

# ALUMNI FUND

## Report of the 7th Year — 1953 - 1954

**YOUR CALTECH ALUMNI FUND** has again demonstrated its capacity to serve the Institute. In the year ended June 30, 1954, a total of 1,074 alumni contributed \$21,441.17.

This amount was sufficient to establish the first Alumni Scholarship, awarded to an entering freshman this fall.

While the figures for the number of contributors and and the dollar amount are somewhat disappointing when measured against the previous two years, it is to be remembered that 1953-54 marks the establishment of the new scholarship goal. The present program is directed toward the establishment of four-year, full-tuition undergraduate scholarships. Considering this shift in the Fund's goal, the results are indeed gratifying. Thus the

alumni have demonstrated their support of the Alumni Fund as a perpetual medium for assisting Caltech.

It is of interest to note the substantial contribution made by men who received only higher degrees at the Institute. This past year the figure jumped \$5,166, representing an average gift of \$31.50 per contributor.

Undergraduate contributions are tabulated below. The names of all the 1953-54 contributors are listed on the following pages.

—Robert R. Bennett

—A. A. Ray

Directors in charge of the Alumni Fund 1953-54.

### SEVENTH YEAR — 1953-54 (As of July 1, 1954) Alumni Who Took Undergraduate Work at C.I.T.

CLASS	AMOUNT	NUMBER GIVING	AVERAGE GIFT	MEDIAN GIFT	NUMBER ELIGIBLE	PER CENT OF ELIGIBLE GIVING
Prior 1915	\$ 25.00	3	\$ 8.33	\$ 10.00	24	12.5
1915	140.00	5	28.00	10.00	8	62.5
1916	15.00	2	7.50	7.50	7	28.6
1917	50.00	3	16.67	20.00	7	42.9
1918	408.02	4	102.00	12.50	30	13.3
1919	0	0	0	0	3	0
1920	100.00	10	10.00	10.00	27	37.0
1921	95.00	8	11.88	10.00	34	23.5
1922	2,500.00	19	131.58	25.00	59	32.2
1923	251.00	14	17.93	10.00	49	28.6
1924	195.00	10	19.50	10.00	73	13.7
1925	593.00	22	26.95	10.00	78	28.2
1926	1,382.00	17	81.29	10.00	99	17.2
1927	289.00	22	13.14	10.00	89	24.7
1928	254.50	19	13.39	10.00	60	31.7
1929	375.00	25	11.00	10.00	84	29.8
1930	463.01	21	22.05	10.00	102	20.6
1931	947.00	21	45.10	10.00	97	21.6
1932	240.00	18	13.33	10.00	94	19.1
1933	169.00	14	12.07	10.00	93	15.1
1934	433.00	25	17.32	10.00	103	24.3
1935	462.00	32	14.44	10.00	110	29.1
1936	1,488.00	33	45.09	10.00	115	28.7
1937	175.00	15	11.67	10.00	112	13.4
1938	265.00	23	11.52	10.00	125	18.4
1939	231.00	22	10.50	10.00	112	19.6
1940	429.00	34	12.62	10.00	140	24.3
1941	321.00	32	10.03	7.50	128	25.0
1942	377.50	41	9.21	6.00	149	27.5
1943	352.00	42	8.38	6.00	124	33.9
1944	485.99	41	11.85	10.00	208	19.7
1945	330.50	30	11.02	5.00	190	15.8
1946	164.00	23	7.13	5.00	163	14.1
1947	405.50	32	12.67	5.00	144	22.2
1948	326.50	49	6.66	5.00	192	25.5
1949	509.00	59	8.63	5.00	211	28.0
1950	392.50	43	9.13	5.00	183	23.5
1951	321.00	34	9.44	5.00	159	21.4
1952	189.00	23	8.22	5.00	126	18.3
1953	136.00	20	6.80	5.00	135	14.8
<b>TOTAL</b>	<b>\$16,285.02</b>	<b>910</b>	<b>\$ 17.90</b>	<b>\$ 10.00</b>	<b>4,046</b>	<b>22.5</b>

# CONTRIBUTORS TO THE ALUMNI FUND 1953 - 1954

1896  
Haynes, Diantha M.

1911  
Ward, Royal V.

1913  
Koch, Louis J., Jr.

1915  
Black, Harold A.  
Burt, Earle A.  
Holmes, William M.  
Holt, Herbert B.  
Wilcox, Charles H.

1916  
Carson, Max H.  
Dumond, Jesse W., Ph.D.

1917  
Kensey, Alexander  
Poole, Fred L., Ph.D.  
Richards, Roy T.

1918  
Hainsworth, Wm. R., M.S.  
Heywood, Gene B.  
Hoge, E. R.  
Kirschman, H. D., Ph.D.  
McDonald, G. R.

1920  
Barnes, Hartwick M.  
Barton, Paul D.  
Hounsell, E. Victor  
Hounsell, Theron C.  
Sawyer, Mark A.  
Smith, R. Carson  
St. Clair, Harry P.  
Suman, George O., Jr.  
Whitworth, George K.  
Woodbury, Roscoe E.

1921  
Boggs, Chester A.  
Case, Henry R.  
Champion, Edward L.  
Craig, Robert W.  
Honsaker, Horton H.  
Quirnbach, Charles F.  
Stamm, Alfred J.

1922  
Ager, Raymond W., Ph.D.  
Alles, Gordon A., Ph.D.  
Bear, Ralston E.

Benioff, Ben  
Clever, George H.  
Crissman, Robert J.  
Darnell, Donald W.  
Erb, Louis H.  
Fleming, Thomas J.  
Groat, Edmund T.  
Hathaway, Edward A.  
Honsaker, John, Jr.  
Hopper, Francis L.  
Jasper, Walter  
Knight, Alfred W.  
Marsh, Hallan N.  
Ogden, Harold S.  
Reynolds, Maynard S.  
Vesper, Howard G.

1923  
Baier, Willard E.

Bangham, William L.  
Barnett, Harold A.  
Blakeley, Loren E.  
Dillon, Lyle  
Endicott, Harold S.  
Hopper, Basil  
Lewis, Howard B.  
Loughridge, D. H., Ph.D.  
North, John R.  
Puls, J. H.  
Roberts, F. Fred  
Schonborn, Robert J.  
Stromsoe, Douglas A.  
Woods, Robert E.

1924  
Anderson, Kenneth B.  
Clark, Rex S.  
Goodhue, Howard W.  
Irwin, Emmett M.  
Kalichevsky, Vladimir A.  
Losey, Theodore C.  
Moyses, Hollis W.  
Stoker, Lyman P.  
Thomas, Rolland S.  
Winegarden, H. M., Ph.D.

1925  
Atherton, Tracy L.  
Brunner, Michael C.  
Burmister, Clarence A.  
Clayton, Frank C. A.  
Dalton, Robert H., Ph.D.  
Ferkel, Albert J.  
Freeman, Henry R.  
Fulwider, Robert W.  
Hart, Edward W.  
Heilbron, Carl H., Jr.  
Hertenstein, W.  
Jones, Herbert J.  
Jones, Walter B.  
Miller, Leo M.  
Pauling, Linus C., Ph.D.  
Pearson, Rolland R.  
Prentice, Leland B.  
Rivinius, Paul C.  
Sellers, W. D.  
Simpson, Thomas P.  
Stewart, Earl D.  
Thompson, Wilfred G.

1926  
Ball, Alpheus  
Bogen, Robert  
Bowman, Robert B.  
Dinsmore, Daniel G.  
Edwards, Manley W.  
Foster, Alfred  
Friauf, James B., Ph.D.  
Gockley, Roscoe  
Graham, Glenn  
Hayward, C. D., Ph.D.  
Kiech, Clarence F.  
Kirkeby, Eugene  
Macfarlane, Donald P.  
Moodie, R. W.  
Pompeo, Domenick J.  
Schott, H. F., Ph.D.  
Serrurier, Mark  
Van den Akker, Johannes  
Voelker, Joachim F.

Wise, Willis H., Ph.D.  
Wulf, Oliver R., Ph.D.

1927  
Bailly, Florent H.  
Baldwin, Marshall A.  
Baxter, Ellery R.  
Bower, Maxwell M.  
Boyd, James  
Capon, Alan E.  
Farrar, Harry K.  
Gardner, David Z., Jr.  
Gottier, Thomas L.  
Hale, Frank S.  
Heilbron, Robert F.  
Hoover, Vaino A., Ph.D.  
Jaeger, Vernon P.  
Kaye, George R.  
Lilly, Forrest J.  
Mendenhall, H. E., Ph.D.  
Moore, George E.  
Moore, Robert M.  
Peterson, T. S., Ph.D.  
Schultz, Murray N.  
Starke, Howard R.  
Thompson, Russell E.  
Warner, Arthur H., Ph.D.  
Watson, Ralph M.

1928  
Armstrong, Richard C.  
Beckman, A. O., Ph.D.  
Brighton, Thomas H.  
Chilberg, Guy L.  
Clark, Alexander  
Coulter, Robert I.  
Crosher, Kenneth R.  
Duval, Richard H.  
Evans, Robley D., Rh.D.  
Folsom, R. G., Ph.D.  
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Kaneko, George S.  
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Lash, Charles C., Ph.D.  
Lindvall, F. C., Ph.D.  
Lombard, A. E., Jr., Ph.D.  
Minkler, Cyrus C.  
Noel, Francis  
Shaffer, Carmun C.

1929  
Atwater, Eugene  
Birge, Knowlton R.  
Bosserman, Charles A.  
Clark, D. S., Ph.D.  
Cline, Frederick R.  
Cravitz, Philip  
Dunham, James W.  
Exley, Sidney T.  
Findlay, W. A., Ph.D.  
Fredendall, Beverly F.  
Grimes, Walter B.  
Haeff, Dr. A. V., M.S.  
Hugg, Ernest B.  
Keeling, Harry J.  
Kingman, Kenneth E.  
Larrecq, Anthony J.  
Lau, Kam Hu  
Lee, Edson C.  
Milliken, Donald B.

Mohr, William H.  
Myers, Albert E., Ph.D.  
Noland, Thomas J., Jr.  
Pierce, Firth  
Raitt, Russell W., Ph.D.  
Roberts, Bolivar  
Russell, Kenneth F.

1930  
Bechtold, Ira C.  
Blohm, Clyde L.  
Bode, Francis D., Ph.D.  
Bungay, Robert H.  
Butler, Albert  
Carlson, Chester F.  
Crawford, Franklin G.  
Giebler, Clyde  
Hopper, Rea E.  
Howse, S. Eric  
Johnson, Josef J.  
Johnston, Norris, Ph.D.  
Jones, Harlen R. E.  
Levine, Ernest  
Pritchett, Jack D.  
Ross, George A.  
Sawyer, H. G.  
Sheffet, David  
Strong, Austin W.  
Thayer, Eugene M.  
Towler, J. W.  
Zipser, Sidney

1931  
Arndt, Wm. Frederick  
Arnold, William A.  
Boothe, Perry M.  
Cogen, William M., Ph.D.  
Detweiler, John S.  
Ferguson, Lawrence L.  
Gerschler, James M.  
Green, E. F.  
Keeley, James H.  
Kinney, Edward S.  
Kircher, C. E., Jr.  
Langsner, George  
Leeper, Laverne D.  
Lehman, Robert M.  
Lewis, George E.  
McMillan, John R.  
Neher, H. Victor, Ph.D.  
Overhage, Carl F. J.  
Peer, Edward S.  
Peterson, R. A., Ph.D.  
Terry, Paul M.  
Widess, Rubin  
Wilmot, Charles A.

1932  
Aruerich, Paul F.  
Behlow, Lewis B.  
Bowden, Frederick W.  
Cox, John L.  
Finney, Howard W.  
Freeman, R. B., Ph.D.  
Harsh, Charles M.  
Hodge, Mills S.  
Jones, Charles W.  
Kent, William L.  
Lipp, James E., Ph.D.  
McLaughlin, James P.  
Pruden, Worrell F.

Schuhart, Mervin A.  
Sheffet, Joseph  
Shockley, William  
St. Clair, Robert W.  
Wilson, C. E., Ph.D.

1933  
Berkley, G. Merrill  
Binder, R. C., Ph.D.  
Bonillas, Ygnacio  
Clifford, Alfred H.  
Edwards, E. C., Ph.D.  
Fletcher, Robt. D., Ph.D.  
Johnson, J. Stanley  
Lewis, Wyatt H.  
Mathewson, Arthur, Jr.  
Mendenhall, John D.  
Meskell, John E.  
Poulson, D. F., Ph.D.  
Prater, Arthur N., Ph.D.  
Root, L. Eugene, M.S.  
Russell, Richard L.  
Scholtz, Walter  
Suhr, Henry B.  
Washburn, Dana E.  
Wattendorf, F. L., Ph.D.  
Widess, Moses B., Ph.D.  
Wilking, Arnold P.

1934  
Bollay, William, M.S.  
Boykin, Robert O.  
Childers, Milford C.  
Dietrich, Robert A.  
Donahue, Willis R., Jr.  
Escherich, Roland H.  
Etter, L. Fort  
Gordon, Garford  
Gulick, Howard E.  
Haskins, Ray W.  
Howard, Ernest R.  
Judson, Jack  
Kidd, Ray E.  
McCann, Gilbert, Ph.D.  
McFadden, Wm. C.  
McRae, James W., Ph.D.  
Miller, Guy O.  
Newton, Charles V.  
Parker, Richard T.  
Schaak, Frank A., Jr.  
Sharp, Robert P.  
Sherborne, John E.  
Ugrin, Nick T.  
Van Osdol, G. W.  
Von Huene, Rudolf  
Weaver, Glenn W.

1935  
Baldwin, Lawrence W.  
Browder, Lewis B.  
Davenport, H. W., Ph.D.  
Davenport, Lind B.  
Davies, James A.  
Deweese, Norman B.  
Dunbar, Oliver C.  
Fussell, Robert G.  
Gluckman, Howard P.  
Higley, John B.  
Jones, Robert G.  
Jones, Robert P.  
Ketchum, Milo C.

# FUND CONTRIBUTORS . . .

CONTINUED

Keyes, William F., Jr.  
Kramer, Robert L.  
La Rue, Robert O.  
Leppert, Elmer L., Jr.  
Levy, Henri A., Ph.D.  
Lindsay, Chester W.  
Nies, Nelson P.  
Pitzer, Kenneth S.  
Rader, Louis T., Ph.D.  
Ray, A. Allen  
Reynolds, Edward H.  
Ribner, Herbert S.  
Roehm, Jack M.  
Sheff, Sander D.  
Slater, Alfred L.  
Snow, Neil W.  
Stanley, Robert M.  
Stick, John C., Jr.  
Taylor, Jay C.  
Tooby, George J.  
Van Reed, Mabry

## 1936

Best, Charles W., M.S.  
Boothe, Raymond H. F.  
Bucknell, Wilson H.  
Bush, Kenyon T.  
Carley, Glenn R.  
Davis, Frank W.  
Dilworth, R. P., Ph.D.  
Douglass, Malcolm E.  
Gates, John I.  
Graham, Ernest W., M.S.  
Hamacher, Howard F.  
Hammond, Paul H.  
Harker, David., Ph.D.  
Henderson, Everett B.  
Jensen, Ray  
Johnson, F. L.  
Jones, Paul S.  
Jordan, Charles B.

Kasnicka, Edward J.  
Klocksiam, John P.  
La Boyteaux, Ellsworth  
McIntyre, Robert A.  
McMahon, Michael M.  
Morse, Charles A.  
Muller, Conrad R.  
Nutting, Perley G.  
Petersen, Richard J.  
Peugh, Verne L.  
Ramo, Simon, Ph.D.  
Schneider, Paul J.  
Serrell, Peter V. H.  
Smith, Apollo O.  
Spalding, Luther P.  
Stitt, Fred B., Ph.D.  
Thompson, Tyler, F.  
Unholtz, Karl  
Vermeulen, Theodore  
Whipp, David M.  
Young, Larry L., M. S.

## 1937

Brice, Richard T., Ph.D.  
Briggs, Stanford W.  
Butterworth, Wesley T.  
Ellison, Wm. J., Jr., M.S.  
Feuer, Stanley I.  
Francis, George F., M.S.  
Hyers, Donald H., Ph.D.  
Johnson, Carl B.  
Kinley, Jack C.  
Levinton, H. L., M.S.  
Lipson, Samuel L., M.S.  
Lockwood, Robert B.  
Mann, George E.  
Miller, Harry H.  
Miller, Nash H., M.S.  
Miller, Wendell B.  
Moore, Walter L.  
Paxson, Edwin W., Ph.D.

Peterson, Joseph J.  
Poggi, Martin J.  
Sullwold, John L.  
Summerfield, M., Ph.D.  
Van Dusen, C. A., Jr.  
Walley, Bernard  
Walseth, Erling S., M.S.  
Webster, Martin H.  
Wyckoff, Peter H.

## 1938

Baker, John R.  
Bertram, Sidney  
Cardwell, W. T., Jr.  
Claffin, Waldo M., M.S.  
Clarke, Charles W.  
Custer, Robert S.  
Davidson, Donald D.  
Davis, Leverett, Ph.D.  
Davis, Thomas V.  
Dennis, Paul A.  
DuFresne, Armand F.  
Farneman, John D.  
Friend, Carl F.  
Hopkins, Henry S.  
Ives, Philip T., Ph.D.  
Jennings, Stephen, M.S.  
Jurs, Albert E., Jr.  
Keller, Samuel H.  
Moore, Frederic H.  
Nagamatsu, H. T., Ph.D.  
North, Harper Q.  
Nunan, James K., M.S.  
Stone, Roland C.  
Wald, George, Jr.  
Watson, Samuel E., Jr.  
Weinberger, Edward L.  
Wilson, Gardner P.  
Wood, Homer J.

## 1939

Beanfield, B. F., M.S.  
Bishop, Richard H.  
Brown, Perry H.  
Cabeen, Wm. R., M.S.  
Carstarphen, Charles F.

Craft, C. Howard  
Crozier, George O.  
Fischer, Richard A.  
Flint, Delos E.  
Goodell, Jack H.  
Green, William M.  
Hance, Harold V.  
Knoblock, F. D., Ph.D.  
Levet, Melvin N.  
Longfelder, Harlowe J.  
McClung, Roderick M.  
McKinlay, James R.  
Macleish, Kenneth G.  
Pullen, Keats A.  
Ruggiero, Ralph J.  
Sanders, Robert A.  
Smith, Paul L.  
Snyder, Willard M.  
Stones, J. Eugene  
Sullivan, Edwin F.  
Tregidga, A. C., Ph.D.  
Wilson, Warren E. M.S.  
Winchell, Robert W.

## 1940

Avann, Sherwin P., Ph.D.  
Barber, George C.  
Blackinton, Roswell J.  
Brewer, Leo  
Brown, George R.  
Burton, Clifford C.  
Carson, Donald B.  
Daams, Gerrit  
Dickerson, Edward O.  
Doolittle, Russell  
Epstein, Ludwig I.  
Foster, Gerald P.  
Grigg, Robert W.  
Harper, John C.  
Helfer, Robert, Ph.D.  
Jongeneel, James W.  
Larson, Walter R.  
Loeffler, Donald E.  
Longwell, Paul A.  
Lovoff, Adolph, M.S.  
Marquardt, Roy E.

Moore, Robert S., M.S.  
Morse, Francis, M.S.  
Nakada, Yoshinao  
Newby, Clinton T.  
Quarles, Miller W., Jr.  
Russell, Charles D., M.S.  
Sandiford, P. L., Jr.  
Sargent, H. S., Ph.D.  
Smith, Randlow  
Spooner, William A.  
Stone, Newton C.  
Stone, William W., Jr.  
Stoner, Willis A.  
Stroud, Robert A.  
Sumner, Herbert C., M.S.  
Tielrooy, Jack  
Todd, George J.  
Tomiyasu, Kiyo  
Wasem, A. R.  
Weir, Gordon B.  
White, H. Jack  
Wouk, Victor, Ph.D.

## 1941

Bowles, Robert R.  
Bramhall, George H.  
Brooks, Phillip D.  
Casserly, Frank G.  
Chapin, Wm. F.  
Clarke, Frederick W.  
Coreoran, William H., Ph.D.  
Davis, Walter Z.  
Dickey, Frank H., Ph.D.  
Dobbins, Willis E.  
Elliott, Quentin  
Faust, Paul H.  
Gally, Sidney K.  
Greenhalgh, Francis M.  
Hall, Edward A., M.S.  
Harr, George B.  
Ikawa, Miyoshi  
Jones, Gilbert A.  
Jones, Jeremy A.  
Leighton, Robert B.  
Lewis, Joseph W.  
Partlow, John G.

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San Diego City Schools, 22nd and J Sts.  
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Consolidated Vultee Aircraft Corp.

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Reimers, George I.  
Rominger, Joseph F.  
Rupnik, John J., M.S.  
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Sohler, Stanley E.  
Spikes, John D., Ph.D.  
Stewart, Wilton A.  
Thiele, Frederick W.  
Wagner, William J.  
Wahrhaftig, A. L., Ph.D.  
Wallace, Roger  
Weight, Robert H., M.S.  
Widdoes, Lawrence C.  
Wood, David S., Ph.D.

## 1942

Albrecht, Albert P.  
Allan, John R.  
Atkinson, Thomas G.  
Bartlett, Edward R., Jr.  
Brockman, John A., Ph.D.  
Bruce, Victor G.  
Clark, Robert J.  
Clingan, Forest M.  
Cox, Richard H.  
Crater, Wilbur D.  
Densmore, Robert E., Jr.  
Felberg, Fred H.  
Fuller, W. P., Jr., M.S.  
Goldin, Robert, M.S.  
Greenwood, Robert, Ph.D.  
Grossberg, Arnold L.  
Hall, Robert N., Ph.D.  
Hendrickson, W. J., M.D.  
Holzman, George, Ph.D.  
Hunt, Carter  
Irving, Jack H.  
Johnson, Arlo F.  
Kirtley, Thomas L., M.S.  
Kumm, Emerson L.  
Larson, Erwin R.  
Lewis, E. B., Ph.D.  
Lyle, Francis V.  
McClain, John F., Jr.  
McDaniel, Gene W., M.S.  
MacRostie, Wayne  
Makepeace, Gershom R.  
Menard, Henry W., Jr.  
Miles, John W., Ph.D.  
Nyborg, Meredith M.  
Osborne, Herbert G.  
Paul, Albert D.  
Price, Harrison A.  
Rubel, John H.  
Savit, Carl H.  
Seibel, Charles M.  
Shapiro, Haskell  
Smith, Jack C., Ph.D.  
Smith, Lawrence W.  
Spurr, Robert A., Ph.D.  
Tomlinson, E. P., Ph.D.

Turner, William R.  
Urbach, Kenneth  
Van Orden, Roy C.  
Veenhuizen, Paul N. A.  
Weller, LeRoy A.

## 1943

Allrud, Ralph G.  
Bacon, John W., Jr.  
Buchanan, John W.  
Buettell, Theodore D.  
Carter, Claude L.  
Christianson, Warren L.  
Dazey, Mitchel H.  
Dubbs, Clyde A., Ph.D.  
Ellis, Albert T., Ph.D.  
Elmer, David A.  
Farmer, Howard N., Jr.  
Flavell, Edgar W.  
Fleischer, Edward P.  
Frost, Robert C.  
Garner, Harold K.  
Graner, Jesse B.  
Griffith, George D.  
Halpenny, William H.  
Hodder, Wayne K.  
Johnson, Kenneth W.  
Kendall, George A.  
Klein, David J., Ph.D.  
Lassen, H. A., Ph.D.  
Lawrence, Theodore G.  
Lee, E. S., Jr., M.S.  
Lee, Thomas S.  
Lingle, Harrison C.  
McGee, Charles G.  
Mattson, Doyle F.  
Mead, Orin J.  
Miller, Herman  
Moore, Robert A.  
Morgan, S. P., Jr., Ph.D.  
Neufeld, Lester N.  
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Schamberg, Richard  
Schneider, A. J. R., Ph.D.  
Sherwin, Robert M.  
Sin, Ralph G., Ph.D.  
Steinle, Shelton E.  
Stirling, C. W., M.S.  
Stone, Jack D.  
Strickland, Charles P.  
Tenney, Frederick  
Terrell, Oscar D.  
Tileston, Peter A.  
Warnken, John P., M.S.  
Wheelock, Wayne S.

## 1944

Andrews, Tway W.  
Bair, William P.  
Behrens, F. A., Jr.  
Brydolf, Robert  
Buller, Joseph S.

Carter, Thomas A., Jr.  
Chadwick, Joseph H., Jr.  
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Klock Rolf W.  
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Soike, Richard J.  
Solomon, Joseph  
Stern, John L.  
Warren, John C.  
Welliver, Clarence L.  
Zivic, John A.

## 1945

Ari, Victor A., M.S.  
Austin, Dale H.  
Bennett, R. R., Ph.D.  
Brough, Harry W.  
Cardall, John D., Jr.  
Collins, William L.  
Cutler, Charles R.  
Day, F. Miles  
Dodder, Donald C.  
Duncan, Donal B., Ph.D.  
Fenn, George S.  
Fleming, Wallis T.  
Francis, Donald L.  
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Harrington, Jerome S.  
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MacDougall, Donald D.  
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Neyland, C. E., M.S.  
Parker, Warren H., Jr.  
Parks, Jerome W.  
Schmoker, Robert F.  
Stefanoff, John J.

Stevenson, Kenneth M.  
Stone, Chester R.  
Tillman, Donald C.  
Traverse, Donald K.  
Wilkinson, Robert E.  
Williamson, M. A., Ph.D.

## 1946

Ahern, Dennis J.  
Arequedas, Jose A., M.S.  
Barnes, John W., M.S.  
Benton, Philip H.  
Bongardt, William G.  
Buford, Phillip N.  
Clapp, Roger W.  
Colley, Joseph P.  
Deodati, J. B., M.S.  
Dick, Charles W.  
Essig, Frederick C.  
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Fong, Conrad T., Ph.D.  
Frohman, Robert  
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Steele, Harry M., Jr.  
Stuart, Jay W., Jr.  
Weber, George P., M.S.  
Weldon, T. F., M.S.  
Zagorites, Jerry A.

## 1947

Bearson, Robert  
Beymer, Ellis H.  
Brueggemann, Harry P.  
Caldwell, David O.  
Comlossy, Harold, Jr.  
Cowan, Edwin J.  
DeGraff, H. H., Jr., M.S.  
Demuth, O. J.  
de Witte, L., Ph.D.  
Douglas, David L., Ph.D.  
Felberg, Richard L.  
Gerke, Richard C., M.S.  
Haas, Wendall M. B.  
Hardy, George F.  
Harrington, Walter, M.S.  
Harris, R. B., M.S.  
Hipsch, Harold M., Ph.D.  
Hodges, Merwyn E.  
Holtby, Kenneth F.  
Keck, Henry C.  
Lund, Le Val, Jr.  
McClure, Gordon  
McCourt, A. W., M.S.  
Mason, John L., Ph.D.

Mendes, Stanley H.  
Miller, Charles N.  
Moore, Return F.  
Mueller, Albert H.  
Nelson, Conrad N.  
Oswald, T. W., Ph.D.  
Pauw, Adrian, Ph.D.  
Rasmussen, Carl F.  
Riedel, John C.  
Rosener, Joseph, Jr.  
Roshko, Anatol, Ph.D.  
Six, Lyle D.  
Slaton, Jack H., M.S.  
Smith, James S.  
Terry, John P.  
Thomas, Dudley W., Ph.D.  
Trueblood, K. N., Ph.D.  
Van Deerlin, David B.  
Vieweg, Arthur F.  
Werner, Jerard  
Woodbury, E. J., Ph.D.

## 1948

Allingham, John W.  
Anderson, R. A., Ph.D.  
Baugh, Harold W.  
Bayley, Rupert M.  
Beder, Earl  
Boutelle, George W.  
Brown, James R., Ph.D.  
Brown, Robert J. S.  
Butler, Stuart M., Jr.  
Caprio, Joseph M.  
Carroll, William J.  
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Cox, Arthur N.  
Dickson, E. B., M.S.  
Drew, William A.  
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Fletcher, Taylor C.  
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Harrison, Warren D.  
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Lewis, Howard B., Jr.  
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Loveless, Donald E.  
McCarthy, John  
McEuen, Albert H.  
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Spellman, Richard A.  
Stix, Thomas H.  
Strain, Douglas C.  
Talmadge, R. B., Ph.D.  
Thomas, John W., M.S.  
Waters, Alfred E., II  
Whittaker, A. G., Ph.D.  
Wilkinson, Donald P.  
Worcester, Bruce A.  
Zacharias, Robert

1949

Andres, John M.  
Archer, William E.  
Barnes, Stanley M.  
Berry, Virgil J. Jr., M.S.  
Breaux, Gerald P., M.S.  
Brown, Douglas R.  
Cantwell, Joseph R.  
Comstock, G. E., III, M.S.  
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Forester, R. D., Ph.D.  
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Karzas, William J.  
Kashiwabara, Naomi  
Keinonen, Frank W.  
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Kohnen, Keith D.

Kostelac, John F.  
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Myers, Ridley  
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Patterson, Richard L.  
Perry, Byrne  
Peterson, Donald W.  
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Powell, David O.  
Prevost, Walter G.  
Pyle, William D.  
Rose, Theodore W.  
Rosticky, Fred G., M.S.  
Ryder, Dale D.  
Saltman, Paul D., Ph.D.  
Satre, Leland H.  
Schneider, Fred C.  
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Shelton, Frank H., Ph.D.  
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Sinclair, Rolf M.  
Smith, Wm. W., Jr., M.S.  
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Stewart, Robert M., Jr.  
Sylvies, William A.  
Terwilliger, Kent M.  
Vaughan, P. A., Ph.D.  
Vogel, Milton C.  
Walquist, Robert L.  
Ward, Wm. W., Ph.D.  
Waters, Warren P.  
Webster, Wilton W., Jr.  
Wilts, James R., Ph.D.  
Woodbury, H. Hugh, Ph.D.  
Woods, William C. A.

1950

Baker, Donald R.  
Bartz, Donald R., M.S.

Booth, Galt B.  
Brooks, M. C., Ph.D.  
Buck, Richard P.  
Cox, William P.  
Dayman, Bain, Jr.  
Drury, Frederick W., Jr.  
Erickson, Ralf A.  
Fink, Norman S.  
Frick, Leo F., A.E.  
Gage, Boyd M.  
Greene, John M.  
Gross, F. A., M.S.  
Haefliger, William W.  
Hakala, Palmer E., M.S.  
Hall, Michael A.  
Hammond, Kenneth J.  
Hickey, Malcolm V.  
Howell, Peter A.  
Jenkins, Rodman, Ph.D.  
Johansson, Eric B.  
Kam, Merle T.  
Katz, Louis  
Kendall, Donald V.  
Knipe, Richard H.  
McCaldin, J. O., Ph.D.  
McIntyre, Richard M.  
McLellan, Wm. Howard  
MacKenzie, D. B., Ph.D.  
Markoff, Daniel  
Meghreblian, R. V., Ph.D.  
Montgomery, Jay A.  
Mosich, John T.  
Pastan, Harvey L., M.S.  
Picciotto, Roger A.  
Proud, William H.  
Quandt, Ronald Lewis  
Romero, Marco A.  
Ross, Martin N.  
Schuch, Adam F.  
Schuyler, Arent H., Jr.  
Shapiro, Henry  
Sims, Virgil J., Jr.  
Smoot, Roland Nesbit  
Spencer, Eugene  
Staats, William Thomas  
Stowe, Bruce B.  
Strauss, B. S., Ph.D.  
Weeks, LeRoy W.  
Worrell, Edsel A.  
Wright, Richard Bruce

1951

Adler, Robert G.

Baily, Frederick G.  
Bates, Charles J.  
Bible, Robert E.  
Boblett, Emil V.  
Brown, E. A., Jr., M.S.  
Bunker, Rodney S.  
Caldwell, Ronald T.  
Campbell, G. S., M.S.  
Carter, Joseph M., M.S.  
Clark, Bert H.  
Cleland, G. H., Ph.D.  
Elder, John  
Enslow, James A.  
Hallstrom, John V.  
Helfrey, Paul F.  
Hermann, Julius  
Homewood, R. H., M.S.  
Hooper, Frank L.  
Houser, Bradford C.  
Hull, Herbert M., Ph.D.  
Ibers, James A., Ph.D.  
Ito, Henry  
Jaskowsky, W. F., M.S.  
Kamei, Hiroshi  
Kinkel, John F.  
Klarfeld, Marshall L.  
Koerner, Terry W.  
LeMay, Dan B.  
Martin, Harold F.  
Mason, Peter V.  
Merkel, George  
Merritt, R. G., M.S.  
Mickey, Frederick, M.S.  
Narud, Jan A.  
Nuno, Richard K.  
Paulson, Charles T.  
Pfeiffer, Walter F.  
Sato, Kazubiko  
Sawyer, George M.  
Sharp, Richard S.  
Staples, Wm. D., M.S.  
Steese, Charles M., Jr.  
Sweet, Sanford S.  
Walp, Robert M.

1952

Altermatt, Robert B.  
Baier, Rodger  
Bettman, Max., Ph.D.  
Blair, Robert  
Butler, Sherman E.  
Callaghan, Michael  
Carrington, Tucker, Ph.D.

Cook, Samuel P.  
Cuff, Leland  
Ghauri, Waheed K.  
Greene, Malbone  
Holm, Robert J., A.E.  
Howell, John L.  
Irwin, William W.  
Israelsen, Boyd P.  
Jackson, Harold L.  
Karasawa, Richard Y.  
Kelly, Peter M., M.S.  
Koons, David  
Larson, Carl V.  
Lew, Clinton  
Oliver, Robert  
Perpall, Robert C.  
Phillips, Robert M.  
Rogers, John J. W.  
Staten, Wm. H., M.S.  
Stegall, Gilbert E., M.S.  
Wagner, Dudley W.  
Wise, William L.  
Wong, Edgar

1953

Arens, Moses, M.S.  
Atkinson, J. H., Jr., M.S.  
Bates, Philip K., Jr.  
CoNine, R. Dysart  
Crespo, Manuel J.  
Delcamp, John N.  
Eager, Walter J.  
Gardner, William D.  
Gee, John D.  
Hunt, H. Robert, M.S.  
Johnston, David  
LaTourrette, James T.  
LeTourneau, Budd W.  
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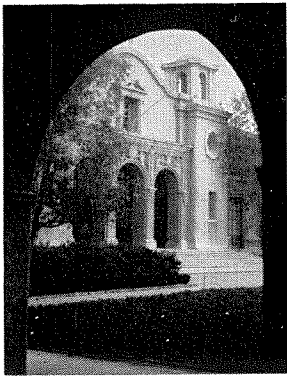
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## ALUMNI DINNER MEETING

November 3, 7:00 p.m.  
Rudi's Italian Inn  
3773 Crenshaw, Los Angeles

Speaker: Bruce Findlay  
Asst. Superintendent of  
Schools, Los Angeles



### ALUMNI CALENDAR

November 3	Dinner Meeting
January 12	Dinner Meeting
February 5	Dinner Dance Oakmont Country Club
April 16	Alumni Seminar Day
June 8	Annual Meeting Elks Club

### CALTECH ATHLETIC SCHEDULE

#### VARSITY FOOTBALL

Oct. 2, 8 p.m.	Pomona at the Rose Bowl
Oct. 8, 8 p.m.	L.A. State at L.A. State
Oct. 16, 8 p.m.	Redlands at the Rose Bowl
Oct. 23, 8 p.m.	Whittier at the Rose Bowl
Oct. 30, 2:15 p.m.	Pomona at Pomona

#### FROSH FOOTBALL

Oct. 16, 2:15 p.m.	Occidental at Caltech
Oct. 23, 5:15 p.m.	Caltech at Whittier
Oct. 30, 2:15 p.m.	Pomona at Caltech

## ALUMNI ASSOCIATION

### CALIFORNIA INSTITUTE OF TECHNOLOGY

Pasadena, California

#### BALANCE SHEET as of June 30, 1954

ASSETS	
Cash in Bank	\$ 350.55
Postage Deposit	33.54
Investments:	
Share in Consolidated Portfolio of C.I.T. 6-30-54, prior to current year capital gain	\$33,488.76
Share in Savings account	8,325.04
U.S. Savings Bonds cost	222.00
Total Investments	42,035.80
Furniture & Fixtures at nominal amount	1.00
<b>TOTAL ASSETS</b>	<b>\$42,420.89</b>
LIABILITIES	
Accounts Payable	\$ 232.12
1954-55 Membership Dues paid in advance	\$5,588.50
<b>TOTAL LIABILITIES</b>	<b>5,820.62</b>
RESERVES	
Life Membership Reserve: Fully paid life memberships	32,045.00
Payments on life memberships under the installment plan	115.00
<b>TOTAL RESERVE</b>	<b>32,160.00</b>
SURPLUS	
Balance June 30, 1954	4,450.45
Excess of expense over income for the year ended June 30, 1954	10.18
<b>TOTAL SURPLUS</b>	<b>4,440.27</b>
<b>TOTAL LIABILITIES, LIFE MEMBERSHIP, RESERVE, AND SURPLUS</b>	<b>\$42,420.89</b>

#### STATEMENT OF INCOME For the year ended June 30, 1954

INCOME	
DUES	\$ 9,379.50
Less: Subscriptions to Engineering and Science Monthly for Association Members	7,200.00
Net Income from Dues	\$ 2,179.50
INCOME FROM CONSOLIDATED PORTFOLIO OF C.I.T.	
Investment Income & Interest Income	1,877.89
PROGRAM AND SOCIAL FUNCTIONS:	
Income	2,450.00
Expense	2,789.32 (338.82)
ANNUAL SEMINAR:	
Income	2,238.00
Less Expense	2,012.94 225.06
SUNDRY INCOME:	
	33.60
<b>NET RECEIPTS</b>	<b>\$ 3,977.23</b>
EXPENSES	
ADMINISTRATION:	
Directors' expense	1931.91
Postage	1,102.48
Printing & supplies	629.02
Total Administration	1,925.41
Alumni Membership Solicitation	353.76
Fund solicitation	867.14
Student Relations expense	100.00
Directory Expenses (Current year cost not covered by provisions)	741.10
Total Expense	3,987.41
<b>NET LOSS TO SURPLUS</b>	<b>\$ 10.18</b>

#### AUDITOR'S REPORT

Alumni Association  
California Institute of Technology  
Pasadena, California

I have examined the balance sheet of the Alumni Association, California Institute of Technology as of June 30, 1954, 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 I considered necessary in the circumstances. In my opinion, the accompanying balance

sheet and statement of income present fairly the financial position of the Alumni Association, California Institute of Technology at June 30, 1954, 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.

September 24, 1954

DALE J. STEPHENS,  
Public Accountant  
South Pasadena

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