**ALUMNI NEWS**

**ALUMNI ASSOCIATION OFFICERS**

President: A. L. Lewis '26
Secretary: D. S. Clark '29
Vice-President: W. M. Jacobs '28
Treasurer: W. R. Freeman '25
Board of Directors:

P. T. Schell '27
C. E. Friend '38
H. B. Lewis '25
C. W. Varney Jr. '22

**ALUMNI CHAPTER OFFICERS**

New York Chapter:

President: Evan Johnson '38
909 Madison Ave., New York 21, N.Y., Tel. BLue 4-6116
Vice-President: H. E. Mendenhall '23
3 Oakridge Avenue, Summit, N. J.
Secretary-Treasurer: Richard Pond '39
174 North 19th Street, East Orange, N. J.
Tel. OR 4-2164

San Francisco Chapter:

President: Maurice Jones '26
908 Curtis Street, Berkeley 6, California, Tel. THorne-2893
Bechtel-McComn Brothers
Tel. DOuglas 4032
Vice-President: Ted Vermeulen '36
2226 McGee Avenue, Berkeley 3, California
Shell Development Company
Tel. EXbrook 3400
Secretary-Treasurer: Robert P. Jones '35
1431 Park Blvd., San Mateo, California, Tel. San Mateo 3-7644
Standard of California
Tel. SUtter 7900

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

**KENNETH S. PITZER '35 DOING GASOLINE RESEARCH**

D. R. KENNETH S. Pitzer '35, chemist at the University of California, is working on a method by which he may be able to produce 140 octane gasoline. He has already increased the octane rating by passing hexane over solid aluminum chloride, but in order to accomplish a permanent change, he must alter the other parts of petroleum. He is attacking the problem at present by passing gasoline over liquid hydrogen and cooling it to 400 degrees below zero, F.

**ROY E. MARQUARDT '40 OUTLINES RAM-JET PROGRESS FOR A.S.M.E.**

Speaking to a student-sponsored meeting of the Aviation Division of the Southern California Section of the American Society of Mechanical Engineers on the U.S.C. campus early in December, Roy E. Marquardt '40 outlined the progress that has been made in this country on ram jet propulsion. Roy is president of Marquardt Aircraft Company, Santa Monica, and during the war was in charge of the Navy Jet Propulsion Research Program at U.S.C., of which he is now consulting engineer.

**ALUMNI SEMINAR DATE SET**

THE TENTH Annual Alumni Seminar has been scheduled for Saturday, April 26. To be held at the Institute from 9 A.M. to 4:30 P.M., the yearly program under the direction of Chairman Nicholas D'Arcy '28 will feature talks by representatives of biology, the humanities, geology; of civil, mechanical and electrical engineering. Institute public relations will also be discussed.


Mr. George H. Hall, administrative assistant to President DuBridge, will explain the Institute's public relations program.

**BAY AREA ALUMNI TO HEAR DUBRIDGE**

PRESIDENT Lee A. DuBridge will speak to the San Francisco Chapter of the Alumni Association on Friday, March 7, 1947. This will be the first chance Northern California Alumni have had to hear the new president. Dr. DuBridge spoke to the New York Chapter in September on the changes taking place at the Institute.

Graduates who have been away from Caltech for some time will be given the opportunity of meeting Dr. DuBridge and of learning some of the new plans for the future of the California Institute at this March stag meeting.

The meeting will be held at the El Curtol Restaurant, 510 Seventeenth Street in Oakland, between San Pablo and Telegraph Avenues, opposite the Roxie Theater. Dinner, costing $2.50 including all expenses, will be served at 6:45 P.M. The upstairs dining room will be open early for pre-dinner mingling.

Double postal cards will be sent out to Bay Area Alumni late this month for reservations. Alumni who have not received notification through omission from the membership list, or who plan to visit in the bay area on March 7, should contact Robert P. Jones '35, secretary of the San Francisco Chapter, 1431 Park Boulevard, San Mateo.

**ARMY AND NAVY ACADEMY**

**"WHERE THE CAMPUSS MEETS THE SURF"**

If you are interested in a school of distinction for your son, investigate this fully accredited military academy—one of the West's oldest. Successful guidance program. The only school in the West located on the ocean.

For Catalogue: Box ES Army and Navy Academy, Carlsbad, Calif.
ROBERT COX '40 SAILS TO FLORIDA

T RAVELING from New York to Fort Lauderdale in his floating home-and-office, Robert Cox '40 has established winter headquarters in Florida waters for his new enterprise, Cox Industries, in which he serves as consulting engineer specializing in small gasoline engines and engineering for yachtmen. Bob was formerly chief engineer and sales manager for Atlas Aircraft Products Corporation.

The trip down the inland waterway along the Atlantic Coast was filled with adventures. Bob was accompanied by his wife, Cathleen, and one crewman. The voyage began early in November, their 83-foot motor sailer, Ungava, loaded to the limit with parts of old cars, boats and engines, tools, and on the back deck the Cox's Mercedes Benz automobile.

According to their account, first night at sea was spent bumping against the municipal wharf at the Battery while the mast lights were being rigged. The second day they ran aground twice in the harbor at Atlantic City but continued the next day to Cape May and then through canals and up the Delaware to Chesapeake City. Originally intending to go on to Annapolis, a thick fog changed their plans and they headed for Baltimore, moving blindfold until they were stopped by Pratt Street, two blocks from the center of the city.

The party spent a week at Bellhaven and were impressed with the hospitality of the local people who brought them home-cooked dishes and invited them to their homes. At Morehead City they attempted to maneuver into a recently-dredged yacht basin recommended to them by a Marine major. After scraping bottom three times they gave up and headed for the City, became involved in strong currents, could not find the red guide light in the channels and went aground again.

Invited to an oyster roast at Beaufort, S.C., the trio could find no available dock space for the Ungava, finally began to pull in and tie up alongside a fishing boat when the engine quit. "Ahead of us was a long bridge, the current was running at seven miles and there we were, helpless! We . . . were aiming straight for the bridge. We hit and hard . . . the whole bridge swayed way over ... we broke through the wooden cross pieces and stopped. A few little gouges were our worst damages. We didn't discuss the bridge with anyone there." After futile attempts by a fishing boat to pull the bow off and the tide rising and threatening to cave in the deckhouse against the overhanging members of the bridge, "Herman came to the rescue . . . Some kind soul had raced wildly across the river to Herman's fishing boat and he came full blast while all the townspeople assured us we had no further worries: 'Herman is coming!' We gave him a rope and off he went. We heeled way over and off we came—it was terrific! Incidentally it rained and the oyster roast was off!"

They went down on the Georgia coast past Savannah, St. Simon and Brunswick to Mayport, Florida, on the St. John's River. From here the party ventured onto the high seas into what the Coastguard called "Moderate Southeast Winds." The Ungava began "rolling from rail to rail, plunging up and down and the water was coming over the deckhouse in sheets. We knew the boat was safe enough but wondered what the insurance company was going to say if we reported the Mercedes Benz 'lost at sea.'

"We staggered into Fort Pierce about 7:00 that night tired and hungry. The boat was a shambles—everything including heavy filing cases fell over, the refrigerator was filled with a sour mess of milk, coke and French salad dressing with pulverized glass."

Bob spent the following day (his birthday and Thanksgiving) cleaning and repairing the boat's generator and the voyage eventually came to an end in Port Everglades, nearest available parking place for 83-foot sailboats.

Incidentally, a full-color picture of the Ungava in her prewar state is featured on the cover of the December issue of Yachting magazine.

T. D. YENSEN '27 LECTURING ON SCANDINAVIA

T. D. YENSEN '27, manager of Westinghouse magnetics department in East Pittsburgh, Pennsylvania, spent a month in Europe last summer surveying the magnetic materials field. Since his return he has given a broadcast and several illustrated lectures on "Postwar Reconstruction in Norway," "The High Standard of Living in Sweden," and "The Russian Menace to Peace in Scandinavia—A Myth or an Actuality." He presented four more lectures in January.

In addition to his chief occupation with magnetic research, from which he expects to retire in 1950,
he is chairman of the Technical Committee of the
United Smoke Council which is working on methods
of smoke elimination to be extended throughout Al-
legehny County during the next year. Through the
Allegheny Civic Club, he also is actively engaged in
projects concerning stream pollution and pure water
supply. He is section chief of the National Ski Patrol
and Wilderness Patrol in the Allegheny Mountains
and serves as chairman of the finance committee of
the Unitarian Church.

FRANK STRIGHTOFF '40 BACK AT LILLY

SINCE his graduation from California Institute in
1940, Frank Streightoff has acquired further edu-
cation, two jobs, a discharge button and four new depen-
dents. With his B.S. in biology in hand, Frank
Streightoff entered the University of Chicago where
he studied biology and pathology for one year. In
November, 1941, he joined the firm of Eli Lilly and
Company, pharmaceutical manufacturers, where he
was employed in the Biological Research Department.
In May, 1942, Streightoff entered the Army as a
food nutrition technician. Shortly after his entrance
into service, Frank married Ann Mitchell of Indian-
apolis. Streightoff served the Army until December,
1945, when he was discharged from the Vitamin Ret-
ention Laboratory he had set up for the Army in
Washington, D.C.

Mr. Streightoff is the father of two daughters and
a very young son. He has reentered the employ of the
Lilly company in Indianapolis.

PERSONALS

1921

HAROLD O. FLETCHER has left
Pasadena to take up residence at Lonley
Valley Ranch, Saugus, California.

1924

WILLIAM C. DREYER is employed
as manager of the Engineering and Ser-
vice Department of the Houston, Texas
branch of the Westinghouse Electric
Corporation.

1925

DWIGHT O. SMITH, whose where-
abouts have been unknown to the Alum-
ni Association for sometime, is with the
American Baptist Mission in Rangoon,
Burma. Mrs. Smith is living in Redlands,
California at present.

1927

RICHARD M. DODGE has recently
moved to San Gabriel, California.

The resignation of JOHN H. MAX-
SON, Ph.D. '31, assistant professor of
geology, has been accepted effective 1
July 1947. Dr. Masson will take a posi-
tion in the petroleum industry.

1929

ROLAND W. REYNOLDS is now
living in Long Beach, California.

1932

WILLIAM BERGREN, Ph.D. in biol-
ogy '41, is employed by U. S. C. as a
research assistant working on nutrition at
their Monrovia Clinic. He also main-
tains a consulting practice on the side.

1933

WILLIAM W. MOORE has been
elected president of the Structural En-
gineers Association of Northern Cali-
ifornia. He is a member of the en-
gineering firm of James & Moore.

LOUIS A. PIPES, M.S. '34 and
Ph.D. in electrical engineering '36, has
eventually published a book APPLICATIONS OF
Mathematics for Engineers and Physicists, pub-
ished by McGraw-Hill Book Company
Inc. of New York. Mr. Pipes, now in
the Research and Electronics Division,
Hughes Aircraft Company, was former-
ly assistant professor of engineering
sciences and applied physics at Harvard
University where the material in the
book has been used in the Graduate
School of Engineering during the past
five years.

1934

JAMES R. CAMPBELL is employed
with the Paul Henry Company of Los
Angeles.

PAUL KARTZKE has been transfer-
ted to Bakersfield, California as divi-
sion manager for Shell Oil Company.

ARZA F. PORTER has taken a posi-
tion in the Design Department of the
C. F. Braun Company of Alhambra,
California.

ALFRED I. SWITZER has returned to
his prewar position in the U. S. En-
gineer Office in Los Angeles as assistant
chief of the Civil Works Branch, Engi-
neering Division. During the war he
held the rank of major in the Corps of
Engineers. From March, 1943, to June,
1946, he was in the Philippine Islands
as chief of the Engineering Division of
the General Engineer District, which was
charged with all non-tactical military
construction and with reconstruction of
the major cities in the Islands.