

ALUMNI NEWS

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

ETA KAPPA NU HONORS THREE TECH GRADUATES

ETA KAPPA NU, national honorary electrical engineering society, gave recognition awards to three California Institute graduates at the annual mid-winter meeting of the American Institute of Electrical Engineers held in Pittsburgh last January. Usually made on a yearly basis, the recognition awards for work of distinction in the field of electrical engineering covered the period from 1942 through 1947, since annual dinners were not held during the war years.

Among the 21 men to receive this honor were Dr. John R. Pierce '33, M.S. '34, Ph.D. '36, now associated with Bell Telephone Laboratories in New York, who received the top award for 1942; Dr. G. D. McCann '34, M.S. '35, Ph.D. '39, professor of electrical engineering at C.I.T., who received honorable mention for the same year; and Dr. J. W. McRae, M.S. '34, Ph.D. '37, also with Bell Telephone Laboratories, who was accorded honorable mention for the year 1943.

These three honored graduates were students of Professor Royal W. Sorensen, who has been with the Institute's Electrical Engineering Department since 1911.

ALUMNI DINNER-DANCE MARCH 20

THE ALUMNI DINNER-DANCE will be held at the Oakmont Country Club in Montrose, on March 20 from 8:30 until midnight. The affair will be semi-formal, and music will be furnished by an organist during dinner and intermissions and by Hal Lomen's nine-piece orchestra and vocalist during the rest of the evening. Alumni may bring guests, and the Social Committee suggests that groups make up parties for dinner and arrive early enough to secure adequate tables.

The Oakmont Country Club is located on Country Club Drive, off Verdugo Road.

DUBRIDGE AT CALTECH CLUB DINNER, NEW YORK

DR. LEE A. DuBRIDGE was the guest speaker at the CalTech Club dinner held in January in New York City. President DuBridge reviewed the happenings at the Institute during the past year, and discussed plans for its continued growth during the years to come.

Also from New York comes news of the CalTech Club's dinner held last October which included after-dinner movies by William R. Hainsworth '18, vice-president of Servel, Inc., and producer of professional quality color films as a hobby; an informal talk on current economic problems by Leonard E. Read, president of the Foundation for Economic Education, and former general manager of the Los Angeles Chamber of Commerce (1939-1945).

ACS DESIGNATES A. R. KEMP '17 ONE OF COUNTRY'S 10 ABLEST RUBBER CHEMISTS



ARCHIE R. KEMP '17, M.S. '18, rubber technologist and insulation engineer at Bell Telephone Laboratories, has been designated one of the country's 10 ablest chemists in the field of rubber chemistry by his fellow experts in the American Chemical Society.

Mr. Kemp, a veteran of nearly 30 years with the Bell Laboratories, joined them in 1918 after receiving the first B.S. degree in Chemistry given by Throop Polytechnic, C.I.T.'s predecessor. He received his M.S. from Throop after a year's work as a teaching fellow, during which time he also assisted Dr. A. A. Noyes, who was engaged in studies of qualitative analysis. Kemp also worked with Dr. Noyes in 1918 on studies of incendiary bombs for the first World War.

In 1922-1923 Kemp was supervising engineer at the Western Electric factory in Hawthorne during the manufacture of the San Pedro-Catalina cables and was in charge of some phases of laying the cables in May 1923.

During nearly all of his time with the Bell Labora-

ories, Kemp has been concerned with organic research on rubber and other insulating materials. Among his many contributions is the development of paragutta, a special type of rubber insulation, which he introduced into European factories in 1929 and 1930. He was also responsible for the development of the pressure equalizer material used on the first and succeeding high speed permalloy loaded submarine telegraph cables, the first of which was laid by the Western Union between New York and the Azores in 1924. In recent years, Kemp has been especially active in the development of synthetic rubber compounds, and was responsible for the introduction of synthetic rubber in the Bell System networks.

Kemp is a member of numerous scientific organizations, among them the AAAS, New York Academy of Science, and the ACS. He has published 48 articles in the fields of organic and analytic chemistry, rubber science and technology, and electrical insulating materials. Kemp has also been issued more than 40 patents.

With the Board

JOSEPH J. PETERSON '37, in charge of social affairs, reported at the January meeting that the annual dinner-dance would be held at the Oakmont Country Club on March 20, 1948. The Oakmont Club has been rebuilt following the fire of about two years ago, so once again we can enjoy dinner and dancing where so many pleasantly remembered dances have been held. Joe said, although he hadn't decided on the exact amount, that he expected tickets to be a little less than four dollars each.

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Edward D. Lownes '24, who is handling chapter relations, told the Board at the January meeting of the projected visits in April of L. W. Jones, Institute Dean of Admissions, in a number of eastern cities. These visits will be made in the course of Dean Jones' annual trip in connection with the selection of Institute students. Ed Lownes planned to notify all groups in cities included in Jones' itinerary of the expected visits, as he had expressed willingness to meet with alumni along his route. The Association has aided Dean Jones in his admissions work in other years and assured him of any aid possible in connection with the 1948 work. Any eastern groups wishing Jones to meet with them should write directly to him to make their arrangements.

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Membership, in exceeding 2000, has passed a new milestone and for this reason we feel that it is again worth mentioning. In January 1947 our membership was 1508 annual and 350 life members: This January it was 1629 annual and 378 life members, a growth of 149.

One of the consequences of the growth is, of course, more office work. Address changes are more numerous; (they run as high as 50 per day now), every group mailing takes more time, more individual correspond-

ence is handled. As staff services have to be added in discreet steps, we must run behind in our service quite a bit before we can justify further assistance. At present we are almost to the point where additional office force must be added. But once the services are increased we can handle many more members and do a better job all around. So if membership keeps growing, the Association can do a more efficient job for all.

But, unless considerable more growth is experienced, it is conceivable that dues must be increased. This will be studied by the Board in the near future.

—H. K. F.

Life Insurance

Annuities

LYLE H. CHENEY

New York Life Insurance Company

RYan 1-6191
SYcamore 2-7141

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Pasadena 1, Calif.

Silverplating — Electroformed Nickel and Copper

BONE ENGINEERING CORP.

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CHapman 5-2638
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