

PERSONALS

1920

Mark A. Sawyer has been made Plant Engineer for the southern California area of Pacific Tel. & Tel. He was previously Protection Engineer.

1921

Paul Perkins, Ex-'21, died January 19 in Grants Pass, Oregon. He had retired to a farm, and was living in Murphy, Oregon. He is survived by his wife, Isabella, and three sons, Leland, David, and Robert.

1927

Robert Creveling is now at the New Mexico School of Mines in Albuquerque. A member of the school's Research and Development Division, he is in charge of the proximity fuze program being conducted at the New Mexico Experimental Range.

1928

Frederick C. Lindvall, Ph.D., Chairman of the Division of Civil and Mechanical Engineering and Aeronautics at Caltech, has been elected to the Board of Directors of the Stanford Research Institute.

1929

Thomas H. Evans, M.S., '30 is the new Dean of Engineering at Colorado State College in Ft. Collins, succeeding **Nephi Christensen**, M.S. '34, Ph.D. '39, who left last fall to become Director of the School of Engineering at Cornell University.

Evans had previously served as Instructor and Assistant Professor at Yale, and as Associate Professor at the University of Virginia. During the war he was a Lt. Colonel in the Army Corps of Engineers. He comes to his new post from the Georgia Institute of Technology, where he was head of the Department of Civil Engineering.

1931

Lawrence L. Ferguson must be one of the busiest men in the General Electric Company these days. Besides his duties as Administrative Assistant in the Knolls Atomic Power Laboratory, operated by GE for the Atomic Energy Commission, he has just been made Assistant Executive Engineer of the General Electric Research Laboratory.

Ferguson has been with GE since 1934. Until 1941 he was engaged in statistical work. The next two years were spent on a special assignment to the New York office of the company's president. In 1942 he entered the Navy, leaving in 1946 with the rank of Lt. Commander.

On his return to General Electric he

spent a year in the Investments Department in New York City. He was assigned to the Knolls Atomic Power Laboratory in 1947.

1932

Randal Maas has been promoted by the General Petroleum Company from Process Engineer to Assistant Manager of the Torrance Refinery.

1933

Daniel D. Taylor, Ph.D., a consulting physicist living in Altadena, recently broke into the news in the role of father. His 17-year-old son, Dwight, was top award winner in this year's annual science talent search, sponsored by the Westinghouse Educational Foundation. A collection of 120 different species of mollusks from the New England coast—more species than have previously been seen from this region—earned Dwight first place among some 16,000 teen-age contestants, and a scholarship.

1934

Charles L. Schneider is now Resident Physician in Obstetrics and Gynecology at Herman Keefer Hospital, Detroit. He got his M.A. and Ph.D. from Harvard, and his M.D. from Stanford in 1945. Since then—except for a two-year interval with the Army Medical Corps in Japan—he has been at the Henry Ford Hospital and the Woman's Hospital in Detroit.

On February 25 he married Ruby Maria Engstrom. Mrs. Schneider holds a B.S. from Northwestern University and an M.D. from the University of Minnesota Medical School. She is interning at Wayne County General Hospital in Eloise, Michigan.

1935

John B. Higley writes that since his discharge from the Army Air Forces in 1946 he has been working for Transducer Corp. in Boston, as project engineer on the development of "an electronic-mechanical device" for the Army. He is married (to Alice Sanderson of Marblehead, Mass.) and has two children (Joanna, 2½, and Paul, 8 months).

1936

Curtis G. Cortelyou, who has held various positions with General Petroleum since 1939, has recently been promoted to Project Engineer.

1937

Roland A. Budenholzer, Ph.D. '39, Professor of Mechanical Engineering at the Illinois Institute of Technology, is directing the Institute's 11th annual Midwest Power

Conference, which will be held at the Sherman Hotel in Chicago from April 18 to 20.

Holloway H. Frost has moved from the Socony-Vacuum Oil Co. to its subsidiary, the Magnolia Petroleum Co. He will be party chief on an experimental seismic party, working in conjunction with Magnolia's Field Research Laboratory in Dallas, Texas.

1938

John J. Lentz, M.S. '39, is on the staff of the Watson Scientific Computing Laboratory at Columbia University, working on electronic calculators. **Byron L. Havens**, M.S. '39, is also in the lab; he spent the war years at the Radiation Laboratory, M.I.T.

Lupton A. Wilkinson writes: "In June, 1947, I left Lockheed Aircraft Corp., where I was a Supervisor of Manufacturing Engineering, to work at the Stanford Research Institute at Palo Alto on a study of the aircraft industry for the Air Force and Navy. The purpose of the investigation was to determine the expansibility of the industry, in terms of monthly production of specific models, in case of a surprise attack on the U.S. Upon completion of the project, I went to work in June, 1948, for McDonell Aircraft Corp. in St. Louis, as Chief of Schedules and Production Control. We are building the Banshee Navy Fighter, and experimental models in which we have high confidence. Incidentally, our production is on schedule—naturally."

1939

Richard H. Hopper, Ph.D., is a geologist with the Nederlandsche Pacific Petroleum Maatschappij in Batavia, working in Java and Sumatra. Married in 1944, he now has a four-year-old son and an almost-one-year-old daughter.

1940

William R. V. Marriott, M.S. '42, is a Captain in the U. S. Air Medical Group. He is stationed in Wiesbaden, but appears to cover a good deal of Europe. Marriott left the U. S. about ten months ago, after a year spent in Texas doing research and laboratory work for the Army. He expects to remain in Germany at least another year.

Miller Quarles, Jr., B.S. and M.S., is a geophysical supervisor for the United Geophysical Co. He lives in Dallas, and works primarily in Texas. In the line of duty he owns and flies a Beechcraft Bonanza plane, and reports a recent visit with Raymond Peterson (B.S. '31, Ph.D. '35), v.p. of the United Geophysical Co., during which he gave Peterson piloting instructions en route from Laredo to Houston and Dallas.

1941

Joseph F. Rominger married Betty Suor, of Pittsburgh, Penna., last December. They're now living in Tulsa, Okla., where

he is Research Geologist in the laboratory of the Carter Oil Co.

1944

Joseph R. Bruman, B.S. & M.S., has been working on the construction of a wind tunnel at North American's Los Angeles Airport factory. Recently completed, it is the largest supersonic tunnel operated by an aircraft factory, with speeds of over 4,000 mph. It is designed primarily for study of pilotless guided missiles.

Keith W. Miller, M.S., was graduated last June from the Yale Law School, and is now working in Los Angeles for the Bank of America. He will be married this spring to Ruth Elizabeth Adams of Schenectady, N. Y. Miss Adams is a graduate of Vassar College, and a student at the Yale School of Nursing.

1945

Ralph S. White received his master's degree in Business Administration from the Stanford Graduate School of Business last June, and is now settled in Glendale, where he is Production Assistant for the Drewry Photocolor Corp.

Two recently announced engagements are those of Bradley G. Morison, to Barbara West Bissell of Minneapolis, and Melvin N. Wilson, Jr., to Adina M. Wagner, of Coram, N.Y.

1947

G. S. Ramaswamy, M.S., is now Instructor in Civil Engineering at Kakinada Engineering College, Madras Province, India.

1948

Harry Lass, Ph.D., is in the Mathematics Department of the University of California at Santa Barbara. His engagement to Dorothy Helen Goedhart, of Pasadena, was recently announced.

Letters CONTINUED FROM P. 2

Ten Year Talley

Sirs:

This spring brings with it a ten year milestone for the Class of 1939. The completion of ten years, if they are all as tough as the last ten, is an accomplishment in itself and probably an occasion well worth some special recognition.

Certainly many interesting stories could be developed from the experiences of the members of the Class of 1939. Enough, I believe, to make them the theme of an edition of *Engineering and Science* sometime this year.

Those of us who have left California especially have a longing to hear about old friends at school: how and where they are and what they are doing. A real get-together with the class through the pages of *Engineering and Science* would be long appreciated by us.

From the sound of the Alumni directory, it appears that Bill Norton is selling automobiles. What is the real story?

Cary Paul started with Caterpillar Tractor. Is he still there and doing what?

I have seen John Black a few times. He is Howard Hughes' righthand man. He can tell many a story.

So can Tyler Matthew, who is an officer in the Navy.

Is Chuck Carstarphen still selling soap for Procter & Gamble? And how about Scott and Lee and Ritchey and Deverian, and the others?

Why not ask every member to send in something about his ten years for inclusion into an article. Better yet, since people are often shy or reticent, why not assign volunteers to contact and send in writeups about others near them. I am certain there are many others like myself who would volunteer to do that.

Richard K. Pond

East Orange, New Jersey

¶ E & S has already snapped up Dick Pond's offer; he's been assigned to collect biographical material from men in the class of '39 now in the New York area.

Are there other volunteers?

With their help, E & S can present, early in the fall, a 1949 report on the class of '39—a composite picture of the Caltech graduate ten years later, as well as individual reports on as many '39 men as we can reach.

Better Late . . .

Sirs:

In the October '47 issue you published a plea for criticism of the articles in E & S. I sat right down and started this letter. It has taken a couple of New Year's resolutions before I have been able, finally, to finish it. The following are my personal comments—why not send out a poll to find out what other alumni think? This business of writing letters sounds easy, but it takes a lot more time than filling out a questionnaire.

I think changes in the courses and educational standards at CIT should be discussed at some length in E & S, if and when they occur. Also, of course, changes in the plant.

I suggest that a tabulation of the publications originating at CIT be included—so alumni can keep up with science—or at least keep it in sight a little longer. It would be still better to have a short paragraph describing the significance, if any, of each publication.

I commend you on the "In This Issue" column—it's not stuffy like most of the rest of the departments tend to be. However I thought "With The Editor" a more appropriate heading.

Years ago the *Alumni Review* published, I believe, a column devoted to puzzles (mathematical etc.) submitted by the readers. This sort of thing I think

is fun. In case you are interested here is a choice one:

"Given twelve balls identical in appearance, eleven of which are identical in weight. To find which of the twelve is the odd ball, and whether it is heavier or lighter, in three weighings on a pan balance."

You need an annual index, badly.

Unquestionably, and as you have noted (With The Ed. 5-48), your issues devoted to departments or divisions at Tech—Wind Tunnel, 7-45; Jet Propulsion, 7-46; Biology, 5-47; Geology 2-48 and Mt. Palomar 6-48—have been outstanding. Let's have some on Physics, Mathematics, Chemistry, E.E., Ch.E., and ME too. Actually these major departments, I think, would be of even more interest, to more alumni, than some of those you have presented.

As a generality, I shall dare to venture the opinion that articles by members of the CIT staff—or students—will appeal to a wider audience among the alumni than articles by the alumni themselves. This is because of the necessary narrowing down that alumni undergo after leaving school. To take the December issue of E & S for example, I thought Borsook's article most interesting and timely: the thing on comets quite good and of just about the right length for the type of presentation it is; Millikan's speech enjoyable (one of the few speeches I have actually read through for a long time). In other words, I consider this issue, originating essentially within the Institute, a very successful one. Of course, a good way to find out whether anyone else holds with these viewpoints is to poll the readers, as I suggested above.

And this brings up a suggestion rather unrelated to the foregoing. I would like to propose that the Alumni Association undertake an economic status survey of the Alumni. This was done back around '41, I believe. Correlations between income and major in school, year graduated, type of employment (what industry, etc.), profession, number of positions that have been held, and years in present job—etc., might be included. Such data are definitely of value—to the school, to students, and to alumni.

Los Angeles

¶ Before taking a poll of the rest of our readers, E & S might better take a stand on *this* reader's pertinent—and welcome—criticisms and suggestions. He didn't want his name used because he thought he was being too rough on us. But this is the kind of letter we relish—especially when we think we have most of the answers to it.

1. We plan to discuss changes in courses and educational standards

regularly: Winchester Jones, Registrar and Dean of Admissions, is now preparing an article on Caltech's admissions policy. As to plant changes—E & S for February reported on the new biology annex, in June or July will cover the even-newer Earhart Greenhouse.

2. Publications originating at Caltech now appear in an annual Institute bulletin, *Publications of the Staff*. Space prevents our running

these each month in the magazine.

3. We'll consider that switch to *With the Editor*, but when you call "the rest of" our departments stuffy—smile.

4. If enough readers will send in enough puzzles, we'll run a column. Meanwhile, will somebody give us the answer to this one?

5. E & S will have an annual index for 1949—and thereafter.

6. Coming up—special issues on

Chemistry and Engineering. Eventually we'll cover all Divisions.

7. At least 65% of the material in E & S now originates within the Institute. Any complaints?

8. An economic status survey of Caltech alumni would, of course, be invaluable. But, like Dick Pond's suggestion above, it would take a lot of man-hours. Are there enough men who are men enough to help launch it?

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