

PERSONALS

1923

John H. Puls, Assistant Division Manager of the Pacific Coast Division of the Texas Company, has been promoted to Division Manager.

1924

F. Douglas Tellwright has accepted an assignment as Assistant Vice-President of the American Telephone & Telegraph Company in New York. Formerly he was with Pacific Tel and Tel as Vice-President and Manager of the Oregon area.

1927

Florent H. Bailly, formerly Chief Engineer and Chief Geologist of the Pantepec Oil Company, C.A. of Venezuela, has recently been elected President of Pantepec and Pancoastal Oil Company, C.A. of Venezuela. Since 1942 Mr. Bailly has resided in the States but has continued his activities in Venezuela. He is also President of Petroleum Engineering Associates, Inc., and Oil Properties Consultants, Inc., of Pasadena.

1926

Ivan L. Farman, Brig. Gen. USAF, M.S. '39, is Director of Communications of the Army Air Force in Washington. During the war he was in Japan with the Air Transport Command. He lives in Arlington, Virginia.

1928

Mort Jacobs, formerly Manager of General Sales of the Southern California Gas Co., has been made Vice-President in charge of Sales, Advertising and Customers Department activities. The managerial post he leaves vacant is being taken up by **Frank Foster** '25, who moves up from the position of Manager of Residential Sales and Promotion.

1929

Harold M. Huston is employed as an estimating engineer by the Southwest Welding Co. in Alhambra.

Wallace A. McMillan has been promoted from Assistant Director of Research of the Beacon, N.Y., lab of the Texas Company to Director of Technical Services, in New York City.

1930

Norris Johnston, Ph.D., has been named president of the consulting firm, Petroleum Technologist, Inc. in Montebello, Calif. He was formerly with the General Petroleum Corporation, where, for ten years, he was Chief Physicist in charge of Production Research. During this period he was assigned to Socony-Vacuum to set up their Dallas Production Research laboratories.

1931

Herbert E. Haymaker, Ex-'31, is a Sales

Engineer for Fairfield Aerial Surveys, Inc. in Los Angeles. He has two children—Judith, 8, and Lincoln, 6.

Everett G. Trostel received a Petroleum Engineering degree in June from the University of Southern California.

Walt Dickey and **Chuck Lewis**, both '31, and **Richard L. Walker** '40, are employed by the Power Division of the Bechtel Corporation in San Francisco. Work of this organization includes the design and construction of electric generating plants.

Carl Overhage, M.S. '34, Ph.D. '37, is in Rochester working for the Eastman Kodak Co. Recently he was made superintendent of the Color Print Lab.

1932

John B. Miller, Ex-'32, is Professor of Electrical Engineering at Bucknell University, Lewisburg, Penna., and President and Treasurer of the Wyckoff-Bent Corp. in New York City. He has three sons—one a U. S. Navy pilot, another in the U. S. Coast Guard Electronics School and another in the local high school.

Dana B. Bates, Ex-'32, was married last March in the Stanford Memorial chapel at Palo Alto to **Marjorie Houghton** of Dallas, Texas. They will live in Seattle.

1933

We're sorry to have to report the death

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The San Francisco Chapter meets for lunch at the Fraternity Club, 345 Bush Street, every Thursday.

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Donald H. Loughridge '23
Department of the Army
Office of the Assistant Secretary, Pentagon Bldg.

SECRETARY-TREASURER

Charles E. Fitch '23
9214 Long Branch Pkwy., Silver Spring, Md.

of **Kenneth P. Warren**, Ex-'33, on May 25 of a brain tumor, in Queen of Angels Hospital, Los Angeles.

1934

Nico van Wingen has resigned his position as Professor of Petroleum Engineering at the University of Oklahoma to become Vice-President of the consulting firm, Petroleum Technologists, Inc. in Montebello, Calif. Prior to joining the University staff he had been associated for nine years with the Richfield Oil Corp. in Los Angeles.

Carsten Steffens, Ph.D., has resigned as Assistant Director of the Stanford Research Institute to take a position as Associate Professor of Chemistry at the University of New Mexico in Albuquerque.

1935

Donald C. Webster is now head of the Design and Production Department of the Naval Ordnance Test Station, which has headquarters in Pasadena.

Fred C. King, Jr. has been appointed Assistant Manager of the General Petroleum Corporation's Engineering Department. He lives in Long Beach.

Bernard B. Watson, Ph.D., has been appointed, as a specialist in physics, to the Office of Education of the Federal Security Agency in Washington. Before joining the Office of Education he served as Associate Professor of Physics at Temple University in Philadelphia.

1936

E. V. Watts has been appointed Produc-

tion Superintendent of the Southern Division of General Petroleum Corporation. He lives in South Pasadena.

David M. Whipp is on temporary duty in the Arctic for the Coast and Geodetic Survey, at Point Lay, Alaska. His wife and two children live in Glendale.

1937

Harry H. Carrick, M.S. '39, has been made Assistant to the Division Superintendent of the San Joaquin Valley Division of the Production Dept. of the General Petroleum Corp. He lives in Bakersfield.

Kenneth C. Crumrine, Ph.D., is employed in the Geophysical Research Laboratory of the Carter Oil Company in Tulsa, Okla. He has a five-year-old daughter.

Leon Horovitz received an M.S. in Social Work, and **Alan J. Grobecker** an M.S. in Electrical Engineering last June from the University of Southern California.

1938

J. L. Valazquez left North American Aviation in September 1948 and accepted a position with the Piasecki Helicopter Corporation, outside Philadelphia, as head of their Structural Design Group. Since last March he has been a project engineer on the XH-16, a large transport helicopter for the AAF.

1939

Robert M. Mahoney is Manager of Industrial Relations for the United States Vanadium Corporation in Bishop, Calif.

Arthur B. Drescher, M.S., is Chief Engineer, Mines & Exploration, of the Lone

Star Steel Co. in Lone Star, Texas. This summer he was consultant on gold placer deposits in Yukon. He and his wife have a son, six, and, when we heard from him, were expecting a daughter late in the summer.

Stephen C. Clark, Ex-'39, received his Ph.D. from Yale in June. He got both his B.A. and M.A. from the University of Washington. He is now Assistant Professor of Psychology and Acting Chairman of the Department at Alfred University, Alfred, N.Y. He and his wife have a two-year-old daughter, Margaret.

1940

Charles Palmer and his wife announce the birth of Wendy Palmer on June 20.

Herbert M. Worcester, Jr. writes that his son, James Herbert, was born Nov. 23, 1948.

Robert C. Brumfield, M.S. '41, Ph.D. '43, has a second daughter, Cynthia, born in August, 1948.

Robert B. Glasco was married on July 14 to Nancy Jane Brinton. They are living in Temple City.

John W. Jackson, M.S., has been promoted to full professor of Mechanical Engineering at the University of Maryland, College Park.

James B. Glassco and his wife have adopted a two-months-old boy ("after waiting a year and a half and passing numerous examinations much tougher than any given at Tech"). They have named him John Edward.

*The Undergraduate Members of Throop Club
Cordially Invite the Alumni of Throop Club
to Attend Open House at Throop Club Lounge
After the Varsity Games at the Rose Bowl on
October 8th, 22nd and 28th.*

The **Occidental-Caltech Pre-Game Alumni Lunch** will be held on October 27 at 12 noon at the Athenaeum. It is important that Caltech alumni, who are hosts at this now-traditional affair, turn out in full force. Tickets are \$1.25, payable at the door. For reservations call or write Hal Musselman's office by or before October 24 (SYcamore 6-7121 or RYan 1-7171). Accommodations are limited to 120, so make your reservation early.

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1941

Wallace D. Hayes, Ph.D. '47, formerly Assistant Professor of Applied Mathematics at Brown University, has been promoted to Associate Professor.

Robert G. Cooper is Academic Director and Instructor in Math at Stillwater Cove Ranch School in Jenner, Calif.

Eugene A. Lakos, Lieutenant, Civil Engineer Corps, USN, was married on June 25 to Marcia Patrick Fenington-Legere in New Milford, Conn. They will live in New York City.

Robert H. Ehrke is employed as a flight dispatcher for American Airlines, based at La Guardia Field, New York.

James T. Harlan, Jr. writes that he is currently living in New York City with his wife, son David, two, and daughter Patricia, four, having been transferred from San Francisco by the Shell Chemical Corp. in September, 1948.

1942

Edward R. Bartlett, Jr. was married in July to Helen H. Hasler in Cresson, Penna. Ed is working for Dupont in Seaford, Delaware.

Richard M. Head, M.S. '43, Ph.D. '49, is Associate Professor of Aeronautics at the U. S. Naval Postgraduate School in Annapolis, Maryland.

David L. Hill has accepted an appointment as Assistant Professor of Physics at Vanderbilt University in Nashville, Tenn. He has been connected with the Atomic Energy Commission's Argonne Laboratories in Chicago.

George I. Cohn, Instructor in Electrical Engineering at Illinois Institute of Technology, has been promoted to the rank of Assistant Professor.

Major William P. Mellen, M.S., and **Major Hazen N. Bedke** have been assigned by the USAF Institute of Technology, Wright-Patterson AF Base, Dayton, Ohio, to UCLA for completion of educational requirements—Major Mellen in Meteorology, Major Bedke in Oceanography. **Captain Merle P. Woodall** has been assigned to the University of Chicago for work in Meteorology.

Richard A. Andrews is with Food Machinery Co. in San Jose as a Project Engineer.

There are now two Andrews children—Kathleen, four, and Ned, almost two.

Sheldon W. Brown, Comdr, USN, recently transferred from duty as Plans and Policy Officer, Research and Development Group, Bureau of Aeronautics, to the Office of the Under Secretary of the Navy as Special Assistant for Research and Development.

Warren Gillette is in medical school at George Washington University and due to graduate in 1950. He and his wife have a three-year-old son.

1943

Robert F. Larson has been appointed to the staff of the Naval Ordnance Laboratory, White Oak, Maryland, where he will be attached to the Research Department. Before joining NOL Bob was Instructor in Mechanical Engineering at the Case Institute of Technology, and worked for General Motors.

Clyde A. Dubbs is "now employed by Uncle Sam, as a Bio-Chemist in a hospital in West Los Angeles." He had an article "Improved Apparatus for Radiobiological Synthesis" in *Science*, June 3, 1949.

Robert Ralph Johns was graduated from the University of Southern California in June with an M.A. in Physics.

1944

Robert G. McAnlis is still working for Johns-Manville in Lopoc, Calif. at their diatomaceous earth mine and processing plant. He and his wife (née Phoebe R. Scrafford of Pasadena) have a daughter, Kaley Kathleen, born last October.

Garman Harbottle was married in New York City last June to Naomi Perkiss. After a trip to Alaska they are living in Patchogue, Long Island.

William P. Harland writes "With the completion of the construction project at Shawinigan Falls, Quebec, I was moved by my employers, the Shawinigan Engineering Co. to their new power development at Trenche on the St. Maurice River. My position here is 'Night Resident Engineer' in charge of engineering during the night shift. The Trenche Development, the 8th on the St. Maurice River, will produce 380,000 h.p. at a 160 ft. head."

Weldon R. Donsbach is working for Westinghouse in the Industrial Electronics

and X-Ray Division as a design engineer on Marine Radar. He and his wife and daughter, Ruth, born in October, 1947, are living in Baltimore, Maryland.

Grant L. Benson, Jr. received his M.D. from the USC School of Medicine in 1947. Since then he has served one year of internship at the U. S. Naval Hospital in Oakland, and one year of residency in internal medicine at Holy Cross Hospital, Salt Lake City. He is now taking a two year residency training in internal medicine at Queen of Angels Hospital, Los Angeles.

1945

Clyde Gerber, Jr. was married on August 20 to Mary Yazum of Schenectady, N. Y. Clyde is working for General Electric's Knolls Atomic Power Lab., where he has been since October, 1946.

Donald C. Dodder writes that he is a Research Fellow in the Physics Department of the University of Minnesota, where he has been since September, 1947. Also in the department are **Robert J. S. Brown** '48, **Bert Downs** '46, and **Leo Levitt** '41.

Eugene L. Scott received an M.S. in Electrical Engineering from the University of Southern California in June.

Charles R. Cutler's engagement to Margaret Royston was announced August 14. After leaving Caltech he graduated from the George Washington University Law School, and is now associated with the law firm of Kirkland, Fleming, Green, Martin and Ellis—in Washington, D.C.

1946

Stanley R. Nixon, who for the past two years has been on an L.D.S. mission in Western Canada, began working this summer as an electrical engineer with the Telluride Power Company in Richfield, Utah.

James W. Glanville, M.S., was married in June to Nancy Ellen Hart in Dallas, Texas.

Norman A. Gottlieb sends us late notice that he was married October 16, 1948.

Among those receiving degrees at S.C. in June were **Harry L. Wolbers, Jr.**, M.A. in Psychology, and **Jerome S. Field**, M.S. in Business Administration.

Charles W. Allison Jr. started working

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Engineering & Science Monthly, June 1948
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Engineering & Science
California Institute of Technology
1201 East California St.
Pasadena 4, Calif.

this summer for the Stanolind Oil and Gas Company in their Exploration Department in Ballinger, Texas.

1947

Charles B. Shaw, Jr., spent the summer as a research assistant at Los Alamos. This fall he is going to the University of Chicago to work on his Ph.D. in theoretical physics. He expects to receive his M. S. by mail from S.C., "if I ever finish my thesis."

Albert H. J. Mueller is taking a two months cruise aboard an Escort Carrier to Hawaii and Guam. He holds an ensigns commission in the Naval Reserve.

Robert L. Wenick received an M.S. in Electrical Engineering in June from the University of Southern California.

1948

Robert L. Collins, M.S., was married last May to Miss Ray McIver in Forth Worth, Texas. They will live in Glendale.

Tom Tracy writes that he is Sales Engineer at the San Francisco office of the Minneapolis-Honeywell Regulator Co., Brown Instruments Division. Also, that he will be going to Philadelphia in September for 13 weeks of school.

Carl Cox is an aerodynamicist at Boeing on a Guided Missile Project.

Lt. Col. Matthew J. Altenhofen, M.S., is an instructor in Math at the U. S. Military Academy at West Point. Lt. Col. Harvey R. Fraser, M.S., is also there as an instructor in the Mechanics Department.

Phillip Eisenberg, Prof. degree, is supervisor of the Fluid Phenomena Section of the Hydromechanics Division of the David Taylor Model Basin in Washington, D. C. His daughter, Elyse Rae, will be two this fall.

Robert Brinkman and his wife have a son, Robert Craig, born last April. Bob is employed by General Motors Styling Section in the Body Development Studio.

1949

Neal Hurley has been given a fellowship to the Eidgenossische Technische Hochschule in Zurich, Switzerland, one of the leading centers for geological study and research in Europe. This summer Neal was on the Caltech expedition to St. Lawrence Island before sailing to Switzerland the latter part of September.

Richard Cornelius was married June 18, in Penlynn, Penna., to Dorothy White.

Marvin Abramovitz and Lionel L. Levy, Jr. have joined the staff of the Ames Aeronautical Laboratory, Moffett Field, Calif., the West Coast research center of the National Advisory Committee for Aeronautics. As aeronautical research scientists at the Laboratory they will participate in NACA's extensive theoretical and experimental studies of the problems of high-speed flight in the transonic and supersonic speed ranges.

John R. Reeve, Jr., M.S., has joined the Texas Company as a Mechanical Engineer in the Beacon, N.Y. Laboratories.

ALUMNI ASSOCIATION

CALIFORNIA INSTITUTE OF TECHNOLOGY

STATEMENT OF INCOME For the year ended June 30, 1949

INCOME		
Dues		\$6,184.75
Income from Consolidated Portfolio of C.I.T.:		
Normal income	\$ 854.96	
Gain upon sale of investments	72.72	927.68
		<u>7,112.43</u>
Less subscriptions to Engineering and Science Monthly for members of the Association		4,056.00
		<u>3,056.43</u>

OTHER INCOME

E & S Monthly, prior to assumption of publication by C.I.T.	\$ 765.20	
Less expense	370.04	395.16
Program Committee	1,743.00	
Less expense	1,439.73	303.27
Social Committee	1,585.03	
Less expense	1,623.10	(38.07)
Seminar Committee	1,472.25	
Less expense	1,412.25	60.00
Sundry	38.03	758.39
		<u>3,814.82</u>

EXPENSE

Administration:		
Directors' expense		170.38
Postage		332.93
Supplies		476.72
Miscellaneous		26.47
		<u>1,006.50</u>
Alumni Fund Committee:		
Printing	671.86	
Postage and supplies	197.23	869.09
Membership Committee:		
Engineering and Science Monthly sent to non-member	323.68	
Postage and supplies	56.84	380.52
Placement Committee		12.46
Publications Committee		12.57
Student Relations Committee	105.40	
Chapter rebates	34.20	2,420.74
NET INCOME		<u>\$1,394.08</u>

BALANCE SHEET As of June 30, 1949

ASSETS		
Demand deposit in bank		\$ 5,283.17
Accounts receivable		47.50
Postage deposit		60.99
Investments, at cost:		
Share in Consolidated Portfolio of C.I.T.	\$23,222.72	
U. S. Treasury bonds	222.00	23,444.72
Furniture and fixtures		221.04
		<u>\$29,057.42</u>

LIABILITIES

Accounts payable	\$ 242.95
1949-1950 annual membership dues paid in advance	3,696.00
	<u>3,938.95</u>

SURPLUS

Life membership reserve:		
Fully-paid memberships	\$23,150.00	
Payments on life memberships under the installment payment plan	1,573.19	
		<u>24,723.19</u>
Unappropriated income:		
Excess of income over expense, year ended June 30, 1949	\$1,394.08	
Less deficit July 1, 1948	998.80	395.28
		<u>25,118.47</u>
		<u>\$29,057.42</u>

AUDITOR'S REPORT

Alumni Association California
Institute of Technology
Pasadena, California

I have examined the balance sheet of Alumni Association California Institute of Technology as of June 30, 1949 and the related statement of income for the year then ended. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as were considered necessary in the circumstances.

The statements do not reflect amounts due from the California Institute of Technology of \$1,954.28 for profit (prior to certain expense provided for in the General Budget of the California Institute of Technology) from publication of Engineering and Science Monthly, and \$1,098.02 of normal income and \$80.65 gain upon sale of investments from the Consolidated Portfolio of California Institute of Technology. Such amounts are subject to audit and, in accordance with the practice of prior years, will not be recorded upon the books of the Association until received.

In my opinion, the accompanying balance sheet and statement of income present fairly the financial position of Alumni Association California Institute of Technology at June 30, 1949 and the results of its operations for the year then ended, except for the matters referred to in the preceding paragraph, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Howard W. Finney
Certified Public Accountant

Los Angeles, California
September 6, 1949