

ALUMNI NEWS

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The San Francisco Chapter meets weekly for lunch at the Fraternity Club, 345 Bush Street, on Mondays.

ROBERT BRUMFIELD WINS TEMPLIN AWARD

ROBERT C. Brumfield '40, Ph.D. '43 was recently designated recipient of the Templin Award by the American Society for Testing Materials. Established last year, the Templin award is given for the purpose of "stimulating research in the development of testing methods and apparatus, encouraging the presentation to the Society of papers describing new and useful testing procedures and apparatus, and recognizing meritorious efforts of this kind." The award consists of a cash prize of \$25 and a suitably engraved certificate.

Bob received his B.S. degree in 1940, his M.S. in mechanical engineering in 1941, and his Ph.D. in 1943. His thesis covered "A Method for Recording and Studying Crack Growth in the Corrosion Fatigue of Metals." Concentrating on corrosion fatigue research for several years, he was an instructor at the Institute, and later research and development engineer for the Aerojet Engineering Corporation, and also was affiliated with the Naval Ordnance Test Station in Pasadena.

BAY CITY ALUMNI MEET AT AUTUMN FUNCTIONS

Dick Folsom Talks at Dinner Meeting

TWENTY-SEVEN Tech alumni met at the "Holland House" in San Francisco for a dinner meeting on October 25. Dr. Dick Folsom '28 was the speaker of the evening. His connection with the American war effort started in the summer of 1940 and is still continuing.

Dr. Folsom's talk was most informal and concerned many of his personal experiences with submarines, landing vehicles and several other war developments. He presented some excellent colored movies of the "atom bomb" tests along with several reels on "alligators," fire control, wave action, and preliminary studies of the "Bikini" tests.

Alumni present were M. A. Baldwin, Sid Bamberger, P. H. Brown, P. H. Cate, Ronald Connelly, S. C. Dorman, Lou Erb, H. P. Henderson, L. P. Henderson, Maury Jones, R. P. Jones, Hilmer Larson, Robert Leo, Jules Mayer, Bill Moore, A. E. Myers, Homer Wellman, L. P. Stoker, Ted Vermeulen, and Walton Wickett.

Fall Dance Entertains 33 Couples

The Brazilian Room in the beautiful Berkeley Hills was the scene of the Autumn Dance on November 23. Thirty-three couples of the San Francisco Chapter danced to the excellent music furnished by Bert Scarborough '40 and his collection of fine records.

Ted Vermeulen '36 made all arrangements for refreshments of beer, coke, apple cider and crackers. About eleven o'clock plenty of hot coffee, ice cream and cake completed the refreshments of the evening.

Among those present were H. E. Baker '30, W. E. Brown '40, S. F. Bamberger '33, W. B. Dandliker '45, H. Deardorff '30, W. L. Dickey '31, G. L. Edwards, M. Edwards '26, R. G. Folsom '28, J. J. Halloran '35, J. C. Harper, A. J. Hazzard '30, E. S. Hill '34, M. T. Jones '26, J. Kohl '40, W. J. Johnson '35, J. F. Mayer '40, W. W. Moore '33, D. S. Nichols '28, H. M. O'Neil '34, K. J. Palmer '38, N. T. Patch, J. Perterson, D. J. Pompeo '26, W. D. Scarborough '40, E. W. Smith '24, L. P. Stoker, H. Wellman '30.

MUSSELMAN RELEASES QUARTERLY SPORTS

BULLETIN

ATHLETIC News Bulletin No. 55 has just been mailed out. The quarterly Bulletin has been sent to all men who have made varsity letters and to any others interested, since July 1933. Coming out in September, December, March and June, Coach Musselman's publication lists seasonal prospects and summaries, offers notes on other conference teams, and contains complete tabulations of Caltech and Conference athletic activities.

Coach Musselman advises that any interested persons may receive the Athletic News Bulletin by sending their name and address to the Athletic Office, C.I.T.

DUBRIDGE SPEAKS TO ALUMNI ASSOCIATION

WITH President DuBridge speaking on "Some Special Problems and Prospects" as the attraction of the evening, the December 10 meeting of the Southern California Chapter saw 207 Alumni present. Except for Alumni Seminars, this congregation at the Pasadena Athletic Club is believed to be the largest group of Caltech Alumni ever assembled.

President Allan L. Laws opened the meeting, discussed some projected activities of the Association for the coming year, and presented members of the Board of Directors. Dr. Rene Engel '33, former Tech geology instructor, was introduced. Dr. Engel has returned recently from the Philippines where he was interned in a Japanese prison camp during the war.

Allan Laws turned the meeting over to Fred Schell, program chairman, who introduced President DuBridge.

Dr. DuBridge considered first the Institute's financial picture. There is now an endowment of 17 million dollars and an estimated deficit for 1946-1947 of 200,000 dollars. However the anticipated settlement of estates totalling 5 million dollars in value will provide the needed revenue to overcome this deficit. Future necessities and plans include an increase in salaries totalling 250,000 dollars per year, which will require a 6.25 million dollar endowment. Expansion dictates the allotment of 500,000 dollars more per year, requiring an investment of 1.5 millions. Therefore the problem confronting the Institute is that of building up the endowment to about 40 million dollars. One way to secure part of the necessary income, Dr. DuBridge pointed out, is through the Institute Associates.

Associates of the California Institute, community leaders with a sincere interest in C.I.T., contribute 1,000 dollars per year toward the annual budget of the Institute. Simple arithmetic shows that each Associate represents an endowment of about 25,000 dollars to Caltech. In these days when large endowment gifts are possibly rare, the Institute may be increasingly dependent upon the Associates, the President said.

Projected new buildings and equipment for the engineering departments and in the field of nuclear physics are expected to entail 3.25 million dollars. One and one-half millions will be needed for the furthering of biochemical research.

For the students, a gymnasium and swimming pool are planned in Tournament Park, if this land is purchased from the City of Pasadena. In addition, further dormitories are needed, and a student union building of some sort is hoped for. As a part of this plan, the present student houses north of California street might be converted to graduate dormitories.

Dr. DuBridge stressed the importance of furthering Institute public relations in order to make Pasadenans aware of the part C.I.T. plays in the community life. The hoped-for expansion into Tournament Park is only one of the needed projects that requires the full cooperation of the people of the City of Pasadena.

Much impressed by student interest in fall athletics, the President said he believed Caltech should continue in its intercollegiate, intramural and interclass

sports program. "Sports" said Dr. DuBridge, "are an excellent way of consolidating the student body, as they create a common interest and spirit." He also praised the admirable attitude of the student body in supporting the Institute football team under the adverse conditions encountered in this year's schedule.

Leadership, in athletics, and in other fields is a much-desired trait in prospective students, said Dr. DuBridge. Besides entrance examination results, the personal qualities of applicants for admission should also be taken into account.

The Alumni can be a great help in this respect. Graduates living outside the Southern California area can become better acquainted with schools in their vicinity and provide a liaison between students and faculty of these schools and the Institute. Prospective students would profit by interviews with these men. Besides, Alumni in remote places could be of considerable assistance by administering entrance examinations.

President DuBridge concluded his talk with further consideration of membership in the Institute Associates. Representing a nucleus of capital investment, this group could very well include Alumni. Also, members of the Association could render great assistance to the Institute's program by talking to the President about men who, through their position in the community and interest in Caltech, might be considered prospective Associates.

The meeting closed with an open discussion in which the Alumni promised to aid Dr. DuBridge and the Institute to their fullest capacity.

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MISSING ADDRESSES

The residence, business or military addresses of the following graduates are unknown. If anyone reading this column could supply this information, it would be appreciated if they contact the Alumni Office. —Editor.

1900
Davidson, Leonard E.

1906
Norton, Frank E.

1911
Lewis, Stanley M.

1914
Newton, Walter L.

1915
Black, Harold A.
Call, Raymond

1916
Allen, Robert N.

1919
Ransom, John H.

1920
Goodhue, Elbridge A.

1922
Cox, Edwin P.
Gillies, Robert
Seivert, Giulio E.

1923
Merrill, Robert A.

1924
Freeman, Hugh B.
Gridley, Horace V.
Hastings, Robert C.
Honn, Harry T.
Miller, Palmer
Stoker, Lyman P.
Stone, George B.
Warren, Harry L.
Wolochow, David

1925
Aggeler, William F.
Byrne, Hugh J.
Greenlees, A. Lloyd
Hansen, Raymond J.
Hirano, Fred M.
Scott, Percival T.
Smith, Dwight O.
White, Ernest C.
Wilson, Keith M.

1926
Anissimoff, Constantin I.
Chang, Hung Yuan
Chase, Carl T.
Farman, Ivan L.
Foster, Alfred
Granger, Wayne E.
Huang, Jen Chieh
Kingsbury, William S.
Parker, Percy E.
Schabarum, Bruno R.
Sokoloff, Vadim M.
Wisegarver, Burnett B.
Yang, Kai Jin

1927
Gilliland, Ted R.
Marsland, John E.
Mesenkop, Louis H.
Peterson, Frank F.
St. Clair, Raymond E.
Sarno, Dante H.
Turner, Francis E.
Vaile, Robert B., Jr.
Warner, Arthur H.

1928
Chou, P'ei Yuan
Clark, Alexander
DeBroekert, Frederick W.
Graham, Thomas C.
Martin, Francis C.
Morgan, Stanley C.
Podolski, Boris
Ure, William
Wells, John C.
Wingfield, Baker

1929
Briggs, Thomas H.
Haeff, Andrew V.
Nelson, Julius
Olman, Samuel
Sandberg, Edward C.
Uyterhoeven, Willy
Van Beroldingen, Linton
Welton, Francis G.

1930
Chao, Chung Yao
Clark, John D.
Ellis, Eugene

Gates, Clinton E.
Hiyama, Thomas T.
Imus, Harry
Kinney, Edward E.
Mason, Harry S.
Michels, Walter C.
Richardson, Omar B.
Stapp, Frederick P.
Suzuki, Katsunoshin
White, Dudley
Wilkinson, Walter D., Jr.

1931
Anderson, Maynard M.
Biddle, Russell L.
Ho, Tseng Loh
Hoch, Winston C.
Murdock, DeWolf O.
Oaks, Robert M.
Ravitz, Sol F.
Webb, Glenn M.
Weise, Carl A.
Wenner, Ralph R.
Woo, Sho Chow
Yoshoka, Carl K.

1932
Breitwieser, C. J.
Gregory, Jackson, Jr.
Martin, R. S.
Rumbaugh, L. H.
Schroeder, L. D.
Webb, Robert W.
Welge, Henry
Wong, David Y.

1933
Applegate, Lindsay M.
Ayers, John K.
Bernstein, Theodore I.
Craig, Philip H.
Davis, Edwin N.
Hassler, Gerald L.
Herlin, Robert G.
Lewis, Charlton M.
Mendenhall, John D.
Michal, Edwin B.
Murdock, Keith
Rice, Winston H.
Schlechter, Arthur H.
Skaredoff, Nikolai
Skinner, Selby M.
Smith, Warren H.
Wilking, Arnold P.
Wolf, Alexander

1934
Campbell, James R.
Chawner, William D.
Cook, David E.

Gulick, Howard E.
Harshberger, John D.
Magden, John L.
McNaughton, Duncan A.
Sunderland, Robert C.
Vosseler, A. B.

1935
Antz, Hans M.
Beakley, Wallace M.
Ewing, Gordon R.
Genachte, Paul F.
Grimm, George, Jr.
Gross, Siegfried T.
Huang, Fun Chang
Huang, Hsia Chien
Joseph, Paul A.
Kitusda, Kaname
Koons, Harry M.
Maloney, Fred V.
Matthews, Elmo S.
McCoy, Howard M.
Miller, Eugene C.
Obatake, Tanemi
Pehoushek, Frederick
Portman, Herman G., Jr.
Scherb, Ivan V.
Sheppard, Dickson M.
Simmons, Norwood L., Jr.

1936
Fleming, Morton K., Jr.
Hartlein, Robert L.
Kurihara, Hisayuki
Nichols, Robert M.
Ohashi, George Y.
Onaka, Takeji
Schafer, Sidney
Stern, Benjamin
Strange, Hubert E.
Tan, Chia Chen
Uhrig, Leonard F.
Wood, Reuben E.
Wright, Frederick H.
Zimmerman, Don Z.

1937
Bennett, Foster C.
Berry, Frederick A., Jr.
Cheng, Ju Yung
Dykes, Christopher
Easton, Anthony
Feuer, Stanley I.
George, Jack W.
Gilmore, Hugh M.
Graul, Donald P.
Harris, Dale R.
Hemmendinger, Arthur
Miller, Nash

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PERSONALS

1929

MICKY O'HAVER has been appointed to the position of general supervisor for the Southern California Gas Company in dealer sales in Los Angeles.

LES SCOTT is the father of a new baby boy, Jan Christopher, born October 8.

1930

DEANE E. CARBERRY, commander in the U. S. Navy, is now stationed at Point Mugu, California, at the Naval Air Missile Test Center. Deane was head of the Aviation Facilities Construction Department at Washington, D. C. Prior to that he was officer in charge of construction of N.A.S. (Lighter than Air) in Richmond, Florida.

REA E. HOPPER is employed at Hughes Aircraft in Culver City, as chief engineer.

DR. GEORGE F. WISLICENUS is living in Toledo and employed by the Packard Motor Company.

1931

WALTER DICKEY is now a civil and structural engineer with Myron C. Gould Associates, San Francisco.

1933

SID BAMBERGER has opened an office for practice of architecture and structural engineering under the name of "Bamberger and Reid," San Francisco.

1934

FRANCIS W. WYATT reports on his activities: "The first of May, this year, I was appointed to the position of senior engineer in charge of engineering work for the light oil division at Standard's El Segundo Refinery. In this position I have twelve engineers under my supervision and the responsibility for all maintenance and construction engineering work for the light oil division. This position also includes duties

I formerly held as technical assistant in the same division as that position was eliminated."

1935

DR. CLIFFORD GARNER is assistant professor of chemistry at U.C.-L.A. where he will use the 38 inch cyclotron sent there from Berkeley for a series of experiments in nuclear chemistry.

HARRY M. KOONS, lost to the Alumni Association and associates for sometime is now in Los Angeles. He had been interned in the Philippine Islands during the war but is now back and working for his previous employer, Bechtel Bros. McCone, in the industrial building division.

C. W. LINDSAY resigned as assistant plant manager of the Maui Cannery at Kahului, T. H., to become superintendent of the Exchange Orange Products Company plant in Ontario, California. A part of the Sunkist Organization, this company processes oranges into juice, concentrate and other products.

1937

J. S. EDWARDS, JR., has left military service where he served as a first lieutenant in the Marine Corps. He is now living in Santa Barbara.

CARL E. LARSON who has been with the P. J. Walker Company since graduation has been superintendent throughout the construction of the new \$2,000,000 Bullock's store on South Lake Avenue in Pasadena.

1938

J. L. VELAZQUEZ was released to inactive duty from the Navy after two years service during which he was assigned as head of the airplane structural loads group in the Bureau of Aeronau-

1921

TRUMAN F. McCREA has returned to this country from China and plans to stay. He and an associate have formed the American Trading and Export Company in San Francisco.

1925

LEROY NEWCOMB is now chief mechanical engineer of Emsco Derrick and Equipment Company in Los Angeles.

1926

HAROLD F. HUGGINS is planning a vacation in the East during December. Harold is merchandise manager of the United Rexall Drug Company.

JOHN E. MICHELMORE was recently active on the California State Elks Association Scholarship Committee.

1927

ROLAND W. REYNOLDS has been released from the Army and is now working for the Los Angeles Air Pollution Control.

1928

RICHARD C. ARMSTRONG (AUSIEKER) M.D. has started a practice in the First Trust Building in Pasadena. Dick was a flight surgeon during the war, having the rank of captain in the Army Air Forces.

F. GUNNER GRAMATKY is the father of a baby girl born in October and named Mimi Elizabeth.

GEORGE HARNESS, formerly of the electrical engineering department of Columbia University, is now professor of electrical engineering at U. S. C. His family is here with him and they are living in Los Angeles.

EDWARD E. TUTTLE of the company Tuttle and Tuttle announces the removal of their law offices to larger quarters in the Title Guarantee Building in Los Angeles.

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tics in Washington, D. C., and served aboard the aircraft carrier U. S. S. Lake Champlain on a special mission. He is now a structural engineer with North American Aviation.

1939

LLOYD R. ZUMWALT has gone back to work in Oak Ridge, Tennessee.

1940

ROBERT S. NEISWANDER has moved from Pasadena to Niagara Falls, New York, after receiving an M.S. here in September. Bob has started work at Bell Aircraft as project engineer and pilot.

JEAN B. STEVENS will make the Navy a career. He is now taking graduate work in aeronautics on campus and living in Long Beach.

1941

ROY M. ACKER has returned to this area and is living in Burbank. Roy is back with his old employer, Lockheed, at the same rating of "A" draftsman.

1942

JACK D. STONE is working at Standard Oil at El Segundo as construction engineer. Jack took one year in aerology at U.C.L.A. under the Navy program after leaving Tech and was stationed in Hawaii about one year out

of his total of two and one-half years of service. He is married to a Chicago girl and they are living in Manhattan Beach.

HARRISON A. PRICE has been in Peru since June 1. At home he has a 10 pound baby boy, born October 9.

1943

ROBERT L. BENNETT has taken a position in the plant department of the Southern California Telephone Company where his duties involve maintenance of their motor vehicles.

1944

CHARLES G. ALMQUIST is working as an oilite bearing engineer with Almquist Bros. and Viets Company. Chuck says he has chosen powdered metal work because it is a relatively new field and is growing rapidly, replacing solid metal bearings and castings.

ENSIGN LOUIS G. DAMESON is stationed at the Bureau of Ships in connection with Operation Crossroads and will remain there until the first of the year. He is living in Washington, D. C.

ELMER S. HALL has moved from Riverdale, Maryland, to San Gabriel, California.

LT. (J.G.) FRANKLIN H. KNE-MEYER is living in Washington, D. C., and his station is located at Silver Springs, Maryland. He is technical as-

sistant and liaison to the officer in charge.

1945

PAUL R. CRAWFORD is employed by the W. F. Kilpatrick Company in Los Angeles.

STANLEY E. FARMER is in Portland, Oregon, working for the Willamette Iron and Steel Company.

JEROME HARRINGTON was discharged from active duty from the Navy in July. Jerry has recently purchased a home in Pasadena and he and his wife, Roberta, have been working vigorously with hammer and paint brush.

DONALD W. SINCLAIR has moved to Los Angeles where he is working for the Gilfillan Company.

CHESTER R. STONE is working as an analyst in the research laboratory of Northrop Aircraft. Chester's younger brother, GLENN, who attended Tech last semester has had to drop out of school this term because of an injured ankle but plans to return as soon as possible. He will be the third Stone brother to work for a degree here.

1946

STUART BATES is employed by the Southern California Gas Company.

RICHARD G. KUCH is working as an electronic engineer for Menasco, Inc., at Burbank.

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