

ALUMNI NEWS

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ALUMNI CHAPTER OFFICERS

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Shell Development Company	Tel. EXbrook 5400
SECRETARY-TREASURER 1431 Park Blvd., San Mateo, California, Tel. San Mateo 3-7634	Robert P. Jones '35
Standard of California	Tel. SUtter 7700

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

C.I.T. GRADUATES PROMINENT AT A.I.M.E. TECHNICAL SESSION

SEVERAL C.I.T. graduates aided in the presentation of a technical sessions program of the A.I.M.E.'s Petroleum Division in Los Angeles, late in October.

Norris Johnston, Ph.D. '30, of the General Petroleum Corporation, was on the Technical Sessions Program Committee, and presided at an afternoon meeting.

Nicholas D'Arcy '28, of the Charles W. Carter Company, spoke on **Hydraulic Drives in the Oil Fields**. Dr. B. H. Sage, M.S. '31, Ph.D. '34, professor of chemical engineering at the Institute, with Robert H. Olds '38, M.S. '39, research assistant in chemistry, considered the **Volumetric Behavior of Oil and Gas from Several San Joaquin Valley Fields**. E. V. Watts '36, of General Petroleum, presented **Some Aspects of High Pressures in the D-7 Zone of the Ventura Field**.

Past president of the Southern California Section of the A.I.M.E., Harvey S. Mudd, who is also vice president of the Institute Board of Trustees and an Associate, addressed the annual banquet of the Southern California Section of the A.I.M.E. at the close of the two-day program on **Recent Observations in Europe and Cyprus**.

ALUMNI DANCE IN FEBRUARY

THE twelfth Annual Alumni Dance and Buffet Dinner is planned for the night of Saturday, February 15, at the Pasadena Athletic Club, corner of Los Robles and Green Street. Hal Loman and his orchestra will play for the dancing, beginning at 9:00, the buffet opens at 8:30, and the cocktail lounge will be open all evening.

Alumni are cordially invited and are welcome to make up a party of friends, alumni or not, to enjoy the affair. Dress will be informal and the ticket price, which includes everything, is seven dollars per couple. Accommodations are limited, however, and it is advisable to make reservations as early as possible. The final date for ordering tickets is February 12, and no refunds can be made for cancellations turned in after February 13. No tickets will be sold at the Club.

ALBERT CHAPMAN '25 RECOMMENDS VENEZUELA

ALBERT Chapman '25, who is with the Creole Petroleum Corporation at Maracaibo, Venezuela, writes:

"After I returned from overseas I ran into Hans Kramer, our old PMS&T back in '21-'23. Now a B.G. and had just been assigned to the Mississippi River Commission (He has since resigned and is with Sverdrup in Kansas City, specializing in hydraulics consulting.)

"I returned to civilian life just a year ago, and with my wife, took a six week drive from Washington, D.C. (my last station) to our home in Texas, traveling up through Portland Maine, Niagara Falls, New York, Detroit, Indianapolis, Tulsa, Dallas and Houston. In Niagara Falls I ran into that red-headed piano player, Paul Noll, '25. We had dinner together and after dinner Paul demonstrated that his fingers had lost none of their old touch, playing duets with my wife on the Niagara Hotel piano.

"While overseas in Eritrea and Egypt I ran into Paul Jones '36, when he was on a construction job there. My own overseas assignment was area engineer in Egypt, Eritrea, and later was commanding officer, Suez Canal Ports, in charge of all U.S. Army operations along the canal. I came back after 31 months, as a lieutenant colonel and with a Legion of Merit. I was then assigned as chief, Mechanical and Electrical Branch, Research and Development Office, Chief of Engineers, Washington, where I stayed until I went on civvy street.

"I am now with Creole Petroleum Corporation, part of the Standard Oil Company of New Jersey family. I am rated as senior engineer and am in the division engineer's office in Maracaibo. The work is interesting and the climate grand. Summers are far milder than either Texas or Egyptian summers. The thermometer did not go above 95 degrees all summer, which I'll bet is more than sunny California can say! This is a good outfit to be with and I can heartily recommend it and foreign work to any Tech man.

"We are planning to come out to Pasadena in June, 1950 for the 25th anniversary of the graduation of the class of '25. From what I hear, Tech has changed a lot since then!"

ALUMNI ASSOCIATION FISCAL REPORT

In concurrence with a resolution of the Alumni Association Board of Directors the following fiscal reports are published covering the activities of the

Association during the fiscal year ending June 30, 1946.

BALANCE SHEET — JUNE 30, 1946

<u>Assets</u>		<u>Liabilities</u>	
Cash in bank and on hand	\$ 6,034.77	Accounts payable	\$ 2,438.75
Investments:		Deferred credits to income:	
¹ California Institute of Technology Trust:		Dues paid in advance	\$ 2,576.75
Life membership funds	\$15,893.59	Subscriptions to E & S Monthly	518.50
General funds	831.79		3,095.25
	\$16,725.38	Reserve for life memberships:	
United States Treasury bonds	222.00	Fully paid memberships (321)	16,050.00
	16,947.38	Partly paid memberships (86)	1,831.94
Furniture and fixtures (net)	221.04		17,881.94
Postage deposits	103.39	<u>TOTAL LIABILITIES</u>	<u>\$23,415.94</u>
	<u>TOTAL ASSETS</u>	<u>Capital</u>	
	<u>\$23,306.58</u>	Surplus, July 1, 1945	\$1,416.03
		Less excess of expenses over income for year	1,525.39
		Deficit, June 30, 1946	(109.36)
		<u>TOTAL LIABILITIES AND CAPITAL</u>	<u>\$23,306.58</u>

¹ California Institute of Technology Trust is an irrevocable trust. Funds invested therein share proportionately with Institute funds in income which is distributed annually. How-

ever, the investment principal cannot be withdrawn from the trust.

STATEMENT OF INCOME AND EXPENSE YEAR ENDED JUNE 30, 1946

<u>Income</u>		
Annual dues		\$3,226.85
¹ Interest		---
² Capital gain		108.94
Other income		29.11
		\$3,364.95
<u>Expenses</u>		
Administration	\$1,403.40	
² Social	(19.59)	
³ Seminar	(338.38)	
Membership	266.70	
Placement	250.00	
Chapters	73.00	
³ Assistance to Associated Student Body	195.54	
E & S Monthly	\$3,823.27	
Less subscription income	763.65	3,059.62
		\$4,890.29
Total Expenses		\$4,890.29
Deficit		(<u>\$1,525.39</u>)

1 Interest on funds invested in California Institute of Technology Trust. Due to a change in accounting methods during the year, interest is not taken into income until received. This statement therefore does not reflect \$672.60 interest earned but not received until the succeeding fiscal year.

2 A proportionate share of capital gains made on California Institute of Technology Trust portfolio.

3 Underwriting portion of costs of publication of the California Tech and the Big T.

Amounts shown are net. Brackets represent deficit or an excess of receipts over disbursements.

BUDGET YEAR ENDING JUNE 30, 1947

<u>Income</u>		
Dues		
Members to 9/30/46 — Annual	1,378	
Life	346	
Total	1,724	
Dues rec'd to date		\$5,111.25
Assume 1,800 total—means		
76 additional @ \$4.00		304.00
Total available dues		5,415.25
Less 1,800 @ \$2.00 reserved for E & S		3,600.00
Net income from dues		1,815.25
Interest on Trust funds—4.3% per Mr. Nash		672.60
Share of Capital gains of Trust fund per Mr. Nash		72.45
Miscellaneous income—addressograph		725.00
Total		\$3,310.30
<u>Expense</u>		
	Actual 1945-46	1946-47
Administration	\$1,857.75	\$2,050.00
Social	(108.48)	---
Seminar	(345.86)	---
Membership	209.12	250.00
Placement	250.00	250.00
Chapters	73.00	100.00
Assistance to Asso. Student Body	195.54	200.00
Fund Committee		250.00
Total		\$3,100.00
Est. Surplus		\$ 210.30

The outstanding feature of the above income report is the substantial net loss, resulting primarily from increased costs of publication of **Engineering and Science Monthly**. The net cost of publication of the magazine rose from \$1340 the preceding year to a figure of \$3060, a sharp advance of \$1720 or about 128 per cent. This was due to a combination of unfavorable circumstances including marked increases in the cost of paper, printing, and engraving and some decline in advertising revenue.

The serious problem posed by this situation also showed up in the June 30 balance sheet, with an indicated deficit of \$109.

In attempting to put these activities on a sounder financial basis for future years a series of conferences and committee meetings were held. It was definitely established that all expenses except for magazine were at an irreducible minimum; that the magazine was such a vital part of Alumni and Institute activities that every effort should be exerted to continue it on the existing basis; with all operating costs rising, some increase in dues was almost an essential move. A program was then worked out involving the following steps:

a) Alumni Association annual dues and charges for life memberships were increased to put them more in line with those of other schools.

b) The arrangement whereby the business affairs and publication details of **Engineering and Science** had been handled by an outside agency since the fall of 1943 was terminated, and all activities were again consolidated in the Alumni office under supervision of a salaried managing editor.

c) The Institute administration, recognizing the value of the magazine in its public relations program, agreed under certain conditions to underwrite deficits sustained by the magazine during the current fiscal year.

To date this latter step does not appear to be necessary.

Aside from the above financial difficulties the Association enjoyed another progressive year. The usual number of dinner and social meetings were held, the Alumni Seminar was enjoyed by a large group of interested Alumni and guests, and an innovation in the form of a Theatre Party at the Pasadena Playhouse rounded out a very successful year for the social and program committees. Membership continued to increase, and the end of the year saw the following tally as compared with the previous year:

	June 30 1946	June 30 1945
Annual Members	1412	1256
Fully Paid Life Members	321	257
Total	1733	1513

Plans were made at the end of the year to assist in the welcoming of the new Institute president, Dr. DuBridge; and the Association has signified its intention and desire to cooperate with the new administration in furthering the work of the Institute. The mutual advantages of such cooperation are very strongly felt by both groups.

(Signed) Charles W. Varney, President 1945-46
Allen L. Laws, President 1946-47

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.

1937

Murphy, Joseph N.
Nojima, Noble
Odell, Raymond H.
Parry, H. Dean
Rinehart, John S.
Schultz, John R.
Servet, Abdurahim
Shaw, Thomas N.
Shuler, Ellis
Smith, Joe N.
Townsend, Robert D., Jr.
Tsubota, George Y.
Walseth, Sterling
Wiseman, Sam H.
Yin, Hung Chang

1938

Ackerman, John B.
Davidson, Donald D.
Dinab, Kamal
Elliott, Norman
Fuetsch, Frederic T.
Gershohn, Morris
Hayward, Russell E.
Jack, Samuel S.
Jennings, Stephen
Jetter, Ulrich
Kanemitsu, Sunao
Lowe, Frank C.
McLeish, Charles W.
Moorman, Thomas S.
Nysewander, Cecil W.
Ofsthun, Sidney A.
Orr, James M.
Putt, Donald L.

Stone, William S.
Taso, Chi Cheng
Tieker, Paul O.
Wang, Hsih Heng
Windsor, Emanuel

1939

Arnold, Lee
Burns, Martin C.
Cabeen, William
Easton, Robert L.
Fan, Hsu Tsi
Goering, Kenneth J.
Hendry, Noel W.
Hiehle, Ernest M.
Hoy, Robert B.
Hsueh, Chao Wang
Jackson, Andrew M.
Jones, Winthrop G.
Liang, Car Chia Chang
MacKnight, Robert H.
Neal, Wilson H.
Norquist, Kenneth S.
Parish, Elliott W., Jr.
Robertson, Francis A.
Stephens, Frank B.
Tatom, John F.
Widmer, Robert H.
Wilson, Harry D.
Yates, Donald N.

1940

Batu, Buhtar
Bigelow, James O.
Chen, Shang-Yi
Gentner, William E.
Gould, Clark W., Jr.

Green, William J.
Haffner, Bernhard
Hartman, Edwin
Hetzl, Eustace P.
Hlynka, Isadore
Hsu, Chang Pen
Kreiger, Stuart A.
Menis, Luigi
Pai, Shih-I
Tao, Shih Chen
Tobin, Bernard
Vernon, James B.
Wang, Tsung-su
Wasem, Richard
Yuan, Luke C.

1941

Bell, Richard W.
Benson, Arthur S.
Carlmark, Carl W.
Chang, Chieh Chien
Fisher, Robert E.
Garrett, James R.
Gould, Martin
Green, Alex E.
Hamway, Daniel S.
Hight, Charles T.
Ikeda, Carl K.
Kuo, I. Chang
Lewis, Lloyd A.
McIntosh, James
Miller, Joseph A.
Moore, Charles L.
Myers, Charles S.
Nicholson, George H.
Peters, Ralph
Roan, Charles B.
Shores, Von R.
Spencer, Norman C.
Steele, George F.
Taylor, D. Francis
Tiemann, Cordes F.
Whitfield, Hervey H.
Wolfe, Samuel

1942

Bergh, Paul S.
Carr, Earle A.
Curtis, Thomas G.
Hlynka, Isadore
Go, Chong Hu
Howell, Benjamin F.
Larson, Erwin R.
MacKenzie, Robert
McDaniel, Gene W.
Merryfield, Lloyd
Novitski, Edward
Shaffer, Philip A., Jr.
Smith, Alexander
Wilson, Albert G.

1943

Bragg, Robert M.
Eaton, Alvin R., Jr.
Hanger, Willard M.
Ise, John, Jr.
Laforge, Gene R.
Ling, Shis Sang
Merritt, Melvin L.
Nilakantan, Parameswar
Vincente, Ernesto

1944

Abrams, Leonard S.
Cowden, Warren L.
Cox, Charles S.
Curci, Harold V.
Dixon, Howard H.
Ely, Frederick B.
Hahs, Martin L.
Hunt, Charles W.
Knudson, Alfred G., Jr.
Martin, Don Stanley
Ratray, Maurice, Jr.
Silgado, Enrique F.
Smith, Frank C., Jr.
Stanford, Harry W.
Sunalp, Halit
Trimble, William M.
Wright, John J.