

PERSONALS

1924

Robert S. Ridgeway, mechanical supervisor of the producing department of the Standard Oil Company of California, is leaving soon for Saudi Arabia to start a new gas injection plant, which is to re-pressure the oil field in that area. He will be absent about four months on this work and will then have a month's vacation in Egypt, Italy, and other parts of Europe.

1925

Robert H. Dalton, M.S. '26, Ph.D. '28, of the Corning Glass Company, received a John Price Wetherill medal of the Franklin Institute for his discovery, with Dr. S. Donald Stookey, of a revolutionary photosensitive glass process. Born in Christ Church, New Zealand, Bob was a teaching fellow at CIT from 1925 to 1928, and a Ramsay fellow at Oxford University from 1929 to 1930. He's been a research chemist with Corning Glass since 1930, and has been granted two patents in conjunction with the photosensitive glass process.

Paul H. Emmett, Ph.D., senior fellow of the Mellon Institute for Industrial Research, won the 1953 Pittsburgh Award of the American Chemical Society's Pittsburgh Section. Cited for distinguished service to chemistry and to the community

as a research scientist, lecturer, educator and inspiration to younger chemists, Paul will receive the award, an engraved bronze plaque, at a dinner in the University Club of Pittsburgh on December 17. He first joined the Mellon Institute staff on a petroleum refining fellowship in 1944. Prior to this he was professor and head of the department of chemical engineering at Johns Hopkins. During World War II he was a division chief in the atom bomb project at Columbia University, and is internationally recognized for his extensive research on the adsorption of gases and on the use of catalysts. The award citation particularly notes his contribution to the now famous Brunauer-Emmett-Teller method for determining surface areas.

1926

Fray Hardwick, M.S. '27, is with National Union Radio in the development and research group in Orange, New Jersey.

1927

Gustaf W. Hammar, Ph.D., is head of a research department at the Eastman Kodak Company in Rochester, New York. After many years as head of the physics department at the University of Idaho, Gustaf joined the Eastman Kodak Company in 1946. His four children are now either

married or in college. He says he hasn't had a chance to see Tech since he left in August of 1926.

1929

Duane Roller, Ph.D., has resigned as assistant director of Hughes Research and Development Laboratories to become chairman of the editorial board of the AAAS, and editor of the two journals, *Science* and *Scientific Monthly*.

Richard G. Rofelty has been in Japan since April as chief engineer for the Guy F. Atkinson Company. The Company has a contract with the Electric Power Development Company of Japan to furnish technical assistance in the construction of the Sakuma Dam Project, which when completed will be the highest in the Orient.

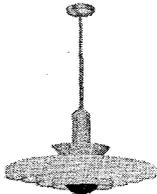
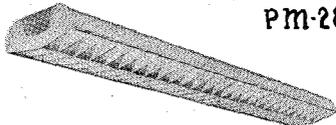
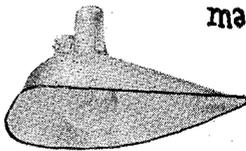
Roy F. Slocum, M.S., died in Los Angeles on November 2 of a heart infection. Roy became an electrical engineer for Electrical Research Products, Inc. immediately upon graduation and worked there for 22 years. He is survived by his wife, Elna, and four sons: Don, age 20, Jerry, age 17, Melvin, age 14, and Kenny, age 11.

1930

Chester F. Carlson was awarded the Edward Longstreth medal by the Franklin

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Institute, Philadelphia, for the invention of xerography. Chester is consultant to the Haloid Company, Rochester, New York, on his xerography process, which, has enjoyed rapid growth. Haloid, in cooperation with the G. E. X-ray division, is now in the process of introducing xero-radiography for the X-ray inspection of castings.

1931

Robert B. Jacobs, Ph.D. '34, is technical director of the engineering research department of Standard Oil Company of Indiana. Bob's family consists of his wife, Mary Elizabeth, and two sons—Chris, age 11 and Fred, age 7. The Jacobs are building a new home in Homewood, Illinois.

1932

Bryant Fitch has been promoted to director of research at the Dorr Company in Westport, Conn. Bryant joined the Dorr Company in 1946 and became assistant director of research in 1950.

1934

Nephi A. Christiansen, Ph.D. '39, is director of the School of Civil Engineering at Cornell University. He is also continuing as chairman this year of the graduate studies division of the A.S.E.E. and has accepted the chairmanship of the Upper

New York Section of the A.S.E.E. for 1953-54.

Cmdr. George W. Van Osdol was recalled to active duty with the Navy in June, 1952, and is now on military leave of absence from Pacific Tel. & Tel. He expects to be back in California by July.

James W. McRae, M.S., Ph.D. '37, is the new president of the Sandia Corporation in Albuquerque, New Mexico. Jim had been with the Bell Telephone Laboratories since 1937, and became director of electronics and television research there in 1947. In 1949 he became director of apparatus development and then director of transmission development. In 1951 he was appointed vice-president in charge of the systems development organization. Jim is also president of the Institute of Radio Engineers for the year 1953. He and his wife have four children: Carol, 14; Beth, 12; Jimmy, 8; and Johnny, 6

1935

Robert M. Stanley, president of Stanley Aviation Corporation in Buffalo, New York, writes that they have just broken ground in Denver for a new manufacturing plant. Located on the Denver airport, the plant will have better than 50,000 square

feet of space and will be capable of employing 500 people. Including the Buffalo plant, this will raise Stanley's total manufacturing space to 135,000 square feet.

Glenn Chan, M.S., passed away on August 2, 1953, according to a note received by the Alumni Office from his sister. No further details were given.

Arthur T. Ippen, M.S., Ph.D. '36, recently won the Karl Emil Hilgard Prize for a paper on "Mechanics of Supercritical Flow." Art is professor of hydraulics and in charge of the hydrodynamics laboratory at MIT. He taught at Lehigh University before being appointed an associate professor at MIT in 1945. Widely known for his research and professional activities in the field of fluid mechanics, hydraulic engineering and hydraulic machinery, Art was in charge of the planning for the new hydrodynamics laboratory at MIT, which was dedicated in 1951.

Lind B. Davenport has been elected president of the Southern California Chapter of the American Society of Heating and Ventilating Engineers. This is the only society that owns and operates its own laboratory, located in Cleveland, for research on problems of interest in heating, ventilating and air conditioning. He is also president of the Air Conditioning Supply Company, factory representatives for various companies.

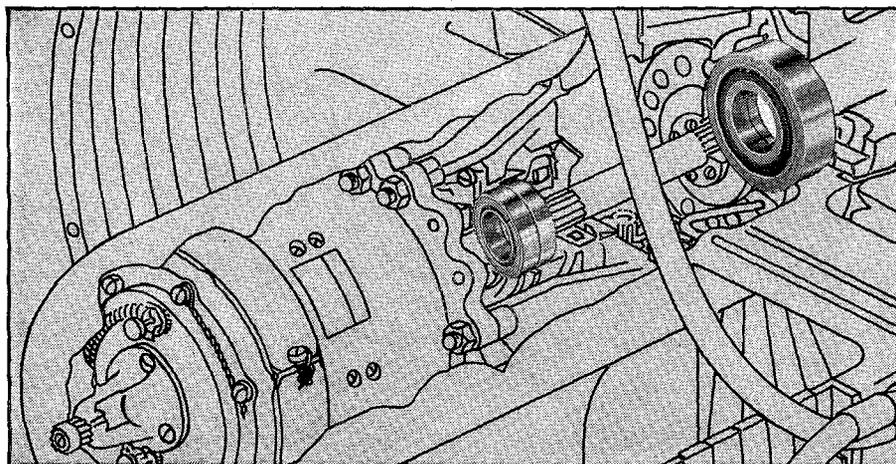
1937

Robert C. McMaster, M.S., Ph.D. '44, formerly supervisor of the Electrical Engineering Division at the Battelle Memorial Institute in Columbus, Ohio, has now been made an Assistant Coordination Director there. One of his first jobs in connection with the new appointment is to serve as Acting Chief of a new division devoted to Information Systems Engineering.

"One of our great hopes," he writes, "is to create a large mechanized technical library, and to provide information service to industry. This library would involve the use of mechanized systems for searching and selecting documents containing information desired by the users. In this connection, we have been pioneering the development of new coding, including the concepts of generic semantic factors, and the development of machines suited for random searching within such factors for the desired literature. We are rapidly building a skilled staff to carry out this development, which we think will eventually be of large proportions."

1938

Bruce C. Elliott is head of the newly formed Axelson Market Research Department at the Pressed Steel Car Company, Inc. in Los Angeles. Bruce has been with the Axelson Aircraft Sales Division since 1949. In his new position he will be in charge of research activities for aircraft,



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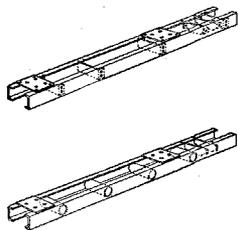
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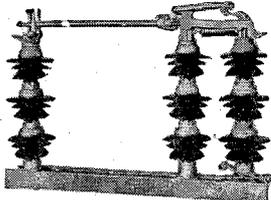
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PERSONALS . . . CONTINUED

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1939

Josiah Smith, M.S. '40, A.E. '48, was married to Eleanor Nagy on September 4. Eleanor was former Supervisor of the Office Services Department at the Cooperative Wind Tunnel, and Josiah is Assistant Director of CWT.

T. R. Matthew was detached from duty as supply officer on the *U.S.S. Sicily* last December when she returned to San Diego from Korea. He is now in charge of the power plant branch, stock control division, of the Aviation Supply Office in Philadelphia. This branch buys and distributes all aircraft-engine and propeller spare parts for the Navy. Tyler and his wife, Virginia, are happily settled in a new home in Moorestown, New Jersey.

Lawrence G. Borgeson, M.S. '40, has been promoted from western area manager of the RCA Service Company, Inc., with offices in Hollywood, to manager of the technical field administration at the company's home office in Camden, New Jersey.

Charles H. Townes, Ph.D., now has four daughters, the last one having been added in the summer of 1952. He's been executive officer of the Columbia University physics department since 1952, and is a deacon of the Riverside Church in New York and a councillor of the New York Academy of Science. Last September he attended the International Conference on Theoretical Physics in Japan.

1940

Leo Brewer, professor of chemistry at the University of California at Berkeley, is due to speak before a meeting of the Metals Branch of the American Institute of Mining and Metallurgical Engineers, Southern California Section, in Los Angeles on December 10. The subject: "Molecular States at 3000° C." Leo has been on the University of California faculty since 1946. From 1943-46 he worked for the Manhattan District project.

Robert L. Wells, M.S., has been appointed assistant manager of engineering for the Aviation Gas Turbine Division of the Westinghouse Electric Corporation in South Philadelphia, Pa. Bob entered the Westinghouse graduate student course in 1940 and joined the Aviation Gas Turbine Division in 1945, where his most recent position was manager of engine design.

1942

Robert J. Clark, M.S. '43, is now in the Washington office of North American Aviation, Inc. He will spend most of his time at the U. S. Navy's Bureau of Aeronautics.

Col. Edward W. Maschmeyer, M.S., professor of air science and tactics of Purdue University ROTC, died November 6 after undergoing surgery for a brain

tumor. He was 44. A native of Indianapolis, Ed served as a private pilot to Paul V. McNutt when he was Governor of Indiana, and also served McNutt when he went to the Philippine Islands as High Commissioner. Ed was in the Air Force Reserve and in the regular Air Force during World War II and during the Korean conflict. He is survived by his wife, Frances, and three daughters—Suzanne, Margo and Nancy.

1946

Morton M. Astrahan, M.S., received his Ph.D. from Northwestern in 1949 and has since been employed by I.B.M. on design and construction of digital electronic computers, as a project engineer. He was organizer and first chairman of the IRE Professional Group on Electronic Computers. In September, 1951, he married Joann Schwartz and now has a son, Melvin, born in October, 1952.

1947

Chadwick S. Dauwalter is still employed by North American Aviation in the propulsion section of the aerophysics laboratory, but his current assignment is at the Edwards Air Force Base Experimental Rocket Engine Test Station, where he heads the North American data analysis group.

1948

Griffith C. Barlow received his M.D. from the U.S.C. School of Medicine and completed his internship at the L.A. County General Hospital last June. He started his residency in pediatrics at L.A. Children's Hospital in September. Last January, Griffith married Mary Jane Davey of Sierra Madre, who is also an M.D. They're living in Eagle Rock.

William E. Smyth was married last April to Shirley MacDonald of Pelham Manor, N. Y. The Smyths are now living in Mount Vernon, N. Y. Until November, 1952, Bill was a corporal in the Army, with the 4th Mobile Radio Broadcasting Company overseas. He's now employed by the National Broadcasting Company of New York as a TV engineer.

Donald P. Wilkinson is a mechanical engineer with the Propulsion Research Corporation in Inglewood. The Wilkinsons now have two sons—Ronald James, 3 years old, and Robert Donald, born last January.

Frank F. Scheck writes that he, *John Brockman*, Ph.D. '48, and *Bill Harland* '44, relived the atrocities committed in Fleming's Alley 3 over ten years ago, when Bill was in New York on business recently. Their respective wives were quite properly horrified by these revelations of their dark past.

Bill lives in Montreal and is building hydro electric plants; John propagates miraculous bugs for Lederle Labs in Pearl River, New York; and Frank has been in patent law as an associate of Pennie,

PERSONALS . . . CONTINUED

Edmonds, Morton, Barrows and Taylor in New York since finishing Columbia Law School in 1951. Frank mentions seeing Bruce Worcester '48 and B. J. when they were in New York recently. He's now at Wright Field working for Hughes.

Donald R. Morrison has joined the training group at Atlas Powder Company's research laboratory in Wilmington, Delaware. Before coming to Atlas, a manufacturer of commercial explosives and industrial chemicals, Don was a chemical engineer with the Union Oil Company of California.

M. Blouke Carus and his wife announced the arrival of a baby boy on June 24. On September 4 they left for Europe to visit his wife's parents and returned to the U. S. on November 1.

William N. Harris, M.S. '50, is now working for E. I. DuPont at its Savannah River Plant in South Carolina.

Herman S. Dichter, M.S., is now working at Bulova Research and Development Laboratories in New York. On December 7, 1952, he married Dolores Goldman of Buffalo, New York.

Robert D. Dalton, Jr., M.S., has gone into partnership with his father in structural engineering in Oakland, Calif.

1950

Alex Stolony, M.S., is studying for his Ph.D. in physics at New York University. He says he's finished all his course and exam requirements, and is now working on a thesis at the Brookhaven National Laboratory at Upton, Long Island, N.Y. It's on neutron cross sections, using the Brookhaven "fast chopper."

1951

Capt. Frederic W. Hartwig, M.S., Engr. '52, is in Walter Reed Hospital, Ward 1, Washington, D.C., recovering from polio.

Robert W. Madden has been working on instrumentation for high-speed aircraft for the past two years at the I.B.M. Vestal Laboratory in Vestal, New York. Since the work is classified, all he can say is that it involves the use of large-scale digital computers to test the validity of analog computer design, and that he finds it very interesting.

Eugene Sevin, M.S., is a research engineer in the structural research section at the Armour Research Foundation in Chicago, Illinois. Gene was married in June, 1951, and has a daughter, born last May.

1952

Paul D. Arthur, Ph.D., and his wife, Mary Alice, will be in Baghdad, Iraq, for the 1953-54 school term. Paul received a Fulbright Award and is with the U. S. Educational Foundation as an engineering instructor. Since last April the Arthurs have been in England, France, Switzerland, Belgium, Holland, Luxembourg, Yugoslavia, Austria, Italy, Greece, Turkey, Syria, Lebanon and Iraq.

1953

Carl A. Rambow received the national Daniel W. Mead prize for 1953 for his essay on engineering ethics, written during his senior year at Caltech. The prize is awarded annually to a member of one of the 133 student chapters of the A.S.C.E. and consists of a certificate and a \$25 cash award. Carl is now serving in the U. S. Navy.

Al Haber, working for his M.S. in biology at the University of Wisconsin, writes that "the University is really a paradise—except for the fact that grad students have to work as hard here as they do at Tech."

Lt. Col. Benton Elliott, Engr., is at present the Marine Corps guided missile liaison officer at White Sands Proving Ground in New Mexico.

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