

# PERSONALS

1920

*Harold R. Linhoff* took his own life on May 8 in San Marino. Harold was manager of the natural gas operations of Richfield Oil Company and had been recently transferred to the Bakersfield office. He had been associated with Richfield for 29 years. He is survived by his wife, Alta; a son, Ralph Stratton Linhoff of Balboa; a daughter, Mrs. Janet Warren of Corpus Christi, Texas; and his mother, Mrs. Lena Linhoff of Pasadena.

1923

*Donald H. Loughridge*, Ph.D. '27, will become Dean of the Technological Institute at Northwestern University in Evanston, Illinois, on July 1. Don joined the physics staff of the University of Washington in 1931, becoming a full professor in 1942. In 1948 he was chosen senior scientific adviser to the Secretary of the Army and in 1951 was appointed assistant director of the reactor division of the AEC. *Elmer L. Smith* has been appointed

Assistant Chief Engineer of the Water Department of Pasadena. From 1925 to 1947 Elmer was Assistant Engineer, and in 1947 became Principal Engineer of the department. During World War II, he was an instructor at Caltech in highway engineering and plane-table topography. His wife, Matilda, teaches music in the Sierra Madre Elementary School.

1928

*Guy L. Chilberg*, M.S. '29, of the Pacific Telephone and Telegraph Company, will head the United Good Neighbor campaign fund drive in several public industries, for the second successive year. The industries include utilities, transportation services, advertising and printing, newspapers and radio stations, hotels, office buildings, entertainment, packing and refrigeration, plumbing, heating, electrical products, dairies, restaurants, bakeries, laundries, dry cleaners and special services. Guy is general plant manager for the Washington-Idaho area of the telephone company. He

and his wife and two children live on Mercer Island, Washington.

1932

*C. C. Cawley*, M.S. '33, is the author of a new book, *Fool's Haven*, published on May 21 by House of Edinboro in Boston. Though this is Cliff's first published novel, it's his second work of fiction; *No Trip Like This*, a book of his short stories was published in 1951. There'll be a review of *Fool's Haven* in the first fall issue of *E&S*.

1933

*Ammon S. Andes*, M.S., has been acting as chairman of the aeronautical engineering department at the University of Kansas for the last three semesters.

He and his wife have two daughters—Mildred, 18, and Mary Ruth, 9. Ammon worked for three years at Convair in Fort Worth, and seven years at Washington State College before coming to Kansas University, where he has been for the past seven years. Last summer he worked at the Boeing Aircraft Company in Wichita, and the summer before at McDonnell Aircraft Company in St. Louis, Missouri.

*L. Eugene Root*, M.E., A.E. '34, has been appointed Director of Development Planning at Lockheed Aircraft in Burbank. As such, he will head a new top-level program to push aviation development years ahead of the airplanes of today. Gene has had 19 years of varied experience in aviation progress. He has served as aircraft panel chairman of the Scientific Advisory Board to the Air Force Chief of Staff, chairman of the aircraft panel at the AEC's Sandia Laboratory in New Mexico, as adviser to the U. S. Air Force Institute for Air Weapons Research at the University of Chicago, as a member of the specialist groups of the National Advisory Committee for Aeronautics, and as head of the aviation section, U.S. Navy technical mission in Europe. Within the aircraft industry, Gene has held positions as chief aero-dynamicist at Douglas Aircraft's El Segundo plant; design consultant for Hughes Aircraft; and chief of the aircraft division of the Rand Corporation.

*Robert Smallman* has been elected Vice-President in charge of Sales of the Consolidated Engineering Corporation in Pasadena. Bob was formerly Director of Sales for Consolidated, having joined the firm in 1947. In his present position he will direct the operations of both sales divisions of the firm, with offices in Chicago, New York, Philadelphia, Washington, D.C., Dayton and Dallas.

1934

*Fred B. Kurata* is now a professor in the department of chemical engineering



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at the University of Kansas, where he has been teaching since 1947. The Kuratas now have four children—three male, one female.

*Edward B. Doll*, M.S. '35, Ph.D. '38, who is chairman of the physics department of the Stanford Research Institute, was recently named director of the military effects group of the joint AEC-DOD test organization at Yucca Flats, Nevada. He was responsible for coordinating and evaluating the various technical and scientific programs being conducted at the project.

## 1935

*T. J. Deahl*, M.S. '36, is on a special one-year training assignment with the Shell Development Company at its Houston, Texas, Refinery.

*Herbert S. Ribner*, M.S. '37, is now an aeronautical research scientist at the National Advisory Committee for Aeronautics, the U. S. Government's aeronautical research agency. Herb joined the staff of the Langley Aeronautical Laboratory at Hampton, Va., in 1940 and transferred to the Lewis laboratory in Cleveland, the nation's principal propulsion research center, in 1949. He is head of the boundary layer section in the Supersonic Propulsion Division.

## 1936

*Hugh F. Colvin* has been promoted to Vice-President and General Manager of the Consolidated Engineering Corporation in Pasadena. Hugh joined the company in 1947 as Treasurer and Assistant to the President, and was elected Vice-President and Treasurer last January.

*John Klockslem* announced the arrival of a third child, James Andrew, on April 21, 1953. James has a sister, Bonnie Ann, 8, and a brother, Steven John, 4½.

## 1938

*George G. Wald*, M.S. '39, and his wife, Anne, have a son, George Jr., born on April 7, 1953. George Sr. has worked at Lockheed for 13 years, and is a research engineer in the materials and process group.

## 1939

*Charles F. Carstarphen*, M.S. '40, brings us up to date on some important events of the last two years. His two daughters, he says, were glad to see the arrival of a baby brother in June '51. In July of that year the Proctor and Gamble plant in Kansas City, where he was production supervisor, was flooded out. The next five months were spent repairing flood damage. In January '52 he transferred to Baltimore

as supervisor of the Proctor and Gamble plant there. He and his family plan to spend this summer in Portland, Oregon, and he hopes to drop by the campus in July on his way out.

*Philip E. Smith* is now assistant manager of the Eastman Kodak Company's Chicago processing laboratories. Phil joined the technical staff of Kodak's cine-processing laboratory in Rochester in 1939. In 1941 he was appointed technical staff supervisor and later assistant manager of the company's film processing laboratory in Washington, D. C. From 1942 to 1946 he was manager of the Washington laboratory, and since 1946 has served as manager of Kodak's film processing laboratory in Flushing, New York.

*Curtis M. Lee* has been in Baltimore for a year now as project engineer with Rheem Manufacturing Company at their Sparrows Point plant. The Lees' third child—Thomas Elliott—was born on May 23, making it two boys and a girl.

## 1940

*Frank Streightoff*, Ex., and his wife, Ann, have three girls and two boys. They live in Franklin, Indiana, a half hour's drive from Indianapolis, where Frank

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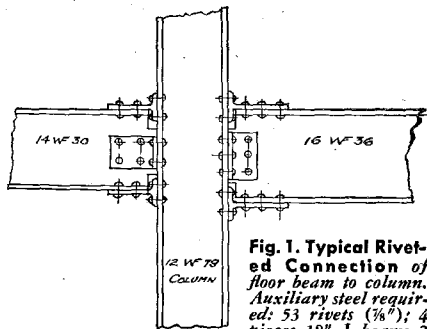
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## PERSONALS . . . CONTINUED

works. He's been with Eli Lilly and Company now for 12 years. Last year he had a hand in some of the research on the new versatile antibiotic "Ilotycin," and now he's working with high vacuum low temperature drying of biological substances.

*Don Kupfer* announced the arrival of Madeleine Louise on April 28.

### 1941

*Brig. Gen. Richard E. Ellsworth*, M.S., and 22 other men lost their lives in the crash of an RB-36 plane, according to a brief report which reached us last month. No specific date or further details were given in the report.

### 1942

*Wayne MacRostie* has recently been transferred from the California State Division of Water Resources to the staff of the State Water Project Authority in Sacramento as supervising hydraulic engineer. The MacRosties' third son was born on February 7.

### 1943

*Alfred G. Knudson, Jr.* is back at Caltech as a grad student holding a Guggenheim Fellowship. Al got his M.D. degree in 1947 from Columbia Medical School, then interned at the Huntington Hospital in Pasadena. He held a pediatrics residency at New York Hospital one year, and at Children's Hospital, Los Angeles, the next—followed by a year's research fellowship at Children's. He plans to work toward a Ph.D. in biochemical genetics and study the metabolic diseases of children.

### 1946

*John O. Nigra*, M.S., plans to spend the summer in California. He's an Associate Professor of Geology at Tulane University.

### 1948

*Robert J. S. Brown* is finishing up his degree in physics at the University of Minnesota and plans to work for the California Research Corporation in La Habra. His wife, Phyllis, gets her M.D. this month and plans to intern at the Harbor General Hospital in Torrance, Calif.

### 1949

*Arthur E. Bryson*, M.S., Ph.D. '51, was recently appointed Assistant Professor of Mechanical Engineering at Harvard University. He was previously a research physicist with the Hughes Aircraft Company.

*Carl Price* says he's successfully avoided going to work for one more year. He has a National Science Foundation postdoctoral fellowship for study in Sheffield, England for 1953-54. Liz Price and their toddler will conduct a study on the composition of Yorkshire Pudding.

*Robert D. Forester*, M.S. '50, became the father of a baby girl, Teri Lynn, on April 25.

*Jack L. White*, who was at the Uni-

versity of California's Division of Mineral Technology on an AEC predoctoral fellowship, plans to spend next year at the Imperial College of Science and Technology, Division of Chemistry, in London, England.

### 1950

*John R. Reese*, M.S., became a father on May 15. It's a boy—Charles Pearson. John's wife is the former Virginia Pearson of Atlanta, Ga., whom he married in September, 1951. In April the Reeses returned to New Orleans from California, after John spent six months on a temporary assignment with the California Research Corporation in La Habra. He is now working as a geophysicist with the California Company in New Orleans.

*Harry L. Masser, Jr.*, I.D., is being transferred back to California to work at the Whittier Research and Development Laboratories. During the two years which he spent in Baltimore, he says, their group grew into a new division of the Rheem Manufacturing Company—the Equipment Container Division (shock and weather protective containers for shipping and storage of ordnance material, aircraft engines, missiles, components).

*Richard A. McKinnon* and his wife, of Artesia, Calif., were blessed with "another income tax deduction" on May 10, 1953. They call him Douglas Alexander, and expect he will make the class of '73 or '74. Dick recently accepted a position with the International Paper Company as plant engineer.

*Ens. Arthur R. Benton, Jr.* has been in the U. S. Coast & Geodetic Survey since graduation from Tech. He has spent the last three summers aboard the USC&GS Ship *Pioneer* doing hydrographic surveying of the Bering Sea and the Aleutian area. Mighty cold, he says, but the fishing was unbeatable. During the winter they tied up in Oakland, Calif. Since last January, he has been doing geodetic surveying on the stateside, and his particular triangulation party does its winter work in Florida and summer work in Wisconsin. They have been working their way up from Miami and West Palm Beach along the East Coast, and will switch to the Wisconsin project this month.

*Robert B. McClure*, M.S., has a daughter, Jennifer Robbins, born last August 22. The McClures live in Indianapolis.

*Kazim Ergin*, Ph.D., writes from Turkey that he became the father of a boy, named Bülent Yusuf Ergin, on April 25. Kazim was recently appointed Director of the Geology Department of the M.T.A. Enstitüsü at Ankara.

### 1951

*Kent Strattön* starts work for the AEC in Oak Ridge, Tenn., on July 1, 1953.

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## PERSONALS . . . CONTINUED

*Louis G. Stallkamp* is a design engineer with G. E. in Pittsfield, Mass. He says he's enjoying the East, is living with seventeen other engineers at a nearby lake this summer.

### 1952

*William C. Pilkington* was awarded a Fulbright scholarship for study in electrical engineering at the Norwegian Institute of Technology in Trondheim, Norway, for the 1953-54 academic year. Bill receives his M.S. from Caltech this June, then attends the University of Oslo this summer before enrolling in Trondheim. He also plans to marry Rosella Becker of Oakland before he leaves for Norway, and she will accompany him.

*Louis M. Culp* gets his medical degree from the University of Kansas Medical School this June, and plans to intern at St. Margaret's Hospital in Kansas City, Kansas, next year. He and his wife, Marion, have a daughter, Nancy.

*Ernest R. Cram*, M.S., is just finishing the first year of a two-year tour of duty in the Air Force Medical Corps. At present he is training at Fitzsimons Army Hospital in Denver, but expects to be shipped to some Air Force base next year. After June, 1954, he hopes to practice medicine somewhere in western Kansas. He and his wife have two children.

### 1953

Shortly before graduation the Institute Alumni Office made a check on the Class of '53 to see what plans they had for the immediate future. Undoubtedly—in the month or more which has elapsed since the survey was made—a lot of these plans have already changed. But here's how things stood at the end of May:

As usual, almost half the graduating class is going on to graduate work. These men will stay on at Caltech for their: *Hajimu Ogawa*, *Herbert Shear*, *Neil J. Stefanides*, *Manuel J. Crespo*, *John N. Delcamp*, *David J. MacDonald, Jr.*, *Norman*

*P. Wilburn*, *Paul E. Langdon, Jr.*, *Thomas H. Applewhite*, *Robert Bixler*, *Walter R. Thorson*, *Rolf D. Weglein*, *George Moore*, *Kenneth F. Nicholson*, *Sheldon Rubin*, *Edwin J. Stofel*, *Keith R. Bardin*, *Robert Conine*, *Alan M. Haire*, *Rolf C. Hastrup*, *James Hendrickson*, *Alfred L. Johnson*, *Kenneth R. King*, *Earl D. Jacobs*, *Donald P. Snowden*, *Arthur J. Stasney* and *Roland H. Willens*.

Those doing graduate work elsewhere:

*Richard D. Welsh*, Monterey Institute of Technology (Mexico); *Stanley Wilkes*, Stanford; *David J. Clark*, U.C.L.A.; *Stanton Eilenberg*, University of Washington; *James LaTourette*, Harvard; *Michael E. Lourie*, U. C. Berkeley; *William McCormick*, Duke University; *Gilbert Peppin*, Duke; *Walter Pilant*, U.C.L.A.; *Oliver Price*, U.C.L.A.; *Irwin Rubenstein*, U.C., Berkeley; *Bruce L. Scott*, University of Illinois; *Howard A. Shugart*, U.C. Berkeley; *Robert L. Smith*, Stanford; *George Stranahan*, Carnegie Tech; *James Wyman*, Duke; *Robert A. Koster*, Stanford; *Charles R. Tallman*, U.C.L.A.; *Perry Vartanian*, Stanford; *Donald O. Emerson*, Penn State; *Eugene Muehlberger*, University of Kansas; *Thomas B. Slodowski*, Princeton; *Robert J. Stanton*, Harvard; *John C. Wilson*, University of Kansas; *John Behnke*, University of Hawaii; *Alan Haber*, University of Wisconsin; *Ken Lunan*, University of Michigan or Iowa State; *Lawrence Starr*, M.I.T.; *Thomas Emery*, U.C. Berkeley (probably); *Theodore Einwohner*, Yale; *Richard Ham*, University of Texas; *Nobuyoshi Takahashi*, U.C.L.A.; *Robert H. Wood*, U.C. Berkeley; *Daniel Appleman*, Johns Hopkins; *Swaroop Bhanjdeo*, Stanford; *Leon Vickman*, University of Grenoble, France (Fulbright Scholarship); *Thomas J. Janssens*, entering seminary toward priesthood.

Men going into the armed services include: *Terry N. Thomas*, *Carl A. Rambow*, *Jack D. Walker*, *David F. Stevens*, *Lester*

*Earnest*, *Douglas McLean*, *Carl G. Sauer, Jr.*, *Nicholas Szabo*, *David Twining*, *Robert Easton*, and *Alfred Johnson*.

*William D. Gardner* and *Morgan J. Ogilvie* go to work for the U. S. Coast and Geodetic Survey.

Men going into industry: *Frank Ludwig* (JPL); *Harry Vincent* (Herrick L. Johnston Co., Columbus, Ohio); *George B. Cooke* (Aramco, Saudi Arabia); *George Gartner* (L.A. County Flood Control); *Raymond H. Greutert* (Shell Oil); *Arthur E. Britt* (Hughes Aircraft); *Edward H. Daw* (Sylvania, Palo Alto); *Duane Marshall* (Hewlett Packard, Palo Alto); *Clarence E. Miller, Jr.* (North American Aviation, Downey); *Noel E. Reed* (Kelman Elec. & Mfg. Co., L.A.); *John W. Cagle* (Continental Oil, Ponca City, Okla.); *Patrick J. Fazio* (Shell Oil); *Kim L. Hamberger* (Phillips Petroleum); *Richard A. Knapp* (Cerro de Pasco Corp., Lima, Peru); *Theodore D. Sheldon* (Seaboard Oil, L.A.); *Alfred H. Sturtevant* (Cerro de Pasco Corp., Peru); *William Averre* (No. Railway, Limon, Costa Rica); *Coy R. Cantrell, Jr.* (Lockheed, Burbank); *John Gee* (Bethlehem Pacific Coast Steel Corporation); *Robert E. Gillingham* (Douglas Aircraft); *Walter H. Hartung* (Douglas Aircraft); *Herbert E. Henriksen* (Caltech—design engineer); *Gene M. Jordon* (U.S.C. Aerodynamics Test Center, Point Mugu); *Budd LeTourneau* (Oak Ridge School of Reactor Technology); *Leon C. Michaelsen* (Shell Oil); *Norman Schroeder* (Kaiser Steel, Fontana); *Tom Stockebrand* (Sperry Gyroscope, Long Island); *Clair C. Veazey* (General Petroleum, L. A.); *Richard D. Welsh* (Douglas Aircraft, El Segundo); *William G. Blodgett* (Sperry Gyroscope, Long Island); *Richard Ireland* (North American, Santa Susanna); *Philip Bates* (Goodyear Atomic Corporation, Ohio); *Richard M. Jaffee* (J. P.L.); *Morris Robkin* (Oak Ridge School of Reactor Technology).

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