

ATHLETICS

By H. Z. MUSSELMAN,
Director of Physical Education

WITH a third of the basketball season past, Caltech's record shows two wins and three losses.

After opening the season with an 84-36 victory over Vultee, the team dropped close contests to U.S.C. 46-39 and Santa Ana Army Air Base 55-52. Bouncing back in the win column, the Engineers defeated Camp Ross 47-43, but were on the short end of the return match with Camp Ross 58-51.

Coach Shy still has to arrive at a regular starting lineup. Co-Captains Hugh West forward and Paul Nieto guard, together with center Bernie Wagner, have started all games. Stuart Bates and John Schimenz have been alternating at the other forward spot, with Dennis Ahern and Jerry Schneider battling for the guard spot.

The team is playing a fast and aggressive type of ball, and has scored an average of 55 points per game. Hugh West has led the scoring in all games and has an average of 18 points per game. However, lack of height has proved the real weakness of the team, and has been a real handicap, for the ability of lengthy opponents in controlling the ball off both backboards has been a contributing factor in all the defeats.

Coach Dr. Hane's cross country runners placed well in all meets. Victories were registered against Compton J.C. 27-28 and 26-29, U.C.L.A. 18-42 and Oxy 25-32 while Redlands led by Roland Sink, a V-12 trainee and the former U.S.C. distance runner, trounced the Beavers 25-30 and 24-31. George Gill, Tech ace, placed first in all meets except those against Redlands. A four way meet at U.C.L.A. found Redlands again victorious with 31 points, Caltech second with 40, while Oxy and U.C.L.A. tied for third with 72 points apiece.

Progressive Education

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institution that proposes to maintain decent standards of professional work. When the war is over, the Institute, in all probability, can continue to select from applicants for admission a full freshman class of adequately prepared students. But it can do so only by a drastic process of selection; and unless what seems to be a pretty general trend in high school education is reversed, a larger and larger number of high school graduates who are potentially good engineering and scientific material will be automatically excluded from consideration.

The four-year professional courses are continually working with the problem of not enough time for all that should be done. Surely the solution is not to dilute and superficialize the work of the high schools. Readers of *Engineering and Science* may well give serious thought to this whole problem. As citizens and taxpayers they have a legitimate concern with whether the public schools are giving them their money's worth. If they have children, they have a more immediate concern; and if they have any doubts about the adequacy of the grade and high school education that their sons and daughters are receiving, then let them do something about it.

ALUMNI DINNER DANCE

The Annual Alumni Dinner Dance will be held February 10 at the Oakmont Country Club in Glendale. Bob Mohr's orchestra will provide the music and the party will be informal. Dinner will be served at 8:00 P.M. Dancing will be from 9:00 P.M. to 12:30 A.M. Tariff for dinner and dancing will be \$6.00 per couple; for dancing only, \$2.40 per couple. Reservations should be made immediately through the Alumni office.

PERSONALS

1921

ALLIN CATLIN is a lead engineer in the North Hollywood district of the Southern California Telephone Company.

1922

K. A. LEARNED is a district engineer in the Alhambra area of the Southern California Telephone Company.

1923

DONALD SCOTT is at the Johnson Foundation of the University of Pennsylvania at Philadelphia, Pa.

1925

M. E. SALSBURY has been made president of the Los Angeles Section American Society of Civil Engineers at a recent meeting. C. W. Sopp, '17, was elected a vice-president and Arthur Pickett, '24, secretary.

MAJOR J. J. DEVOE, Signal Training Battalion at Camp Crowder, was in southern California on business for the government.

GLENN M. SCHLEGEL is now with Union Iron and Steel Company in Los Angeles as assistant manager in charge of operations.

1926

HERBERT V. INGERSOLL, a prisoner of the Japanese, has sent his wife a message, through an intercepted propaganda broadcast from Japan, stating he is in good health, uninjured and is receiving letters and personal boxes.

ERNST MAAG in December was made vice-president of the Structural Engineers Association of Southern California.

1927

CAPTAIN FRANK S. HALE is "somewhere in Belgium" doing photo interpretation which keeps him well informed on our part in this campaign and as he says, "makes him prouder than ever to be an American."

1928

HUGH HOSSACK is a lead engineer at the Van Nuys office of the Southern California Telephone Company.

1929

LIEUTENANT (j.g.) HAROLD CORBIN is on a destroyer in the South Pacific engaged in anti-submarine warfare.

RAYMOND KIRCHER has joined the vacuum tube development department of the Bell Laboratories.

1930

CAPTAIN LAWRENCE NYE, U.S.A., sent greetings on Christmas Day from his station in Australia to his family in Los Angeles.

1931

DR. CHARLES KIRCHER is the father of a new daughter, Josephine McCullom, born in October. Dr. Kircher is associated with the Du Pont Company.

1932

E. C. KEACHIE is a Captain in the Engineers Corps, U.S.A., with headquarters in San Francisco.

THOMAS F. ANDERSON is working with viruses and the electron microscope at the Johnson Foundation, University of Pennsylvania.

PHILIP SCHOELLER is associated with American Arabian Oil Co., Saudi Arabia,

having arrived there the middle of September after 45 days of travel. Mr. Schoeller is doing engineering in non-processing construction such as the pier, salt water intake, roads, pipe lines, etc.

ERIC J. MILES is now with Mellon Securities, Pittsburgh, Pa., as assistant to the vice-president in charge of investment counsel.

1934

ROBERT SCHRECK is district engineer for the Orange County district of the Southern California Telephone Company.

1935

ROBERT P. JONES, U.S.N.R., was recently promoted to full Lieutenant. In September he became father to a second son.

PERRY POLENTZ is connected with McKinney and Co., management consultants, San Francisco, Calif.

JAMES N. SMITH, engaged on a war research project for Columbia University, has returned to southern California and is now working for Caltech on a war research project.

DR. JESSE E. HOBSON has taken over the position of director of the Armour Research Foundation in Chicago. He was formerly head of the electrical engineering department at Illinois Tech, during which time he also was director of the Army Signal Corps training program. Dr. Hobson was responsible for the opening of two new college graduate training programs at Commonwealth Edison and Allis-Chalmers in which industrial employees work toward advanced college degrees in their own plants.

1936

WALFRED E. SWANSON has the responsible position of assistant chief of operations with the grade of senior civil engineer in the Sacramento district office of the U. S. Engineers. The district includes central and northeastern California, northern Nevada, Utah, western Colorado, and southeastern Wyoming.

RAYMOND BOOTHE, U.S.N.R., has been made full Lieutenant. Letters from him are V-mailed from Australia.

FRANK BRINK, JR., is at the Johnson Foundation, University of Pennsylvania, Philadelphia, Pa.

1937

ED HORKEY is secretary of the Los Angeles Chapter of the Institute of Aeronautical Science.

WENDELL B. MILLER is outside plant engineer for the Alhambra district of the Southern California Telephone Co.

1938

DR. JOHN C. LILLY for nearly three years has been doing research in high altitude physiology, oxygen supplies, etc., under the committee on aviation medicine of the committee of medical research, of the Office of Scientific Research and Development at the University of Pennsylvania. Dr. Lilly has carried on this work as a fellow in biophysics.

DR. JAMES WATSON, formerly engaged in research at the Johnson Foundation, University of Pennsylvania medical school, has now completed his internship at the Massachusetts General Hospital in Boston.

STANLEY T. WOLFBURG is the father of Joel Alan, born November 4, 1944.

HERBERT ELLIS was presented with a baby daughter, Jean Palmer, born on December 4, 1944.

ROLAND C. STONE and Miss Barbara Deibert were united in marriage in a formal ceremony at All Saints Episcopal Church, Pasadena, on December 2, 1944. Mr. and Mrs. Stone will make their home at Inyokern where Mr. Stone is employed on one of the Caltech projects.

CAPTAIN A. F. DU FRESNE gives us his impressions briefly of the European countries where duty has taken him. Captain Du Fresne writes that sunshine is "rationed" in England and France on a strict basis but that the people of these countries have given them a reception that has far more than made up for the deficiencies in the climate.

ROBERT S. CUSTER has been transferred back to the New York office of the Texas Company, after several months in Long Beach, Calif.

WILLIAM FREEDE is now an industrial engineer for North American Aviation in Inglewood, Calif.

1939

MAJOR PAUL C. ENGELDER is the father of Paul Coolidge Engelder, born on October 15, 1944. Major Engelder is in the Southwest Pacific with the Marine Corps.

JAMES W. BRAITHWAITE is a mechanical engineer, working at the Caltech wind tunnel and also instructing at the Institute.

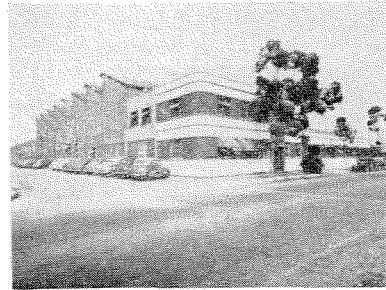
JAMES E. STONES is the father of Judy, his third child, who arrived in October at their newly purchased home in Weatherford, Okla.

1940

CHARLES PAYNE became father to a second son born November 11, 1944. Charles is a Seaman Second Class in training at Farragut, Ida.

The KINNEY GROUP

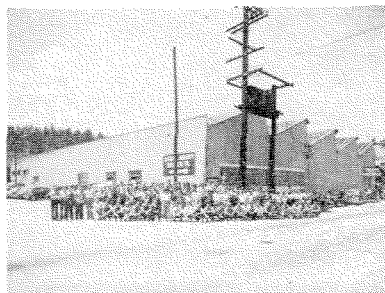
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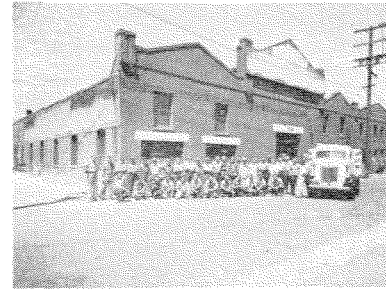


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Roland T. Kinney, Stanford, '22
Bryant E. Myers, Cal Tech, '34
C. Vernon Newton, Cal Tech, '34



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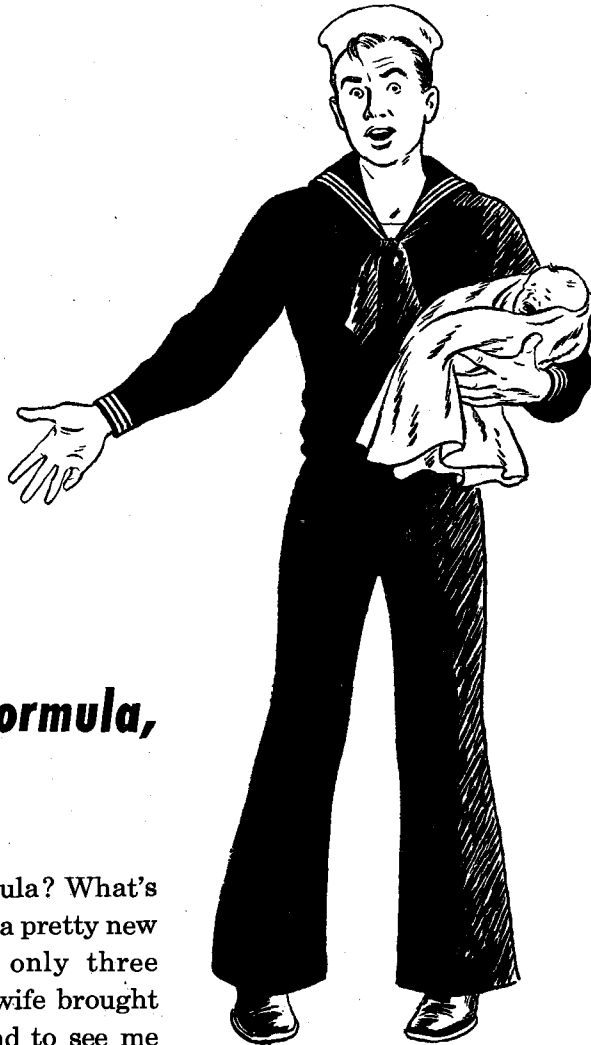


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Forbes W. Jones, Cal Tech, '35
Leonard Alpert, Cal Tech, '43
B. R. Ells, Throop, '10



“What’s a formula, anyhow?”

“Her...er...formula? What’s that? You see, I’m a pretty new father. Nancy’s only three months old. My wife brought her up to Portland to see me when I got shore leave. She took sick and is in a Portland hospital. I’m taking the baby down to her grandma’s in Los Angeles.”

Now you may think this quite an unusual situation—a sailor traveling on a train, alone, with a three months old baby, without even knowing her formula. But it isn’t. Lots of things like this happen every day on our crowded wartime trains. That’s why we have Passenger Aides on our trains that carry a large number of coach passengers. These specially trained women help make travel as comfortable as possible for women, children and elderly people.

One minute they’re fixing a baby’s formula, the next min-

ute they’re giving first aid to a cut on Johnny’s leg, or helping care for a person who is not accustomed to traveling. Little things, perhaps. But little things that are mighty important to our passengers.

Passenger Aides are just one of the steps we’ve taken to improve our service to those who must travel in war time. In a way they represent the type of helpful, friendly service all our people try to give, even though it’s hard these days, being as short-handed as we are.

S·P

The friendly Southern Pacific

1941

SERGEANT RICHARD F. SILBERSTEIN, 1053rd Engineers Post Construction and Repair Group, is in Normandy and with his outfit has been engaged in reconstruction of the harbors of Brest and St. Malo.

LIEUTENANT EUGENE A. LAKOS, C.E.C., U.S.N.R., is stationed at the Naval Operating Base, Norfolk, Va., in the public works department.

LIEUTENANT WILLIAM SCHUBERT is stationed at the U. S. Naval Engineering Experiment Station, Annapolis, Md.

ENSIGN NEWELL PARTCH, U.S.N.R., is stationed at David Taylor Model Basin, Carderock, Md.

LIEUTENANT D. C. CAMPBELL, U.S.N.R., is stationed at David Taylor Model Basin, Carderock, Md.

1942

LIEUTENANT WAYNE MACROSTIE, U.S.N.R., after a short training period at Norfolk, Va., in June 1942, was ordered to duty as a Civil Engineer Corps officer in the Caribbean area. Since that time he has been doing construction and maintenance work in that area.

SECOND LIEUTENANT ALFRED LANDAU, Ordnance Department, U.S.A., sends Christmas greetings from Holland.

LIEUTENANT (j.g.) ERWIN LARSON, U.S.N.R., is at the Shoemaker Hospital at Tracy, Calif., recuperating from illness contracted in the tropics. He had been with the Seabees in the South Pacific for 23 months.

LIEUTENANT EARLE A. CARR, U.S.N.R., is stationed at the Massachusetts Institute of Technology, attending radar school.

GORDON WOODS is the father of a son born on November 24, 1944. Gordon is a marine engineer at Kaiser Inc., Richmond, Calif.

1943

ENSIGN E. P. FLEISCHER is stationed at Massachusetts Institute of Technology, after four months at Harvard. When training is completed Ensign Fleischer will be qualified as a radar officer.

ENSIGN O. J. MEAD is serving as an instructor at Massachusetts Institute of Technology, Cambridge, Mass.

1944

ENSIGN WARREN KOTT has been assigned to duty in naval communications at Washington, D. C., but expects transfer to the Pacific area.

ENSIGN WM. P. BAIR was back on a 10-day leave to California to spend the holidays. He has been at Columbia Midshipman’s School (Prairie State), took sub-chaser training at Miami, then attended Cleveland Diesel School at General Motors plant. Ensign Bair will return to Chicago to be assigned to duty on a P.C.E.R. as chief engineering officer.

ENSIGN WILLIAM H. BOND, having had the same training as Ensign Bair, is to be assigned on a P.G.M., in Wisconsin.

ENSIGN WILLIS BUSSARD received his commission at Prairie State and is now at submarine school, New London, Conn.

ENSIGN BRUNO PILORZ also received his commission at Prairie State and is now at submarine school, New London, Conn.

ENSIGN WINFIELD HUGHES, commissioned at Prairie State, is assigned to a destroyer on the Atlantic.

ENSIGN CARL OLSON, commissioned at Prairie State, was on duty on a minesweeper. He is now at the sub-chaser school in Miami, Fla.

R. W. PROTZEN was married on December 8. He is associated with Standard Oil of California in their San Francisco office.