duty with the Chief of Naval Air Advanced Training as director of training at NAS, Jacksonville.

ISYDOR HLYNKA, Ph.D., expects to change soon from his position of agricultural scientist (dairy chemistry), Chemical Division, Science Service, Agricultural Dept., Ottawa, Canada, to research chemist (cereal chemistry), for the Grain Research Laboratory Board of Grain Commissioners, Winnipeg, Manitoba, Canada. Dr. Hlynka was recently elected fellow of the Chemical Institute of Canada. He and his wife have one son, Leslie Denis, five.

LAURENCE C. JONES, special student in 1939 and 1940, is a chemist and analyst with the U. S. Food and Drug Administration in Los Angeles. Veteran of World War I, Larry is at present secretary of the Southern California Section of the American Chemical Society. Having color photography as a hobby, Jones has been instrumental in the formation of photo-chemical division of the Southern California Section of the A.C.S. Present enrolment is about 20. He has collaborated on electro-metric titrations and on a fluorine survey for the Society of Official Agricultural Chemists.

C. B. LYON, graduate student in 1939-40, is assistant general manager, Plantation Division, of the Hawaiian Pineapple Co., Honolulu. He was formerly a physiologist with the U. S. Plant, Soil, and Nutrition Laboratory in Ithaca, New York. He and his wife, the former Jacqueline Fuller of Ames, Iowa, have a two-year-old daughter, Barbara Jean.

A. BOYD MEWBORN went to the University of Arizona as assistant professor of mathematics after receiving his Ph.D. in 1940. In January 1943 he went on active duty in Naval aviation training work as a lieutenant, USNR. He received his wings as a navigator and served as navigation officer and as ground training officer at various stations. Dr. Mewborn returned to inactive duty in October 1946, and reported that month as associate professor of math and mechanics (civilian) at the Naval Postgraduate School, Annapolis, Maryland.

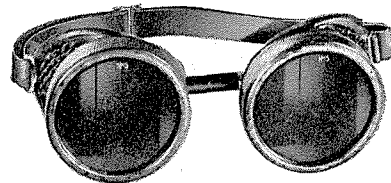
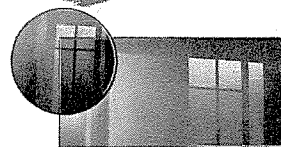
DWIGHT D. MILLER, Ph.D., is instructor in Zoology at the University of Nebraska. Dwight was married to Miss Dorothy Slaughter in the spring of 1946 after his release from the Army Air Corps as a captain. He is teaching elementary biology, zoology, advanced genetics, and doing a small amount of research on *Drosophila* species.

R. S. NEISWANDER is now employed as a staff engineer by Link Aviation. He has applied for a Rhodes Scholarship.

DUMONT S. STAATZ has been practicing as a physician and surgeon with his father and an orthopedic surgeon in Tacoma, Washington, since his discharge from the Army Medical Corps as a captain. Dr. Staatz, married to Miss Martan Baker in 1943, has three children, Frederick Sutherland, three; William Dumont, two; and Gret-

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chen, seven months. He is vice-chairman of the Pierce County Cancer drive, sponsored by the local Junior Chamber of Commerce. Their goal is set at \$25,000.

ELLERY C. STOWELL, JR., received his M.A. in biochemistry from the University of California in 1943. He plans to get his Ph.D. in biochemistry at U.C. this summer and subsequently to take a position in academic life. A former teaching assistant, Ellery was married to Miss Helen Anderson in 1941.

FRANK D. STREIGHTOFF is associated with Eli Lilly and Co. in their Research Department. He served with the Army Sanitation Corps as nutrition officer of the Military District of Washington, and was in charge of the O.S.-R.D. research program on vitamin retention of foods in large scale cooking. Frank set up and ran the Pentagon Nutrition Laboratory. Married in 1942, he and his wife, the former Ann Mitchell, have three children: Ann Fennel, Elizabeth Doan, and Charles Franklyn, age three, two, and one.

YUJI A. TAJIMA is with Julius Human and Co., Rocky Mountain Arsenal, Denver, Colorado, as research chemist. He was formerly director, Physical Laboratories, Velsicol Corporation. Yuji plans to continue his graduate work at the University of Chicago in physics and mathematics.

1941

FRANK G. CASSERLY is entering a three-year course in electronics at the Post-Graduate School, U. S. Naval Academy, Annapolis, Md.

JOHN GORDON PALMER, an ensign during the war, was recently married to Miss Virginia Agnew Baer of San Marino.

1942

DR. ANDREW A. BENSON took part in the research of the first by product of the atomic bomb to be applied peacefully. This work, which was a study of photosynthesis, is described in an article released by the Atomic Energy Commission.

CHARLES M. BROWN is now employed at the Bone Engineering Company in Glendale.

EDWIN A. DOANE, M.D., is now research assistant to Dr. Emil Bogen at Olive View, California. He formerly served as major, Army Medical Corps, in the Veterans' Administration in New York. Dr. Doane plans to take graduate work in Chemistry at the Institute, which will be the third time and the third field in which he has studied here. Originally of the class of '26 in Physics, Ed performed biological research in 1942 at C.I.T.

J. B. FRANZINI is father of Joseph B. Jr., born late in May.

CARTER HUNT announces the birth of a son, Gregory Norman, born in April.

EDWARD B. LEWIS, JR., Ph.D., has served as an instructor in the C.I.T. Division of Biology since his discharge as an Air Corps captain. Dr. Lewis was married in September 1946 to Miss Pamela Harrah.

WAYNE MACROSTIE has recently accepted a position as associate civil engineer with the State Division of water Resources. He is in charge of an investigation of the ground water supply in the Pajaro Valley near Watsonville.

GERSHOM R. MAKEPEACE has worked up during the past five years from chemist to laboratory department manager at the Menasco Manufacturing Co. The research and engineering activities at the Laboratory occupy 28 persons. Studies conducted are principally in connection with materials and processes used in the manufacture of gas turbojet aircraft engines. Gershom specializes in metal finishing research and some optical methods for metal analysis. He, his wife, Bethmarie whom he married in his sophomore year at Tech, and their four-year-old son, David Lee, live in Pasadena and engage in horticulture with especial attention to orchids. Other hobbies are music and yachting.

DR. WILLIAM R. V. MARRIOTT, B.S. in chemistry '40, M.S. in biology '42, is interning at the Los Angeles County General Hospital. Bill graduated from U.S.C. Medical School in 1946 under an Army program. He is still in the Army and will return to active duty this summer as a first lieutenant. When Bill is finally discharged, he plans further work in pathology and biochemistry for the National Board in Pathology.

EDWARD NOVITSKI, who until recently was a Guggenheim Fellow at the University of Rochester, is now associate, Manhattan Department, at the University's Department of Biology.

JOHN SPIZIZEN, Ph.D., is an associate in virus research of the Medical Research Division of Sharp and Dohme, Glenolden, Pennsylvania. During the war, he was a captain in the Army Medical School, Sanitary Corps, Washington, D. C. John was married in 1942 to the former Evelyn Boelter.

ROY C. VAN ORDEN has a new son; Ronald Craig, born in June. Roy is currently employed by the City of Los Angeles as an associate structural engineer.

1943

CHARLES H. ELLIS, Ph.D., is a research associate in the laboratories of Dr. Gordon A. Alles '22, in Pasadena. He has been married to the former Elizabeth Wilson for nine years, and has three children: Charles H., Jr., six; Terrell William, five; and Robert Arthur, eighteen months.

SIDNEY GOTTLIEB, Ph.D., research chemist with the Food and Drug Administration in Washington, D. C., is at present doing research on properties of mydriatic alkaloids from plant sources and on synthetic sex hormones. He has bought a small farm outside the city, and spends his spare time in "five o'clock farming." Besides the farm and his family consisting of his wife, Margaret, and daughters Penny and Rachel, age two and almost one, Sid is interested in studying Hindustani and other Oriental languages.

ROBERT PAUL LE VINE is engaged to Miss Elayne Nossiter of Manhattan. Bob received his master's degree from Columbia. During the war he served as a lieutenant in the AAF.

KLAUS J. MAMPELL is giving courses in Evolution and Heredity and Genetics as an associate with the Zoological Laboratory of the University of Pennsylvania. Married in May 1946 to Miss Tera Haex, Dr. Mampell is continuing research with the mutator gene and virus in *Drosophila*.

LLOYD W. MERRYFIELD, M.S. '43, is at Harvard Medical School.

STEPHEN BERNARD ROBINSON JR. was killed by the accidental discharge of a rifle in his San Marino home.

1944

KEITH S. DITMAN, M.S. '44, is also receiving his M.D. from U.S.C. in June, and will intern at the Los Angeles County Hospital. Keith was married in 1944 to Miss Mary Thomas.

JOHN P. (PAT) MEEHAN, ex '44, is another U.S.C. June graduate.

HORACE M. HIGGINS is employed at Aerojet Engineering Corporation in Azusa as a research engineer, working on a confidential Navy project.

GEOFFREY L. KEIGHLEY, Ph.D., is senior research fellow at the Institute.

ALFRED G. KNUDSON, JR., will graduate in June from Columbia College of Physicians and Surgeons in New York. He will begin his internship at Huntington Memorial Hospital July 1. A member of Alpha Omega Alpha, national honorary medical fraternity, Al is interested in pediatrics and medical research. He plans to be married after graduation.

KEITH MILLER, who attended Tech in 1944, has been appointed as one of 12 instructors for the New Haven Y.M.-C.A. Junior College. Keith will teach mathematics.

WILLIAM F. ROBERTS is employed at Hughes Sales Company as a salesman of dairy and food machinery.

JAMES R. ST. JOHN, ex '44, will graduate from U.S.C. Medical School in June and subsequently intern at the Santa Fe Hospital in Los Angeles. Jim was married last summer to Miss Dorothy L. Rolls of Santa Paula.

WILLIAM J. TUDDENHAM of Salt Lake City, was married to Miss Phyllis Stapley in June. Bill spent a year at Tech as a graduate student before entering the Navy. After their honeymoon, the Tuddenhams will make their home in West Philadelphia, Pa.

1945

ROGER R. BATE, former student from Colorado, graduated from the United States Military Academy in June. Commissioned in the Corps of Engineers, Bate will go to Oxford on a Rhodes Scholarship. He was appointed to the Academy from the AAF.

R. L. SCHRAG is employed in the engineering research division of Douglas Aircraft Company, Inc. He received a M.S. in electrical engineering last June from the Institute.

1946

JAMES F. DRAKE announced the birth of a son, James F. Jr., in June.

JOHN W. GRyder, who took graduate work in chemistry this past year, has joined the Chemistry Department at Brookhaven National Laboratory.

GEORGE DONALD MEIXNER JR. was married in August to Miss Nancy Jane Robinson of Los Angeles. Don is a member of the University of California faculty.

1947

LANGDON CLYDE HEDRICK, who started in the class of '42, was married to Miss Jean Corbitt of Seattle, Washington, June 23. The 1946-47 ASCIT president served as a radar officer with the Ninth Air Force during the war.