

# PERSONALS

1914

*Virgil F. Morse* writes that he is working for the City of Los Angeles as C.E. assistant in the Van Nuys Branch of the City Engineer's Office. Currently concentrating on street design, he worked on the Hyperion Sewage Disposal Plant before his transfer to the Van Nuys Branch. The Morses live in Pacoima, have five children (four boys and a girl) and—at last report—nine grandchildren.

1924

*George B. Stone* has been General Manager of the Los Angeles Branch of the Pacific Electrical & Mechanical Co. since 1943. The company, which engages in electrical construction and contracting, has installed the electrical wiring in a number of buildings on the Caltech campus—has, in fact, just finished installing the electrical work in the new M.E. building.

1921

*Malcolm MacDonald*, ex-'21, is now Principal of San Fernando High School in Los Angeles.

*E. H. Minitie*, General Manager of the Minitie Company, Filtration Engineers, reports the arrival of a new grand-daughter in June. This makes it five children and four grandchildren for the Minitie fam-

ily, and Ernie not only thinks this entitles him to the prize for the class of '21, but "should be a fair challenge to some of the rest of the years too."

1925

*Edwin F. Thayer*, until recently editor of *Tide*, a national magazine in the advertising field, is now business manager of the midget magazine *Quick*. He is living in Westport, Conn.

*Horace C. Adams* writes that he's still with the Electrochemicals Dept. at E. I. du Pont de Nemours & Co., but during the past year he's been shifted around as follows: In October 1949, he left his post as Plant Superintendent at El Monte, California, to take on a special assignment in the Production Division at Wilmington, Delaware. In May, 1950, he moved out of this spot into the Production Division of the plant at Niagara Falls, N. Y.—where, when last heard from, he still was.

1926

*Robert W. Moodie* is now employed as a Senior Structural Engineer by the State of California—in the Design & Planning section of the Division of Architecture of the Department of Public Works in Los Angeles. Two other Tech men in the same Section are *Raymond H. F. Boothe* '36

and *Edwin G. Johnsen* '43. And Tech men in the same Division include *Ralph T. Taylor* '18, and *Ernst Maag* '26.

*Manley W. Edwards*, who for the past 13 years has served as an engineer on the staff of the Public Utilities Commission of the State of California, has been promoted to the new position of Supervising Engineering Examiner. This position was created on July 1, 1950 to expedite the processing and hearing of the many applications for rate increases by the major private electric, gas, water and telephone utilities in the state.

*Dr. Trygve D. Yensen*, Ph.D., manager of the magnetic department of the Westinghouse Research Laboratories in East Pittsburgh, Pa., died on July 2 in Prestwick, Scotland. Dr. Yensen, who had retired from his Westinghouse post just a week previous, was en route to Oslo, Norway, to pass his retirement with his four brothers.

*Dr. F. A. Nickell*, M.S. '28, Ph.D. '31, returned to his home in Pasadena for a short vacation this summer from his job as consulting geologist for the Israel government in the Near East. His job is to suggest the best method of irrigating Israel.

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"More than 200,000 immigrants poured into the area last year," he said, "and next year another 450,000 are expected... In spite of this huge influx of people, however, the land is not incapable of growing food... What these people need is water."

Dr. Nickell was formerly connected with the United States Department of Reclamation and he participated in the planning and building of Hoover and Grand Coulee Dams.

S. B. Biddle, Jr., still working for Leeds & Northrup, moved from the San Francisco to the Seattle office over the summer.

1929

Harold M. Huston comes up with a full-dress account of his activities through the last decade—which, he adds, seems to have been "the most rugged of all."

"Pressure from all directions is intense," he says, "—business, civic, fraternal, fiscal, juveniles, bebop, TV and taxes. Have a daughter in Stanford, a swain-aged son in South Pasadena High. Took and taught ESMWT (Engineering, Science, Management and War Training) courses in Caltech's Industrial Relations Section during the war; then taught a course in cost estimating to the now-extinct Industrial Design graduate students.

"After a term on the Alumni Association Board, I got involved in quick suc-

cession with the Boy Scouts, YMCA Board of Directors, YMCA Camp and then a term on the South Pasadena Community Chest—of which I was president last year. After a dozen years with C. F. Braun am now nearing a dozen with the Southwest Welding and Manufacturing Company in Alhambra. Still have the same slide rule, same wife, and same nickname—but less and less justification for it." (*The nickname?* — "Hasty").

Robert J. White, still with the Baroid Sales Division of the National Lead Co., has shifted from the Houston, Texas, to the Los Angeles office.

W. J. Olney, partner in the Olney Brothers rug and furniture cleaning firm in Pasadena, has been elected president of the East Pasadena Lions Club.

1930

William B. Hatch, Jr. writes that he's still in the general insurance and land surveying business in Twentynine Palms, now has three daughters.

Roscoe Downs, a member of the firm of Bressi & Bevanda in Los Angeles, is general manager of the contractor's operations for all tunnel and surge-chamber work on the Owens Gorge Hydro-Electric Project. The project — for the development of 112,500 kw of power — is being built for the City of Los Angeles 20 miles north of Bishop.

1933

Stan Keenan writes from Venice that he's now working for the Los Angeles City Power System as an Assistant Automotive Engineer, after having taught school for two years at the Cal-Aero Technological Institute in Glendale. During the war he worked at Douglas Aircraft.

Earl E. Barnett has been on Pacific Tel. & Tel.'s General Plant Staff since the war, in connection with radio and television services. For the past year he has been in charge of toll and television service in Hollywood and at Mount Wilson, as Supervising Wire Chief. He's moved to Hermosa Beach, "where the swimming and fishing are both good and our seven-year-old son enjoys the beach as much as Hopalong Cassidy on TV."

1934

Duncan A. McNaughton, M.S., received his Ph.D. in Geology at USC this June.

Carroll C. Craig writes that he has, for the past three years, been owner and general manager of the Fidelity Manufacturing Co. in Los Angeles, manufacturers of photographic equipment. He is a Lieutenant Commander in the USNR and, since September 1949, Commanding Officer of the Los Angeles Volunteer Reserve Ordnance Unit.

1935

John Ritter is resident engineer for the State Division of Highways on the construction of the Virgil Ave.-Western Ave. unit of the Hollywood Freeway.

Kenneth S. Pitzer appeared in the August 29 issue of *Look* as one of the people whom *Look* Applauds. "At 36," says *Look*, "he holds perhaps the most challenging scientific job in the world... Director of the Division of Research of the U. S. Atomic Energy Commission. As such, he coordinates all atomic research in the physical sciences in universities and AEC laboratories."

Tyler Thompson, who received his Ph.D. in Philosophy at Boston University in June, is now a member of the faculty of Allegheny College in Meadville, Pa. He is married and has three daughters.

Jack Paller has been working for the City of Long Beach since returning from a job on the Columbia River Highway in Oregon. He recently passed the two-day exam for Civil Engineer Registration, has decided to stay in Southern California permanently, "after quite a bit of roving."

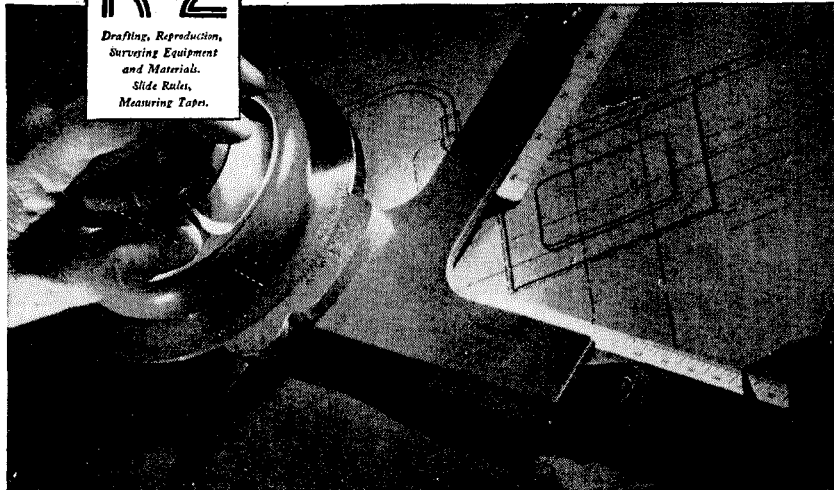
1939

John Kaye, M.S. '48, who has been working at the Institute's Hydrodynamics Laboratory since December 1945, joined the faculty of George Washington University (in Washington, D. C.) as Assistant Professor of Mechanical Engineering.

Delos Flint, geologist with the U. S. Geological Survey in Washington, D. C. was married in New York this summer to Frances McCormick of Delmar, N. Y. Raymond A. Saplis '44 was best man, Ray Gerhart '39 one of the ushers.

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**1940**

*John Bell Cabell*, M.S., was killed accidentally in a fall at White Water Falls, S. C. on May 27. He had been on active duty with the Corps of Engineers.

*J. M. Watkins* has become Assistant to the Head of the Design and Production Department at the Pasadena Annex of the Naval Ordnance Test Station.

*Cyd Biddison* writes that he's still working as Structural Designer for John Case, Structural Engineer, in Los Angeles. Cyd's son, Mark Ellis, is 17 months old now, and a daughter, Celeste Marie, was born last March.

*D. B. Carson* is back in the Los Angeles office of the General Electric Co., after completing a one-year refresher course in the Industrial Engineering Divisions of GE at Schenectady, New York.

*Pierre Marcel Honnell*, M.S., received his Ph.D. at Saint Louis University last June.

*Victor Wouk*, M.S., Ph.D. '42, who has been President and Chief Engineer of the Beta Electric Corp. in New York City since it was founded in 1947, writes that the firm has now taken larger quarters, with five times the production area of the old plant. The company specializes in custom-built high voltage power supplies, along with a standard line of kilo-

voltimeters, electronic microammeters, portable 0-30 KV power supplies, and portable projection oscilloscopes.

*William D. Lewis*, M.S., has been advanced to the post of senior geologist in the Bakersfield offices of the General Petroleum Corporation. He has been with the firm since 1945.

**1941**

*Preston M. Hill*, M.S., received his Ph.D. in June from Ohio State University.

*Robert R. Bowles* has taken on a new job as research engineer for the California Research Corp., doing technical service work in catalytic cracking at the Richmond refinery of the Standard Oil Company of California. The Bowles's welcomed a third son, Steven Edward, last February. Robert Jr. is now 7 and Richard 5.

*Major Frank G. Casserly*, USMC, received his M.S. in Engineering Electronics from the U. S. Naval Postgraduate School at Annapolis in June. He is now stationed with the Marine Corps Equipment Board in Quantico, Va.

**1942**

*Frank Andrew Fleck* and his wife have a new daughter, Barbara—born July 5.

*Joseph B. Franzini*, M.S. '43, recently received a Ph.D. from Stanford, is now acting as Assistant Professor of Civil En-

gineering there. He and his wife announced the birth of their third child—and first girl—on June 15.

*J. R. Allan* writes that he's still at Todd Shipyards in San Pedro; was married in 1947 to Margaret Follansbee; had a son, Robert, born in 1948; is active in several southern California pipe smokers clubs, a v.p. in the International Association of Pipe Smokers Clubs—and would be pleased to hear from anyone interested or curious about pipe club activity.

*S. K. Gold* and his wife announce the arrival of their first child, a boy, on May 27th.

**1943**

*John M. Essick*, M.S., and Rose Koumjian were married this summer in Hollywood, and took off on a two-month wedding trip through Canada.

*O. D. Terrell* comes up with a full set of vital statistics—as follows:

Family: Wife Kathryn, Married 1947

Son Jeff, Born 1949

Work: Naval Ordnance Test Station, Pasadena; Mechanical Engineer; Head, Structures Branch

Home: Arcadia; Moved into new home there in 1950

Recreation: Have weekend cabin; all friends welcome

Habits: Bad

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**ALUMNI CALENDAR**

1950 - 51

September 20	Oxy-Caltech Kickoff Luncheon
September 21	Open House
December 1	Square Dance
February 3	Dinner Dance
April 14	Annual Seminar
June 6	Annual Meeting

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Bob Bennett writes that, of the 11 members of the '43 Fleming Marriage Pact, "only Bill Fair has failed to earn his \$10 reward. Jim Blayney and I have each been awarded the 50% bonus that goes with having a boy, while Len Alpert, Jack Spencer, Kenny Johnson and Bob Bragg have girls—in fact Johnson and Bragg each have two. The bunch has scattered as far south as Texas, as far east as Illinois, and as far north as Seattle. Most of the boys are still working as engineers. though Bragg is becoming a Butane tycoon, Spencer and Fair are teaching, and I am a head janitor for the phone company — well, building maintenance supervisor."

Jesse Blaine Graner received his M.S. in Petroleum Engineering at USC in June.

Edward I. Brown writes that he's now employed by a company where most of the "responsible" jobs are held by Caltech men — Marquardt Aircraft in Van Nuys. The firm employs about 25 Caltech engineers. Ed is in Preliminary Design.

James A. Blayney and his wife announced the arrival of a son on May 29.

Peter Dehlinger, M.S., Ph.D. '50, has been appointed to the staff of Battelle Institute in Columbus, Ohio, where he will be engaged in research for the oil well drilling industry. He was formerly associated with the Shell Oil Company in Los Angeles.

#### 1944

Cornelius Steelink and Paul Hugo Winter received M.S. degrees from USC in June — Steelink in Chemistry and Winter in Civil Engineering.

Allen E. Wolf is employed at the Ballistic Research Laboratories, Aberdeen Proving Ground, as an electronic scientist. The

whole Wolf family spent two months in Florida this summer while Al worked on the optical instrumentation for "Bumper" firings—the family now including Kathy, 3, and Terri, 1.

David R. Shefchik reports that he was married in October, 1949 to Dorothy Savage of Duluth, Minn. Until this summer Dave was working as Master Mechanic at the Rabbit Lake & Mahnomen Iron Ore Mines for Pickands Mather & Co. in Crosby, Minn., where he is Assistant Iron Ore Treatment Plant Supervisor for the same firm on the Mesabi Iron Range.

Wesley Sandell was married last February to Ingrid Andersson of Stockholm, Sweden. He's working as a quality control engineer in the Hollywood processing plant of Eastman Kodak.

Neville S. Long has been transferred from the McNary Dam on the Columbia River to Pine Flat Dam on the Kings River in California where he is Engineering Assistant to the Structural Steel and Rigging Superintendent.

#### 1945

John D. McKenney, M.S. '49, was married this month to Joan Sawyer of Pasadena.

Jack Dewey Krause received the degree of Master of Business Administration from USC this June.

Harold H. Ford, who received a Professional degree in Industrial Design from Caltech in 1948 is now a senior designer in General Motors Styling Section in Detroit. He has been doing appearance design in the Product Design Studio there, and engineering development work in the Body Development Studio. He and his wife are living in a Detroit suburb near Cranbrook Art Academy, where Mrs. H.

is doing graduate work in sculpture.

Donald C. Tillman, M.S. '46, Civil Engineer Associate with the Street and Parkway Design Division of the City of Los Angeles, is teaching an 18-week course this fall at San Bernardino Valley College on Street and Highway Traffic Engineering.

#### 1946

Howard R. Woods and his wife announced the arrival of a son, Jerry, on July 14. They're living in Bell, California.

Howard Jessen and Mary Susan Carson of Omaha announced their engagement in August, plan to be married this winter. Howard works with the Circo Steel Products Co. in Omaha.

William Moje, who received his Ph.D. from UCLA this June is now at the University of Illinois in Champaign as a Post-Doctoral Fellow. He and wife Suzanne have two children—Steven, 3, and Peggie 1.

Milton A. Strauss, M.S. '48, formerly employed by the American Institute of Aerological Research in Pasadena has moved to Lake Mills, Wisconsin, where he is now in the summer resort business with his father. Milt had one young daughter last we heard and was due to welcome another addition to the family sometime this summer.

Edward S. Ida has been transferred by the Otis Elevator Co. to Sacramento, where he is now Local Manager. Ed and his wife, the former Barbara Engle, have two daughters—Janice, 2, and Carol, not yet 1.

#### 1947

John Latimer Mason, M.S. '48, Ph.D. '50, and Mary Frances Draeger of Beverly

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Hills were married late this summer.

*Robert Malcolm Stewart Jr.* and *Beverly Wade* were married in South Pasadena in July. Both Stewarts have been with the Pasadena Civic Orchestra.

*Albert Mueller*, M.S. '49, and *Ardita Williams* of San Marino announced their engagement on July 9, plan to be married in December.

*Manfred Eimer*, M.S. '48, and *Gretchen Centner* of Pasadena were married in June, honeymooned in Colorado and have settled down in South Pasadena. He's working for his Ph.D. in Aeronautics at the Institute.

*Harold Comlossy, Jr.* and *Ann Eccles* of Eagle Rock were married in Los Angeles on July 2, honeymooned in Santa Barbara, now live in South Gate.

*John A. Kelly* M.S. '47 and *Gayle Zeiss* were married in early June in Los Altos. He's an aeronautical engineer at Moffet Field.

#### 1948

*Keith Wilbur Henderson* received his M.S. in Electrical Engineering from USC this June.

*Howard W. Green*, still living in Pasadena, writes that he's still working at the same plant, though for a new owner. What used to be *W. C. Hardesty Co., Inc.*, is now the *Vegetable Oil Products Co.* in Los Angeles. Big news at the Greens though, is the arrival of their first baby, a girl, on July 20.

*John O. Rasmussen Jr.* was married on August 27 to *Louise Brooks* in Red Bluff, Calif.

*Mayette E. Denson, Jr.*, M.S., Ph.D. '50, is working for the *Stanolind Oil and Gas Company* in the *Research Laboratory* in *Tulsa, Oklahoma*.

*Lawrence Noon*, M.S. '49, is now working for the *Technicolor Motion Picture Corporation* as *Assistant to the Process Supervisor* in *Los Angeles*. He was married in *December 1949* to *Dorothy Dale*, lives in *Pasadena*.

*Arthur N. Cox* writes from *Pretoria, Transvaal* in the *Union of South Africa*, where he is doing *astronomical research* with *Dr. John B. Irwin* of *Indiana University*: "We are having a great time here in this double-language country with all its wonderful scenery. I hope to cover most of the scenery by the end of January when I must return to *Indiana University* to continue my graduate work. Trust the weather is as nice in *Pasadena* as it is in *South Africa*."

#### 1949

*Edward Levonian* is now in *India*, where he expects to remain about a year. He and his brother-in-law have initiated an educational film company and are engaged in taking 16-mm films of the life of the people in *India, Pakistan, and the Middle East*. By ingenuity, audacity, and good luck they recently succeeded in making their way into *Tibet*. They have penetrated to a village of the *Himalayas* so remote that the natives had not yet heard of *World War II*. Ed also succeeded in reaching the actual source of the *Ganges River*, "the most sacred spot in the world for the *Orthodox Hindu*." He adds: "Having heard that a bath at this point absolves the bather of all previous sins, I hastened to plunge into the icy water."

*Rolf M. Sinclair* is now a graduate student at *Rice Institute* in *Houston, Texas*, where he has been awarded a fellowship in physics. *Ken Famularo* and *Jim Hummel* are two other '49ers from

Tech there. *Rolf* spent the summer at the *Georgia Tech Experiment Station*.

*Charles George Wallace* and his wife announced the arrival of *Ann Elizabeth* on July 9.

*Allen T. Puder*, M.S., has completed the *Westinghouse Graduate training program*, is now working as an engineer for developing high temperature materials for gas and steam turbines in south *Philadelphia*. The *Puders* live in a *Philadelphia suburb* and—most important of all—have two twin girls, born on *April 6*.

*Robert M. Stewart*, M.S. '50, and *Beverly Wade* of *South Pasadena* who were married on *July 8*, now live in *Berkeley*, where *Bob* is a *Junior Chemical Engineer* at *Cutter Laboratories*.

#### 1950

*Odell Carson* is working in the *Technical Division* at the *Hanford Works* near *Richland, Washington*. This is the *plutonium manufacturing plant* operated by *General Electric* for the *U. S. Atomic Energy Commission*. *Odell's* in the *Operational Training Program*, which gives technical grads the opportunity of spending an average of three months in different parts of the huge plant before settling down to a permanent assignment.

*Leonard Edelstein*, M.S., and *Elaine Platt*, who were married in *Los Angeles* in *June*, are now living at *Fort Lawton, Seattle, Wash.* *Len*, who graduated from *West Point* in *1946*, was one of nine men selected for special advanced studies at *Caltech*.

*Eugene G. Spencer* and *Charlotte Paris* were married in *Pasadena* on *June 16*.

*Jay Allen Montgomery* and *Jean Claire Edwards* were married in *June*. She worked in the student employment office.

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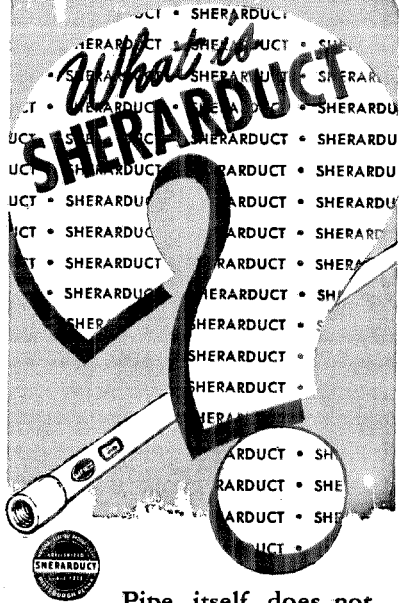
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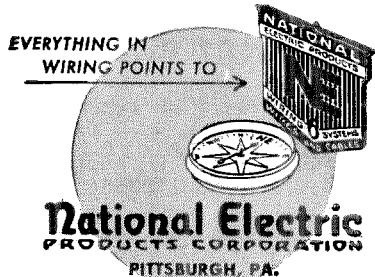
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## ALUMNI ASSOCIATION CALIFORNIA INSTITUTE OF TECHNOLOGY

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INCOME		EXPENSE	
Dues	\$6,554.35	Administration:	
Income from Consolidated Portfolio of C.I.T.:		Directors' expense	\$149.04
Normal income	\$1,027.20	Postage	291.18
Gain upon sale of investments	60.65	Supplies	494.61
	<u>1,087.85</u>	Miscellaneous	49.94
Net income (prior to certain expenses provided for in the General Budget of C.I.T.) from publication of Engineering and Science Monthly	1,954.28		<u>984.77</u>
	<u>9,596.48</u>	Alumni Fund reports and solicitations:	
Less expense in connection with publication of Engineering and Science Monthly:		Printing	\$666.66
Allocation to C.I.T. for Engineering and Science reserve fund	1,954.28	Postage and miscellaneous	232.32
Subscriptions for Association members	4,430.00		<u>898.98</u>
	<u>6,384.28</u>	Association membership solicitations:	
	<u>3,212.20</u>	Printing	232.86
Other income:		Postage and miscellaneous	118.04
Program Committee	\$2,089.75		<u>350.90</u>
Less expense	1,969.94	Student relations, including \$150.00 assistance to student publications	153.88
	119.81		<u>2,388.53</u>
Social Committee	1,005.10	<b>NET INCOME</b>	<b>\$1,013.70</b>
Less expense	1,055.50		
	(50.40)		
Seminar Committee	1,319.00		
Less expenses	1,150.08		
	168.92		
Athletic Committee	108.75		
Less expense	155.54		
	(46.79)		
Placement Committee	944.00		
Less expense	957.77		
	(13.77)		
Sundry	12.26		
	<u>190.03</u>		
	<u>3,402.23</u>		

### BALANCE SHEET As of June 30, 1950

ASSETS		SURPLUS	
Demand deposit in bank	\$7,739.18	Life membership reserve:	
Postage deposit	50.76	Fully paid memberships	\$23,850.00
Investments, at cost:		Payments on life memberships under the installment payment plan	1,283.50
Share in Consolidated Portfolio of C.I.T.	\$23,983.37		<u>25,133.50</u>
U. S. Treasury bonds	222.00	Unappropriated income:	
Furniture and fixtures	24,205.37	Balance June 30, 1949	\$395.28
Expense applicable to 1950-1951 year	221.04	Adjustments to life membership reserve	319.69
	<u>26.81</u>	Excess of income over expense, year ended June 30, 1950	1,013.70
	<u>\$32,243.16</u>		<u>1,728.67</u>
<b>LIABILITIES</b>			<u>26,862.17</u>
Accounts payable	\$ 276.30		<u>\$32,243.16</u>
1950-1951 membership dues paid in advance	5,104.69		
	<u>5,380.99</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, 1950 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.

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, 1950 and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Howard W. Finney  
Certified Public Accountant

September 11, 1950