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PHYSICS

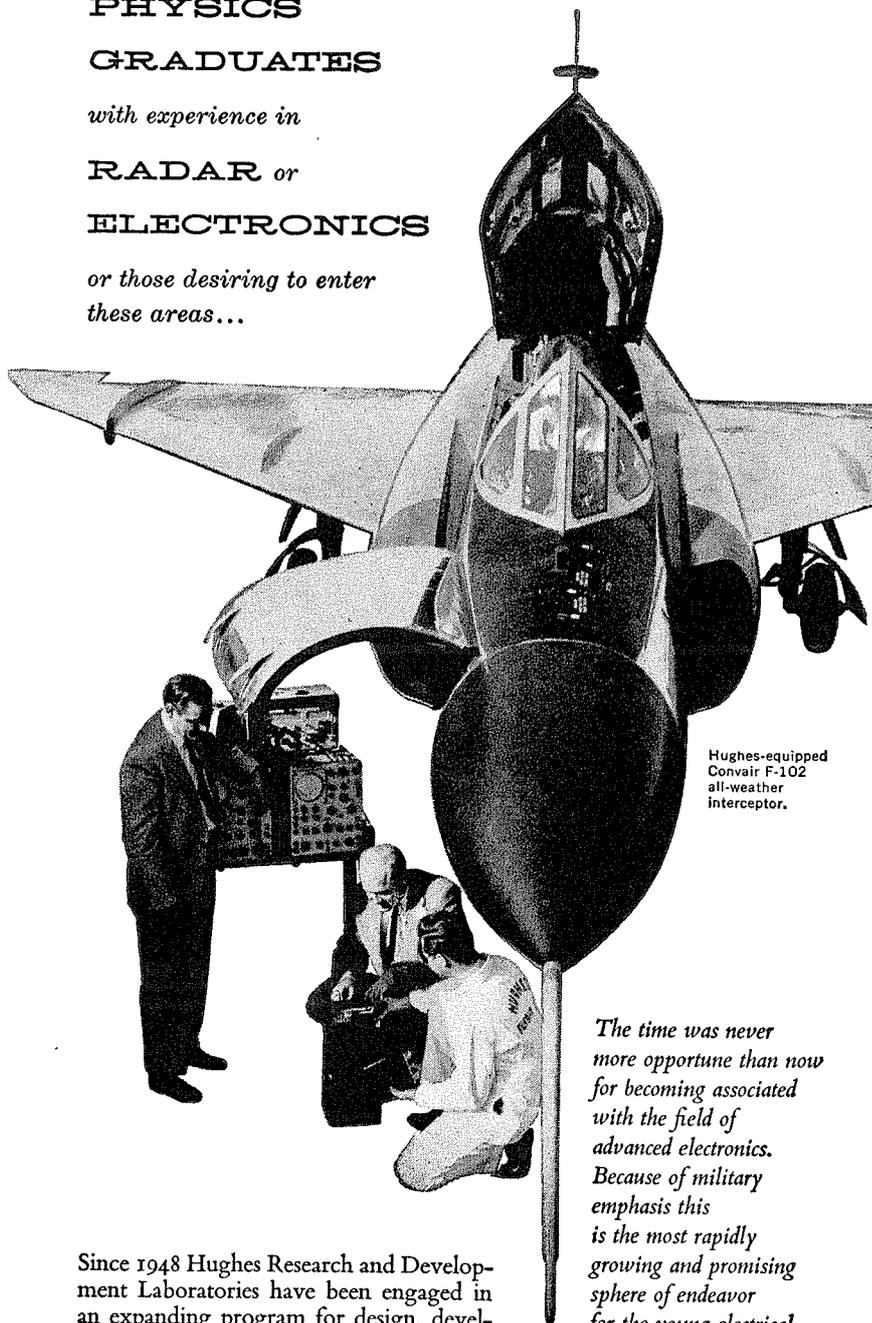
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PERSONALS

1921

Alfred Stamm, who has been conducting research at the U.S. Forest Products Laboratory in Madison, Wisconsin, since 1925, has received a Fulbright research award to conduct research on the surface properties of wood and cellulose at the Australian Forest Products Laboratory in Melbourne. The award is for nine months, beginning next September.

Al's family will accompany him, and they plan to make this a trip around the world. They will travel to the West Coast in July, stopping awhile in Los Angeles and San Francisco before sailing for Hawaii, where they will spend a short vacation. They will then continue to Australia by boat. When the Stamm family returns to the U.S. next year they will travel the long way around, going by way of India and stopping over in Europe.

This spring Al's oldest daughter, Virginia, will graduate from the University of Wisconsin; younger daughter Bonnie will be graduating from high school, and Al Jr. will be completing eighth grade.

1925

Thomas P. Simpson has been elected vice president and director of manufacturing for the General Petroleum Corporation of Los Angeles. Tom joined the company right after graduation, but later went to Socony-Vacuum, where he most recently served as director of the research and development department. In 1953 he returned to General Petroleum to act as assistant director of manufacturing.

1926

Roscoe Gockley, who was employed as an electrical design engineer with the Southern California Edison Company in Los Angeles, died on January 7th from coronary thrombosis. Roscoe returned from military service in 1944 and was hospitalized for six months with this heart ailment. Since 1944 he has had a number of attacks which hospitalized him, but after resting for a few months was always able to go back to work and lead a very normal life. Roscoe's home was in Garden Grove.

1927

James Boyd has been appointed vice president of the exploration department of the Kennecott Copper Corporation of New York. During the last 3½ years Jim has actually been manager of the exploration department, and the job has taken him to remote and mountainous regions, as far away as the Arctic Circle. From now on he will direct, from 42nd Street in New York, the explorations of 75 permanent geologists and a summer crew of about twice that number through-

ENGINEERING AND SCIENCE

PERSONALS . . . CONTINUED

out the U.S., Canada, Mexico, Peru, and Surinam. They will come in to confer with him twice a year. Before joining Kennecott, Jim held the position of director of the U.S. Bureau of Mines for almost five years.

1930

Loren P. Scoville, MS, is the new vice president and general manager of the Diamond Alkali Company's Chlorinated Products Division in Cleveland, Ohio. Loren has been with Diamond Alkali since last March as director of engineering, following 10 years with the Jefferson Chemical Company in New York, where he last served as vice president in charge of engineering, purchasing, and operations.

1931

Isadore Thompson, who has his own consulting engineering firm in San Francisco, is responsible for the engineering of the U.S. Naval Post Graduate School at Monterey, California.

1932

Robert Wherritt writes: "I am still living in Salinas, Calif., where I can still breathe without inhaling smog. I am the manager of the Liquid Ice Company. We make ice, operate cold storage rooms,

furnish refrigeration for a freezing plant and maintain tractors and trucks. I have a daughter 11 and a son 15. Besides work I am busy folk-dancing, wood carving, drawing house plans, and tinkering in my shop. Regards to all Tech men."

1933

Gregory K. Hartmann has been appointed the new technical director for the Naval Ordnance Laboratory at Silver Spring, Maryland. Dr. Hartmann has had a major part in the management of research at the Laboratory for the past three years, and has been associate technical director for research since 1951.

"Dr. Hartmann was an authority on explosives phenomena before he came to NOL early in 1946," reports the newspaper published at the Laboratory. "His work has been so vital to national security that it cannot be detailed here. However it can be said that he has pioneered in the determination of the effects of atomic explosions, and is one of the very few scientists to have witnessed most of the atomic tests following the fall of the Japanese Empire. He was in charge of scientific groups at operations . . . As technical director of the Bureau

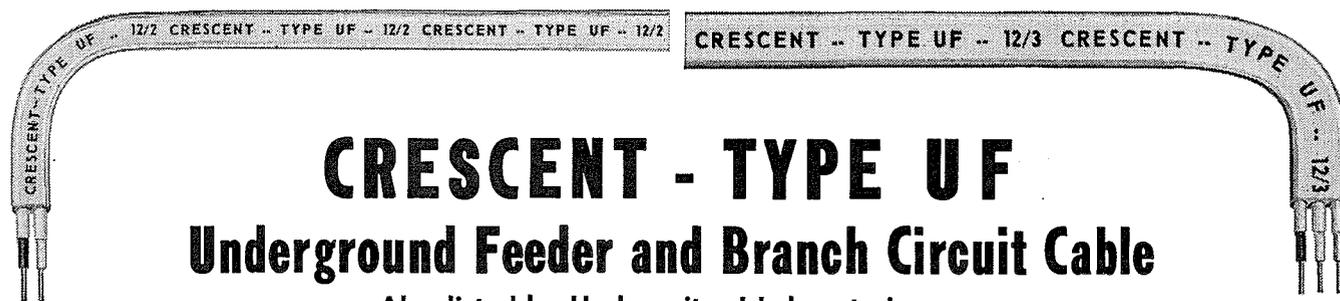
of Ordnance's Instrumentation Group with the Bikini Task Force he had responsibilities for measurement of air blast and water shock for both Bikini tests and for measuring radiation intensities at the time of these explosions.

"He holds the Navy's highest civilian honor—the Distinguished Civilian Service Award—for his contribution to the successful outcome of World War II. His work in the Bureau of Ordnance goes back to the months before Pearl Harbor, where he had an important part in the then-expanding mine research program."

1934

Robert Felt has been transferred to the Richmond Refinery of the Standard Oil Company of California, where he is an assistant superintendent of the Cracking Division. Before this, Bob worked as a refiner at the Bakersfield Refinery.

Edward B. Doll, MS '35, PhD '38, was director of the military effects group at the atomic tests held in Nevada the latter part of February. Ed received a special commendation from the Secretary of Defense while serving in a similar job for the 1953 Nevada tests, and his services were requested again this year. Ed is head



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PERSONALS . . . CONTINUED

of the Stanford Research Institute's Physics Department.

Jack M. Desmond and his wife announce the arrival of John Michael on December 17th.

1938

Daniel A. Okun, MS, is going to Peru this year, on an exchange program between the University of North Carolina and the National School of Engineering in Peru. This program is sponsored by the Institute of Inter-American Affairs of the United States Foreign Operations Administration. Dan will help integrate laboratory teaching with the undergraduate program, and initiate and develop research at the Peruvian School of Engineering.

1940

W. M. MacKay, Jr., who recently rounded out seven years as a torpedo engineer with the Naval Ordnance Test Station in Pasadena, has resigned to go into the real estate business. The MacKays and their two daughters now live in San Clemente, where the new business is located.

Roswell J. Blackinton is a new research associate at the General Electric Research

Laboratory in Schenectady, New York.

Ross, who will be doing research in the organic chemistry section, has been associated for the past four years with GE at their Anaheim, California plant. Before joining GE he was chief chemist for the Western States Lacquer Corporation of Los Angeles. Ross and his wife have one daughter, who is now 15.

1941

Joseph Trindle, MS '49, sends the following from Algiers: "I have been here in North Africa since October. Since leaving the Caltech JPL, I have finished the three-year course at Fuller Theological Seminary, and am learning French and Arabic in preparation for my life as a missionary here. My present status as a student in the University of Algiers has enabled me to be something of a missionary already to the French and Moslem students . . .

"My future appears to lie in Tangier, where my future wife and I hope to build a rescue home for Arab children . . ."

1942

Stanley Corrsin, MS, PhD '47, is now teaching a special University of Delaware

extension course for graduate students in chemical engineering. The course is called "Special Topics in Fluid Mechanics."

1943

Herbert Lassen, MS '47, PhD '51, became a member of the Advisory Council at Hughes Aircraft last year. Aside from his work, Herb also keeps busy serving as chairman of the Board of Directors of his church, and teaching a night course in kinematics at UCLA. Herb and his wife have two children, ages 3½ and 1½, and are expecting a third member of the family in May.

Howard Farmer has joined the Development and Research Division of the International Nickel Co., Inc., as a member of the West Coast Technical Field Section at Los Angeles. Before joining International Nickel, Don was chief research engineer with the Security Division of Dresser Operations, Inc.

1944

Ruben Mettler, MS '47, PhD '49, has received the 1954 award of Eta Kappa Nu, national honorary fraternity of electrical engineers, "for his outstanding planning and development of air defense control systems and his participation in civic affairs."

The award was presented to Rube at the fraternity's annual dinner on January 31 in New York City. It is given each year to a young electrical engineer for technical achievement and meritorious community service.

Rube is the fourth Caltech alumnus to receive the award. The others: *Jesse E. Hobson*, PhD, '35, now Eta Kappa Nu president, *J. R. Pierce*, BS '33, MS '34, PhD '36, and *A. M. Zarem*, MS '40, PhD '44. (In addition, four Caltech alumni have received honorable mention and Dr. *R. W. Sorensen*, Caltech professor emeritus of electrical engineering has been named an Eminent Member of the society.)

Rube Mettler joined the Hughes Research and Development Laboratories after receiving his PhD from Caltech in 1949, and he has been active there in the development of an all-weather interceptor-fire control system and an integrated electronic system. The latter system includes navigation, radar, and fire control for both rockets and guided missiles, and homing, landing, and automatic pilot functions for supersonic interceptor aircraft. Earl in 1954 he was appointed an associate director of the Hughes Radar Research and Development Division, and is currently a Special Consultant to the Department of Defense.

Rube served as a director of the Caltech Alumni Association in 1948 and 1950.

Paul H. Winter, back in Pasadena, reports: "I have returned from my two-



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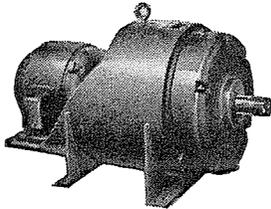
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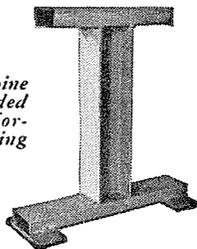
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PERSONALS . . . CONTINUED

year tour in Afghanistan with the United Nations Technical Assistance Mission. It was an interesting opportunity for my wife, two boys, and myself to travel and learn a little of the East.

"We are now again settled in our home in Pasadena. I have resumed partnership in an architectural engineering firm and our work has been varied and active. We are mainly doing schools, churches, and shopping-center work.

"I am teaching one night a week at USC, enjoying the meetings of the Structural Engineers Association, and as a family we are active in the program of the Lake Avenue Congregational Church."

1945

Clarence Woodward has been elected vice president in charge of engineering and sales and a member of the Board of Directors of the Rucker Company of Oakland, California. The firm is engaged in hydraulic engineering and manufacturing.

Richard Honey is working as a research engineer in the microwave group at the Stanford Research Institute. Dick received his PhD from Stanford several years ago. He is married and has two daughters.

1946

Albert O. Klein is now a missionary and will be arriving soon in Formosa, to work under the Evangelical Albanee Mission of Chicago, Illinois, for a 5½-year term. Al's wife and baby will be with him in Formosa.

Robert Grube is now the father of three children, with the arrival of Victoria Mae last November. Bob, an engineer with Aerojet, is making a telescope in his spare time.

Laurence Haupt, MS '47, holds the post of Fleet Captain of the Sacramento Penguin Class Sailboat fleet. He notes that there were two boats sailing when he bought his a year ago, but this summer there will be 10 boats sailing on Lake Washington, which is across the Sacramento River in Yolo County. Laurence has been speaking before service clubs in the local campaign for the Association for Retarded Children. This is part of a public service program of Toastmasters International.

1947

Edward A. Flanders, MS, is now a colonel in the Army Engineering Corps, in Casablanca on a three-year detail. His wife and three daughters are with him, and they are enjoying Morocco very much. Before this transfer, Ed had just finished working on the Limestone, Maine, Air Base.

George Epprecht, MS, sends in the following report on life in Switzerland: "Job: Got a PhD from the Swiss Federal

Institute of Technology two years ago, with a thesis on noise of sliding contacts. For two years have been working on microwave measuring technics. Working conditions are very good compared to other Swiss companies . . . except for salary possibilities. Am living in an old farmhouse built in 1782 at the edge of a wood overlooking the Aare River and with a view of the mountains. Distance from Bern is half an hour riding on a bike, as long as there is no snow. Our two boys are happy to have been joined by a little sister recently. The weather? Well, I sometimes long for some real warm California sunny days."

1948

Richard Roehm writes from Yonkers, New York: "I am still on a single, unmarried basis although by no means a confirmed bachelor. Very much interested in my work with the IBM Corporation. This month I was made a special representative at World Headquarters in New York City. Duties . . . to represent the company on a national basis to life insurance companies, with emphasis on those who use or are contemplating the use of IBM's newly developed Electronic Data Processing Machines. I was on a planning group for electronic computer developments at Poughkeepsie, New York prior to this, for a period of eight months. New York City is a wonderful place, but as far as I'm concerned it's extremely cold this time of the year, and I recall fondly the balmy winters of Pasadena."

1949

J. Frank Valle-Riestra, MS, has been in the uranium business for the last few years — but, as Frank says, "unfortunately not in the money-making end of it." He is designing and supervising construction of plants for the AEC on the Colorado Plateau. He is employed by the Dow Chemical Company of Pittsburg, California.

J. Richard Love has been with Douglas Aircraft Company at El Segundo for the past five years. He is a member of their engineering section, working as a research lab analyst.

Mehmet A. Turkkan, MS, is serving his term of military service in the Turkish Air Force as a lieutenant engineer for the maintenance and repair of jet aircraft.

1950

Wilson Bradley, Jr. has been appointed assistant general manager of the Endevco Corporation in Pasadena.

Almon E. Larsh, an electronic engineer at the radiation laboratory of the University of California, happily reports the birth of his first child, a boy, on Feb. 5.

1951

Dean C. Daily II has been transferred

ENGINEERING AND SCIENCE

PERSONALS . . . CONTINUED

by North American to their rocket testing field laboratory at Santa Susana. Dean is with the Budgets & Planning Unit there. Dean and his wife welcomed their first daughter, Virginia Diane, last June.

G. Berk Welch and *Frederick Baily* were graduated last December from the U.S. Naval Officer Candidate School at Newport, R.I. They are now commissioned Ensigns, and will be assigned to duty or continue further schooling within the Navy's Special Training Command.

David T. Manning has joined the research and development department of Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation, at South Charleston. He will be working on synthesis of new organic chemicals. Dave completed requirements for his PhD from Caltech a short time ago.

1952

Richard S. Winkler, MS, sends the following from Saudi Arabia: "I am presently employed in Dharan, Saudi Arabia, by the Arabian American Oil Company. I worked for this company in New York City approximately one year after receiving my MS. I have recently visited Kashmir where I climbed some

mountains and did a little fishing. These mountains are even more beautiful than our Sierras.

"One month ago I attended a banquet for the King of Arabia which was given in Damman. It was given in a large tent, the food was native, and we ate using our right hands as utensils. All I can say is that it was different. The temperature has dropped to 70° F. and it is pleasant. Occasionally it is necessary to wear coats.

"I intend to return to the U.S. this June and take the P.E. registration exam."

Paul D. Arthur, PhD, returned from a year overseas, and is now on the staff of the Ramo-Wooldridge Corporation. "Last year in Baghdad was very interesting," Paul says. "I taught at the government engineering college under the auspices of a Fulbright grant. Mary and I drove out from Europe, visiting Yugoslavia, Greece and Turkey on the way to the Arab countries of Syria, the Lebanon, Jordan and Iraq.

"We saw many American assistance projects, but their effectiveness is greatly reduced by our clumsy foreign policy record in the Near East. Even so, we were received with cordial hospitality everywhere."

1953

Eugene B. Muehlberger was married on January 22 to Sue Davis of Brentwood, Missouri. Sue attended Occidental, but received her degree from the University of Missouri. Gene got his MS from the University of Kansas in February, and is now employed in the training program of the Shell Oil Company, at La Habra, California. Upon completion of this training he will be an exploitation engineer located somewhere in California.

A. Henry Sturtevant now lives in Alexandria, Virginia, with his wife, the former Anne Fox of Pasadena. Henry is a Pfc in the Army and is working as a company clerk.

Walter J. Eager, Jr. received his commission as an Ensign in graduation exercises held at the U.S. Naval Officer Candidate School at Newport, R.I., last December.

1954

George N. Huntley is planning a June wedding to Miss Charlotte Irwin of San Marino. Charlotte attended Scripps last year, and is now studying at the Los Angeles County Art Institute. George is working for his MS degree at Caltech.

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