

# ALUMNI NEWS

## ALUMNI ASSOCIATION OFFICERS

<b>PRESIDENT</b> W. M. Jacobs '28	<b>SECRETARY</b> D. S. Clark '29
<b>VICE-PRESIDENT</b> H. B. Lewis '23	<b>TREASURER</b> H. R. Freeman '25
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J. R. Bradburn '32	J. W. Lewis '41
E. R. Hoge '18	W. B. Miller '37
A. L. Laws '26	F. T. Schell '27
W. D. Sellers '25	

## ALUMNI CHAPTER OFFICERS

### New York Chapter:

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<b>SECRETARY-TREASURER</b> Otis Elevator Co., 260 Eleventh Ave., New York 1, N. Y.	Richard T. Brice '37 CH 4-8000

### San Francisco Chapter:

<b>PRESIDENT</b> 2226 McGee Avenue, Berkeley 3 University of California Chemistry Department	Ted Vermeulen '36 THornwall 3-3475 ASherry 3-6000 E
<b>VICE-PRESIDENT</b> 1431 Park Blvd., San Mateo Standard of California	Robert P. Jones '35 San Mateo 3-7634 SUtter 7700
<b>SECRETARY-TREASURER</b> 936 Filmore Street, Albany 6 Electro-Engineering Works, Oakland	James J. Halloran '35 LAnscape 5-0791 OLympic 3-1588

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

## E. E. GRADUATE HEADS STANFORD'S RESEARCH INSTITUTE

**N**EW DIRECTOR of the Stanford Research Institute is Dr. J. E. Hobson '35, who came to this post March 1 from the Armour Research Foundation, where he has been since 1944. The Stanford Research Institute is the first industrial research institute in the West, offering research in engineering, chemistry, biology, physics, and mathematics, and industrial and social sciences.

Dr. Hobson came to C.I.T. after receiving his B.S. and M.S. degrees from Purdue University in 1932 and 1933. His Ph.D. in 1935 was conferred Magna Cum Laude.

Following his doctoral work at the Institute, Hobson spent two years as an instructor in electrical engineering at Armour Institute of Technology, then became central station engineer with Westinghouse. During four years with Westinghouse, he was also lecturer in electrical engineering at the University of Pittsburgh, from which institution he joined the Illinois Institute of Technology faculty as director of the department of electrical engineering.

In 1940, during his employment with Westinghouse, Dr. Hobson received the Eta Kappa Nu award as "the outstanding young electrical engineer in the United States".

## YOUR 1948 NOMINATIONS

In accordance with Section 3.04 of the By-Laws of the Association, the Directors met as a nominating committee on February 16, 1948. Five vacancies will occur on the Board at the end of the current fiscal year, one vacancy to be filled from the present Board and four to be elected by the Association. The present members of the Board and the year in which their term of office expires, follow:

J. R. Bradburn '32	1948	J. W. Lewis '41	1949
E. R. Hoge '18	1949	W. B. Miller '37	1949
W. M. Jacobs '28	1948	F. T. Schell '27	1948
A. L. Laws '26	1948	W. D. Sellers '25	1949
H. B. Lewis '23	1948		

The four members of the Association nominated by the Directors are:

Nicholas A. D'Arcy Jr. '28	Ruben F. Mettler '44
Robert M. Lehman '31	George K. Whitworth '20

In accordance with Section 3.04 of the By-Laws of the Association: "... Additional nominations may be made by petitions signed by at least ten (10) regular members in good standing, provided that the petitions must be received by the Secretary not later than April fifteenth."

Statements about the nominees of the Directors are presented in this issue of Engineering and Science.

D. S. CLARK, Secretary

### Nicholas A. D'Arcy Jr.



**N**icholas A. D'Arcy Jr. '28, headed the committee which arranged the 1947 Alumni Seminar. As an undergraduate, D'Arcy was editor of the Big T, president of the Student Chapter of A.S.C.E., and a member of the varsity football team. Since 1928 he has been in engineering sales work, starting, in February 1947, his own organization which represents

Fawick Airflex Company, Inc., Torcon Corporation, Foster Cathead Company, and Hercules Filter Company.

D'Arcy has contributed two articles to *Engineering & Science*, and is also a frequent contributor to national petroleum trade periodicals. A member of A.P.I., A.I.M.E., and A.S.M.E., he has presented several papers before these organizations on oil field equipment and his specialties of hydraulic drives and friction clutches. D'Arcy has also served for the past two years as chairman of the Student Awards and Student Relations Committee of A.I.M.E.

### Robert M. Lehman

**R**obert M. Lehman '31, served, as an undergraduate, as Freshman Basketball manager, Sophomore Class president, Junior Board of Control member, and Student Body president during his senior year. He was also chairman of the committee which made an extensive study of student housing and living conditions on other campuses and which in turn made recommendations that were accepted as a basis for use in CalTech's student houses. After



graduation, Lehman spent two years as resident manager of the Old Dorm.

Last fall, he was successful in obtaining a zoning variance from the City so that the Earhart Laboratory could be built. Lehman, and assistants whom he paid out of his own pocket, obtained approval of property owners in the general area of the laboratory location by securing signatures on a petition. These petitions formed the basis upon which the entire Institute presentation was made to the Zoning Committee.

Lehman has been engaged in the wholesale bakery business since graduation, producing packaged merchandise under the trade-name, Cake Box Products.

#### Ruben F. Mettler



Ruben F. Mettler entered CalTech with the Navy in 1943 after two years at Stanford University, and graduated in 1944 with a B.S. in Electrical Engineering. After graduation, Mettler attended Midshipman's School at the Prairie State, Columbia University, and was commissioned at the top of a class of 400. He also won the New York Yacht

Club award as "Outstanding Midshipman". Mettler next went to the M.I.T. Radar School and later served on destroyers in the Pacific area as a trouble-shooter for the Naval Research Laboratory, also working on target ship instrumentation for both Bikini tests.

After his discharge, Mettler returned to CalTech and received an M.S. in Electrical Engineering. Subsequently, he worked on electronic logging problems for the Halliburton Oil Well Cementing Company, and on missile guidance problems for North American Aviation, Inc.

Mettler is now back at the Institute working toward his Ph.D. in Electrical Engineering, and is teaching

assistant in Applied Mechanics, resident associate of Ricketts House, and consultant to North American Aviation, Inc., on missile guidance problems. He is also actively participating in the current Alumni Fund drive.

#### George K. Whitworth

GEORGE K. WHITWORTH '20, is known to more recent alumni through last December's meeting of the Association in Pasadena, for which he handled all arrangements. A 1922 graduate in Electrical Engineering from the University of California at Berkeley, Whitworth attended the Institute (then Throop College) in 1916, but left in 1917 to enlist in the Army. Following World War I, he completed his college work at U.C. and took up the study of law, receiving the degree of Doctor of Jurisprudence from the University in 1924.

Whitworth practiced law in San Francisco from 1925 to 1940, serving for a time as deputy clerk of the State Supreme Court, and as city attorney of Menlo Park from 1927 to 1934. In 1940 he returned to Southern California and since that time has been a deputy city attorney of the City of Los Angeles with the Department of Water and Power. In 1940-41 he assisted in the renegotiation and drafting of contracts with the government relating to the generation and distribution of Boulder Dam power.

During World War II, he served as a member of the Selective Service Board of Appeals for the Southern California area, also as chairman of the Los Angeles Bar Association's Committee on War Council Induction Program and as chairman of the State Bar's Southern Advisory Committee on War Work.



### THE FUND PROGRAM IS NOW YOURS

AS THIS IS being written, letters are going forward, as rapidly as the class chairmen can handle them, to all alumni, announcing the Fund Program and appealing for contributions. The CalTech Alumni Fund Program is now a reality!

Actually, work on this Program has been under way for nearly two years. Director Howard Lewis '23, was chairman of a Fund Study Committee during the '46-'47 Association year. Their investigation was thorough; their proposals sound. You have heard their progress reports at Association meetings, and you have read previous fund articles in this publication. Then at the Annual Banquet last June the first group of contributions was handed to Dr. DuBridge, even though the Program was still in a formulative stage.

This Association year, Howard Lewis, now vice-president as well as director, has continued to head the organization of "The Fund". Working with him has been Director Joe Lewis '41 (no relation to Howard), who was chosen chairman of the Fund Committee following an important Fund organization meeting last fall, attended by Institute Trustee

and Faculty representatives, class secretaries, and Association officers and directors. That Committee has prepared the appeal which is now being mailed.

This much is history. Now, the Program officially begins to live. The letters which will reach you will include an excellent illustrated statement on the Fund: its nature, purpose, and the reasons why every alumnus should support it. Little would be served by an attempt to restate portions of that here. I can do no less, however, than to urge serious study of the letter and statement, and immediate action by each alumnus. Our Association is now mature, and this is its biggest project. It must succeed.

The time and effort invested in the development of this program by the two Lewises and their committeemen is prodigious; and their work will continue. The Association will long be in their debt. But the success of this well-conceived plan, having a new gymnasium as a goal, is up to the individual alumni. The Fund Program is now yours!

W. M. Jacobs '28

President, CalTech Alumni Association