

REPORT OF INDEPENDENT AUDITORS AND FINANCIAL STATEMENTS

FOR

THE SALK INSTITUTE FOR BIOLOGICAL STUDIES

June 30, 2017 and 2016

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Report of Independent Auditors

The Board of Trustees
The Salk Institute for Biological Studies

Report on Financial Statements

We have audited the accompanying financial statements of The Salk Institute for Biological Studies, which comprise the statements of financial position as of June 30, 2017 and 2016, and the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of The Salk Institute for Biological Studies as of June 30, 2017 and 2016, and the changes in net assets and cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

San Diego, California

Moss Adams LLP

September 29, 2017

The Salk Institute for Biological Studies Statements of Financial Position June 30, 2017 and 2016 (In Thousands)

	June 30,			
		2017		2016
ASSETS				
Cash and cash equivalents	\$	9,626	\$	11,957
Receivables and other assets, net		13,495		12,364
Contributions receivable, net		34,143		32,365
Funds held by trustees		11,994		10,704
Investments		353,691		316,337
Property, net		77,650		72,684
Total assets	\$	500,599	\$	456,411
LIABILITIES AND NET	ASSETS			
Liabilities				
Accounts payable and accrued expenses	\$	21,255	\$	19,672
Unexpended advances		24,536		25,931
Retirement obligations		6,504		7,017
Debt		63,237		55,811
Total liabilities		115,532		108,431
Commitments and Contingencies (Note 10)				
Net Assets				
Unrestricted		88,141		80,302
Temporarily restricted		110,130		90,775
Permanently restricted		186,796		176,903
Total net assets		385,067		347,980
Total liabilities and net assets	\$	500,599	\$	456,411

The Salk Institute for Biological Studies Statement of Activities Year Ended June 30, 2017 (In Thousands)

	Unrestricted		Temporarily Restricted		•		2017 Total
REVENUES, GAINS, AND OTHER SUPPORT							
Grants	\$	77,542	\$	-	\$	-	\$ 77,542
Contributions		3,585		25,170		9,893	38,648
Other		3,462		-		-	3,462
Investment return designated for							
current operations		6,201		8,080		-	14,281
Net assets released from restrictions		25,569		(25,569)		-	-
Total revenues, gains, and other support		116,359		7,681		9,893	133,933
EXPENSES		_					
Research		100,730		-		-	100,730
Management and general		14,307		-		-	14,307
Fundraising		4,636		-		-	4,636
Total expenses		119,673		-			119,673
EXCESS (DEFICIENCY) OF REVENUES, GAINS, AND OTHER SUPPORT OVER EXPENSES		(3,314)		7,681		9,893	14,260
INVESTMENT GAIN IN EXCESS OF AMOUNT DESIGNATED FOR CURRENT OPERATIONS UNDER SPENDING POLICY		10,597		11,674		-	22,271
POST-RETIREMENT BENEFIT CHANGES OTHER THAN NET PERIODIC BENEFIT COST		556		<u>-</u>		<u>-</u>	556
CHANGE IN NET ASSETS		7,839		19,355		9,893	37,087
NET ASSETS Beginning of year		80,302		90,775		176,903	347,980
End of year	\$	88,141	\$	110,130	\$	186,796	\$ 385,067

The Salk Institute for Biological Studies Statement of Activities Year Ended June 30, 2016 (In Thousands)

	Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Unrestricted		Temporarily Restricted		Permanently Restricted		2016 Total
REVENUES, GAINS, AND OTHER SUPPORT																											
Grants	\$	78,746	\$	-	\$	-	\$ 78,746																				
Contributions		2,386		15,300		4,393	22,079																				
Other		3,009		-		-	3,009																				
Investment return designated for																											
current operations		5,657		8,397		-	14,054																				
Net assets released from restrictions		20,481		(20,481)			<u>-</u>																				
Total revenues, gains, and other support		110,279		3,216		4,393	117,888																				
EXPENSES																											
Research		99,171		-		-	99,171																				
Management and general		13,163		-		-	13,163																				
Fundraising		4,842		-		-	4,842																				
Total expenses		117,176		-		-	117,176																				
EXCESS (DEFICIENCY) OF REVENUES, GAINS, AND OTHER SUPPORT OVER EXPENSES		(6,897)		3,216		4,393	712																				
INVESTMENT LOSS IN EXCESS OF AMOUNT DESIGNATED FOR CURRENT OPERATIONS UNDER SPENDING POLICY		(12,488)		(16,880)		-	(29,368)																				
POST-RETIREMENT BENEFIT CHANGES OTHER THAN NET PERIODIC BENEFIT COST		(383)				_	(383)																				
CHANGE IN NET ASSETS		(19,768)		(13,664)		4,393	(29,039)																				
NET ASSETS Beginning of year		100,070		104,439		172,510	377,019																				
End of year	\$	80,302	\$	90,775	\$	176,903	\$ 347,980																				

The Salk Institute for Biological Studies Statements of Cash Flows Years ended June 30, 2017 and 2016 (In Thousands)

	Years Ended June 30,					
		2017	2016			
OPERATING ACTIVITIES		<u>.</u>		_		
Change in net assets	\$	37,087	\$	(29,039)		
Adjustments to reconcile change in net assets to net cash						
provided by (used in) operating activities:						
Depreciation and amortization		10,205		10,846		
Allowance for uncollectible pledges receivable		-		1,603		
Contributions restricted for investment in perpetuity		(1,784)		(3,918)		
Net (gain) loss on investments and funds held by trustees		(36,266)		18,098		
Changes in assets and liabilities:						
Receivables and other assets		(1,131)		658		
Contributions receivable		(6,619)		566		
Accounts payable and accrued expenses		1,583		(1,740)		
Unexpended advances		(1,395)		(662)		
Retirement obligations		(513)		423		
Net cash provided by (used in) operating activities		1,167		(3,165)		
INVESTING ACTIVITIES						
Purchases of property		(15,131)		(8,257)		
Purchases of investments		(206,733)		(110,431)		
Proceeds from sales of investments		204,568		102,801		
Net cash used in investing activities		(17,296)		(15,887)		
FINANCING ACTIVITIES						
Proceeds from contributions restricted for investment						
in perpetuity		6,625		6,619		
Debt proceeds		8,214		20,180		
Payments on debt		(828)		(16,061)		
Additions to funds held by trustees		(2,447)		(2,244)		
Proceeds from sale of funds held by trustees		2,234		18,442		
Net cash provided by financing activities		13,798		26,936		
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS		(2,331)		7,884		
CASH AND CASH EQUIVALENTS						
Beginning of year		11,957		4,073		
End of year	\$	9,626	\$	11,957		
SUPPLEMENTAL DISCLOSURE OF CASH FLO)/// IVIE/					
Cash payments for interest	אינ אינ. \$	2,598	\$	2,421		
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Note 1 - Nature of the Institute

The Salk Institute for Biological Studies, San Diego, California (the "Institute") conducts basic biomedical research funded primarily with grants and contributions from agencies of the United States government, foundations, and the general public.

The Institute is a California not-for-profit public benefit corporation exempt from income taxes under Section 501(c)(3) of the Internal Revenue Code and Section 23701(d) of the California Revenue and Taxation Code. Income determined to be unrelated business income is taxable, when present.

Note 2 - Significant Accounting Policies

General – The financial statements have been prepared on the accrual basis of accounting and in accordance with accounting principles generally accepted in the United States of America ("GAAP"). Net assets and activities are presented as unrestricted, temporarily restricted, and permanently restricted based on related donor restrictions or lack of such restrictions. Unrestricted net assets represent expendable funds available for operations, which are not otherwise limited by donor restrictions. Temporarily restricted net assets consist of contributed funds whose use is limited by donor-imposed restrictions that either expire by passage of time or can be fulfilled and removed by actions of the Institute pursuant to the stipulations. Permanently restricted net assets are subject to irrevocable donor restrictions requiring the assets be maintained in perpetuity, usually for the purpose of generating investment income to fund research and other activities.

The costs of providing program services and other activities are summarized on a functional basis in the statements of activities and, accordingly, certain costs have been allocated among the activities benefited.

Revenue Recognition:

Grants – Grant revenue is recognized as unrestricted revenue when the related research costs are incurred, up to the maximum grant amount. Unspent grant funds received in advance of the related expenditures are reported as unexpended advances. Reimbursement for indirect expenses on certain research grants is based on specified rates applied to allowable direct expenses.

Contributions – Contributions are recorded as revenue at fair value when unconditionally pledged or when received, whichever is earlier. Contributions subject to donor-imposed restrictions for use in a future period or for a specific purpose are reported as either temporarily or permanently restricted, depending on the nature of the donor's restriction. When a donor restriction expires or is fulfilled, temporarily restricted net assets are reclassified to unrestricted net assets and reported in the statements of activities as net assets released from restrictions.

Note 2 - Significant Accounting Policies (continued)

Contributions (continued) – Contributions of equipment or other long-lived assets are recognized when pledged or received, whichever is earlier, and recorded at the fair value of the contributed asset at the time of donation. If donors stipulate how long the assets must be used, the contributions are recorded as restricted support. In the absence of such stipulations, contributions of property and equipment are recorded as unrestricted support.

Cash and Cash Equivalents – Cash and cash equivalents are defined as cash on hand and in banks, plus highly liquid investments, which fund the daily operating activities of the Institute and have a maturity, at the date of purchase, of three months or less. Cash and cash equivalents held within the investment portfolio as part of the Institute's investment strategy are included in investments on the statements of financial position.

Receivables and Other Assets – Receivables and other assets include amounts billed and unbilled on grants and other agreements through June 30. An allowance for estimated uncollectible accounts is recorded based on past experience and an analysis of current receivable balances. Accounts are written off against the allowance when deemed uncollectible. Management has determined that an allowance of \$39 is necessary at June 30, 2017 and 2016.

Also included in receivables and other assets is the Institute's beneficial interest in split-interest agreements which provide for the payment of distributions to the donor or other designated beneficiaries over the split-interest agreement's term (usually the beneficiary's lifetime). At the end of a split-interest agreement's term, the remaining assets are available for use by the Institute for the purpose specified by the donor. The portion of the assets attributable to the fair value of the future benefits to be received by the Institute is recorded on the statement of activities as temporarily or permanently restricted contribution revenue in the year the split-interest agreement is established. The fair value of the Institute's beneficial interest in split-interest agreements totaled \$2,121 and \$2,323 at June 30, 2017 and 2016, respectively.

Contributions Receivable – Contributions receivable consists of unconditional promises to give. Unconditional promises to give that are expected to be collected in future years are recorded at fair value when the promise is made, based on a discounted cash flow model. The discounts on these amounts are computed using risk-free rates established at the time those promises are received. The discount rates for the contributions receivable range from 0.625 percent to 2.75 percent as of June 30, 2017. Amortization of the discounts is included in contributions. Conditional promises to give are not recorded as revenue until the conditions are substantially met. An allowance for estimated uncollectible contributions receivable is recorded based on management's judgment and analysis of the creditworthiness of the donors, past collection experience, and other relevant factors. Accounts are written off against the allowance when deemed uncollectible. Management has determined that an allowance for uncollectible contributions receivable of \$1,603 is necessary as of June 30, 2017 and 2016.

Note 2 - Significant Accounting Policies (continued)

Investments – Investments in marketable securities are carried at their fair values based on quoted prices in an active market. Alternative investments for which quoted market prices are not available are valued at fair value by third-party fund managers or the general partners of the related investment partnerships, based on factors deemed relevant by the third-party fund managers or the general partners including, but not limited to, market conditions, purchase price, estimated liquidation value, restrictions on transfer, and meaningful third-party transactions in the private market. The Institute's Finance Department, under the supervision of the Chief Financial Officer, determines the investment fair value measurement policies and procedures in consultation with the Institute's investment consultant. These policies and procedures are reassessed at least annually to determine if the current valuation techniques are still appropriate. At that time, the unobservable inputs used in the fair value measurements are evaluated and adjusted, as necessary, based on current market conditions and other third-party information. The Institute reviews and evaluates the values provided by third-party fund managers and general partners and agrees with the valuation methods and assumptions used in determining the fair value of alternative investments. For these investments, the Institute uses the net asset value ("NAV") provided by the investment fund managers to evaluate the fair value of the investments (see Notes 4 and 9). The NAV may be adjusted based on liquidity factors or other information about the investments that management considers significant to the valuation of the investments.

Realized and unrealized gains and losses are included in investment return in the change in net assets on the accompanying statements of activities.

Funds Held by Trustees – At June 30, 2017 and 2016, funds held by trustees include \$1,377 and \$1,367, respectively, required to be held in a separate account under the Certificates of Participation agreement and revenue bonds (Note 6) and are comprised of cash and cash equivalents. In addition, funds held by trustees include \$10,617 and \$9,337 at June 30, 2017 and 2016, respectively, held in mutual funds in a rabbi trust to pay the benefits provided by the Institute's retiree health plan (Note 8). Funds held by trustees held in fixed income and large cap equity mutual funds are carried at their fair value based on quoted prices in an active market.

Property – Property, including land, buildings, and equipment, is carried at cost. The Institute capitalizes acquisitions of property of \$5 or more. Depreciation and amortization are recorded using the straight-line method over estimated useful lives of the assets ranging from 3 to 50 years.

Impairment of Long-lived Assets – The Institute evaluates long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying value of an asset may not be recoverable. If the estimated future cash flows (undiscounted and without interest charges) from the use of an asset are less than the carrying value, a write-down will be recorded to reduce the related asset to its estimated fair value. To date, no such write-downs have occurred.

Note 2 - Significant Accounting Policies (continued)

Endowments – The Institute's endowment consists of 108 individual funds established for a variety of purposes. The endowment includes both donor-restricted endowment funds and funds designated by the Board of Trustees (the "Board") to function as endowments. Net assets associated with endowment funds, including funds designated by the Board to function as endowments, are classified and reported based on the existence or absence of donor-imposed restrictions.

The Institute classifies as permanently restricted net assets (a) the original value of gifts donated to the permanent endowment, (b) the original value of subsequent gifts to the permanent endowment, and (c) accumulations to the permanent endowment made in accordance with the direction of the applicable donor gift instrument at the time the accumulation is added to the fund. The remaining portion of the donor-restricted endowment fund that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are appropriated for expenditure by the Institute in a manner consistent with the standard of prudence prescribed by California's enacted version of the Uniform Prudent Management of Institutional Funds Act of 2006 ("UPMIFA"). In accordance with UPMIFA, the Institute considers the following factors in making a determination to appropriate or accumulate donor-restricted endowment funds:

- 1) The duration and preservation of the fund;
- 2) The purposes of the Institute and the donor-restricted endowment fund;
- 3) General economic conditions;
- 4) The possible effect of inflation and deflation;
- 5) The expected total return from income and the appreciation of investments;
- 6) Other resources of the Institute; and
- 7) The investment policies of the Institute.

The Institute has adopted investment and spending policies for endowment assets that attempt to provide a predictable stream of funding to programs and activities supported by its endowment while seeking to maintain the purchasing power of the endowment assets. The Institute's spending and investment policies work together to achieve this objective. The investment policy establishes an achievable return objective through diversification of asset classes. The current long-term return objective is a total return, over rolling ten-year periods, which exceeds biomedical inflation by an average of 5 percent per year. Actual returns in any given year may vary from this amount.

To satisfy its long-term rate-of-return objectives, the Institute relies on a total return strategy in which investment returns are achieved through both capital appreciation (realized and unrealized) and current yield (interest and dividends). The Institute targets a diversified asset allocation with a bias toward equity-based investments to achieve its long-term return objectives within prudent risk constraints.

Note 2 - Significant Accounting Policies (continued)

The Institute has a policy of appropriating for distribution each year a percentage of its endowment funds' average fair value over the prior 12 quarters. The percentage distribution is determined annually by the Board in the budget approval process and was 5 percent for each of the years ended June 30, 2017 and 2016. In establishing this policy, the Institute considered the long-term expected return on its endowment. Accordingly, over the long term, the Institute expects the current spending policy to allow its endowment to grow at an average of the biomedical inflation rate annually. This is consistent with the Institute's objective to maintain the purchasing power of the endowment assets held in perpetuity or for a specified term with the goal of meeting current and future cash flow requirements, as well as to provide additional real growth through new gifts.

Use of Estimates – The preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Risks and Uncertainties – The Institute invests in various types of securities which are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near-term and such changes could materially affect the amounts reported in the statement of financial position.

In recent years, there has been significant volatility in the domestic and international investment markets. Consequently, the fair value of the Institute's investments is exposed to price volatility which could result in a substantial change in the fair value of certain investments from the amounts reported as of June 30, 2017.

Reclassifications – Certain reclassifications have been made to the 2016 amounts in order to conform to the presentation for the year ended June 30, 2017, with no impact to net assets.

Subsequent Events – Subsequent events are events or transactions that occur after the statement of financial position date but before the financial statements are issued. The Institute recognizes in the financial statements the effects of all significant subsequent events that provide additional evidence about conditions that existed at the date of the statement of financial position, including the estimates inherent in the process of preparing the financial statements. The Institute's financial statements do not recognize subsequent events that provide evidence about conditions that did not exist at the date of the statement of financial position but arose after the statement of financial position date and before the financial statements are available to be issued.

The Institute has evaluated subsequent events through September 29, 2017, which is the date the financial statements were available to be issued.

Note 3 - Contributions Receivable

Contributions receivable are summarized as follows at June 30:

	2017		2016		
Contributions receivable to be paid in:	·				
Less than one year	\$	29,088	\$	9,735	
One to five years		7,025		8,366	
More than five years		-		20,100	
	•	36,113		38,201	
Less:					
Unamortized discount		(367)		(4,233)	
Reserve for uncollectible pledges		(1,603)		(1,603)	
Total contributions receivable, net	\$	34,143	\$	32,365	

At June 30, 2017 and 2016, net contributions receivable of \$7,743 and \$5,665, respectively, are from members of the Board.

Note 4 - Investments

The Institute's portfolio is managed by an independent professional investment manager subject to direction and oversight by a committee of the Board. The manager is authorized to invest in alternative investments to increase portfolio diversification and return and reduce volatility. Included in investment returns are investment advisory fees of \$1,634 and \$433 for the years ended June 30, 2017 and 2016, respectively.

Investments include endowment funds and general funds of the Institute. The Board has designated a portion of the Institute's cumulative investment return on general funds to be used for support of current operations. Under the Institute's spending policy, the Board determines annually a percentage of the average of the fair value of the Institute's general fund investment balances for the previous twelve quarters for appropriation to support current operations. The spending rate was 5 percent in 2017 and 2016.

Note 4 - Investments (continued)

Investments are summarized as follows at June 30:

	2017		2016		
Marketable securities:		_			
Cash and cash equivalents	\$	16,523	\$	99,207	
U.S. Treasury securities		29,954		-	
Equity securities		31,457		15,844	
Mutual funds:					
Long only equity		43,214		-	
Fixed income		15,184		-	
Emerging markets		14,753		12,380	
Global equity				50,599	
Total marketable securities		151,085		178,030	
Alternative investments:				·	
Global equity funds		80,307		30,441	
Fixed income funds		34,708		41,310	
Distressed securities funds		34,674		38,779	
Emerging markets funds		18,949		24,179	
Long only equity funds		13,969		-	
Long/short equity funds		11,553		170	
Private equity funds		7,091		3,428	
Real estate funds		1,355			
Total alternative investments		202,606		138,307	
Total investments	\$	353,691	\$	316,337	

Note 4 - Investments (continued)

Alternative Investments – Alternative investments are generally less liquid than the Institute's other investments and invest primarily in the following:

Global equity funds – shares of companies listed on stock exchanges worldwide.

Fixed income funds – investment-grade debt and fixed income securities, fixed- and floating-rate debt securities, and debt obligations of governments or government-related issuers worldwide.

Distressed securities funds – distressed debt and mortgage investments, undervalued securities, private investments, debt and equity securities of companies involved in or affected by the real estate and mortgage crisis, and fixed income securities, including commercial bank loan debt.

Emerging markets funds – financial markets of developing countries.

Long only equity funds – long only investments in publicly traded equity securities in the healthcare sector.

Long/short equity funds – global investments in equities, commodities, and currencies on both the long and short side.

Private equity funds – pooled investment vehicles purchased from existing owners and not from the issuers of such investments and in the communications, media, and technology sectors.

Real estate funds – global investments in agriculture and timber, as well as a broad range of real estate investments in Western Europe.

The fair values of the alternative investments have been estimated using the NAV of the Institute's ownership interest in the funds or the Institute's share of partners' capital.

Note 4 - Investments (continued)

The nature and risks of the alternative investments as of June 30, 2017, are summarized as follows:

	Fair Value	Unfunded Commitments	Redemption Frequency (if eligible)	Redemption Notice Period	Additional Redemption Terms and Restrictions
Global equity funds	\$ 80,307	\$ -	bi-monthly, monthly	7-15 days	Generally, subject to the suspension of redemption rights if in the best interest of the fund. Redemptions subject to minimum withdrawal amounts, redemption fees, and/or a 25% fund level gate.
Fixed income funds:					
Active	26,910	-	daily	2 days	Subject to the suspension of redemption rights if in the best interest of the fund and a 25% fund level gate.
Non-redeemable	7,798	10,249	n/a	n/a	Not eligible for redemption. \$1,800 in a fund for which the investment period has not ended and the remaining life is anticipated to be 11-13 years. \$5,998 in funds with remaining lives of 9-12 years.
Distressed securities funds: Active	23,179	-	bi-annually, annually, biennially	60-180 days	Generally, subject to the suspension of redemption rights if in the best interest of the fund. Full redemption of the investments may occur over a period of up to three years.
Non-redeemable	6,541	1,394	n/a	n/a	Not eligible for redemption. Remaining life of fund up to 4 years.
Liquidating	4,954	-	n/a	n/a	Distributions may extend through February 1, 2024.
Emerging markets funds	18,949	-	quarterly	45-60 days	Subject to the suspension of redemption rights if in the best interest of the fund.
Long only equity funds	13,969	-	quarterly	45 days	Subject to the suspension of redemption rights if in the best interest of the fund and a 25% fund level gate. Eligible for redemption after November 1, 2018.
Long/short equity funds:					, =====
Active	11,419	-	quarterly	3 months	Generally, subject to the suspension of redemption rights if in the best interest of the fund.
Liquidating Private equity funds:	134	-	n/a	n/a	Not eligible for redemption
Non-redeemable	6,214	16,018	n/a	n/a	Not eligible for redemption. Remaining lives of the funds 9 to 14 years.
Liquidating	877	1,179	n/a	n/a	Not eligible for redemption
Real estate funds	1,355	11,064	n/a	n/a	Not eligible for redemption. Remaining lives of the funds 13 to 18 years.
	\$ 202,606	\$ 39,904			

Note 4 - Investments (continued)

The Institute is in the process of restructuring its investment portfolio and entered into certain alternative investments during the year ended June 30, 2017 for which no amounts were funded as of June 30, 2017, but for which there are unfunded commitments of \$45,000. Subsequent to June 30, 2017, the Institute entered into additional alternative investments which have unfunded commitments of \$8,600. The Institute also sold approximately \$51,000 of mutual funds subsequent to June 30, 2017 and used the proceeds toward the purchase of approximately \$35,000 of alternative investments and \$21,000 of equity securities.

The composition of investment return includes the following for the years ended June 30, 2017 and 2016:

	2017							
	Un	restricted	Temporarily Restricted		Perma Restr	•		Total
Interest and dividends Net gain	\$	399 16,399	\$	308 19,446	\$	<u>-</u>	\$	707 35,845
Investment return		16,798		19,754		-		36,552
Investment return designated for current operations		6,201		8,080		<u>-</u>		14,281
Investment gain in excess of amounts designated for								
current operations	\$	10,597	\$	11,674	\$		\$	22,271
	2016							
			Te	mporarily	Perma	nently		
	Un	restricted	Re	estricted	Restr	ricted		Total
Interest and dividends Net loss Investment return	\$	1,300 (8,131) (6,831)	\$	1,475 (9,958) (8,483)	\$	- - -	\$	2,775 (18,089) (15,314)
Investment return designated for current operations		5,657		8,397		<u>-</u>		14,054
Investment loss in excess of amounts designated for								
current operations	\$	(12,488)	\$	(16,880)	\$		\$	(29,368)
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Note 5 - Property

Property is summarized as follows at June 30:

	2017			2016		
Land	\$	1,154	\$	1,154		
Buildings and improvements		160,325		147,856		
Laboratory equipment		67,197		63,380		
Other equipment		13,852		13,397		
Construction in progress		284		4,116		
		242,812		229,903		
Less accumulated depreciation and amortization		(165,162)		(157,219)		
Total property, net	\$	77,650	\$	72,684		

Included in total expenses is depreciation expense of \$10,165 and \$10,806 for the years ended June 30, 2017 and 2016, respectively.

Note 6 - Debt

The Institute issued tax-exempt debt in prior years to fund the construction, renovation, and equipping of various facilities on its campus. The outstanding debt at June 30 is comprised of the following:

Debt Issue	Purpose	Terms	 Total Debt Issue	tstanding salance 2017	itstanding Balance 2016
2010 Certificates of Participation through the County of San Diego	Construction and renovation, including the renewal and expansion of the central plant and electrical distribution infrastructure; refinance 2000 Certificates of Participation issued for construction of a new research facility.	\$8,595 in serial certificates due from July 1, 2011 through July 1, 2025, at interest rates from 3.00 percent to 5.00 percent; \$7,320 in 5.25 percent term certificates due on July 1, 2030; and \$21,530 in 5.125 percent term certificates due on July 1, 2040.	\$ 37,445	\$ 34,795	\$ 35,285
2014 tax-exempt direct placement loan through the California Statewide Communities Development Authority ("2014 Loan")	Renovation, restoration, improvement, and equipping of the Institute's campus facilities; refinance the 2005 bonds that had been issued to refinance the 1994 bonds that funded the construction of the research buildings expansion project.	Funds to be drawn monthly as needed for loan purposes through December 31, 2017; repayment at level debt service with the 2010 Certificates, with final maturity on July 1, 2044; 3.4 percent fixed interest rate.	31,190	29,420	21,544
	Subtotal Unamortized disc Unamortized cos			64,215 (181) (797)	56,829 (189) (829)
		Total debt		\$ 63,237	\$ 55,811

Issuance costs related to the Institute's debt are being amortized over the lives of the respective debt instruments. Amortization expense related to the issuance costs was \$32 for the years ended June 30, 2017 and 2016.

After full funding of the 2014 Loan, the future annual principal payments under the 2010 Certificates and the 2014 Loan will be as follows:

Years ending June 30,	
2018	\$ 1,279
2019	1,327
2020	1,375
2021	1,429
2022	1,473
Thereafter	57,744
Total	\$ 64,627

Note 6 - Debt (continued)

The Institute's debt is collateralized by all of the revenue of the Institute and further secured by a deed of trust on the Institute's main campus. The fair value of the debt as of June 30, 2017 and 2016, is approximately \$67,592 and \$61,201, respectively, based on current interest rates for obligations with similar terms. The Institute determined the debt to be a Level 2 measurement in the fair value hierarchy described in Note 9.

Interest expense related to the Institute's debt was \$2,348 and \$2,353 for the years ended June 30, 2017 and 2016, respectively.

Under the terms of the Institute's debt, the Institute is subject to compliance with certain covenants, including restrictions on additional indebtedness.

Note 7 - Net Assets

Net assets at June 30 are summarized as follows:

	2017		2016		
Unrestricted	\$	88,141	\$	80,302	
Temporarily Restricted					
Research		103,351		86,637	
Appreciation on unrestricted use endowments		6,779		4,138	
Total temporarily restricted		110,130		90,775	
Permanently Restricted					
Research		127,849		123,624	
Unrestricted use		58,947		53,279	
Total permanently restricted		186,796		176,903	
Total net assets	\$	385,067	\$	347,980	

Net assets were released from restrictions by satisfying donor restrictions for the following purposes during the years ended June 30:

	 2017	2016		
Temporarily Restricted			_	
Research	\$ 23,262	\$	18,962	
Unrestricted use	 2,307	-	1,519	
Total releases from restriction	\$ 25,569	\$	20,481	

Note 7 - Net Assets (continued)

The net asset composition of the Institute's donor-restricted and board-designated endowments is as follows at June 30:

	Unrestricted		Temporarily Restricted		Permanently Restricted		Total
2017							
Donor-restricted	\$	-	\$	38,251	\$	186,796	\$ 225,047
Board-designated		3,878		-		-	 3,878
Total endowment net assets	\$	3,878	\$	38,251	\$	186,796	\$ 228,925
2016							
Donor-restricted	\$	-	\$	25,257	\$	176,903	\$ 202,160
Board-designated		3,759					3,759
Total endowment net assets	\$	3,759	\$	25,257	\$	176,903	\$ 205,919

The changes in endowment net assets for the years ended June 30, 2017 and 2016 are as follows:

			Te			rmanently	•		
	<u>Unr</u>	estricted	R	estricted	ed Restricted			Total	
Endowment net assets at July 1, 2015	\$	3,452	\$	42,737	\$	172,510	\$	218,699	
Investment return: Interest and dividends Net gains (losses) Total investment return Contributions Amounts appropriated for expenditure		27 193 220 200 (113)		1,476 (11,148) (9,672) - (7,808)		4,393		1,503 (10,955) (9,452) 4,593 (7,921)	
Endowment net assets at June 30, 2016		3,759		25,257		176,903		205,919	
Investment return: Interest and dividends Net gains (losses) Total investment return Contributions Amounts appropriated for expenditure		6 (6) - 200 (81)		308 20,157 20,465 - (7,471)		9,893		314 20,151 20,465 10,093 (7,552)	
Endowment net assets at June 30, 2017	\$	3,878	\$	38,251	\$	186,796	\$	228,925	

Note 7 - Net Assets (continued)

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor or UPMIFA requires the Institute to retain as a fund of perpetual duration. In accordance with GAAP, deficiencies of this nature are reported in unrestricted net assets. There were deficiencies of \$0 and \$394 as of June 30, 2017 and 2016, respectively.

Note 8 - Employee Benefit Plans

Retirement Plan – The Institute has an employee retirement plan (the "Retirement Plan") for certain of its employees. The Retirement Plan is a defined-contribution plan under which the Institute contributes a percentage of the participant's annual compensation. The Institute's contributions are made in accordance with Section 403(b) of the Internal Revenue Code. Total contributions expense related to the Retirement Plan was \$3,565 and \$3,463 for the years ended June 30, 2017 and 2016, respectively.

Retiree Health Benefits Plan – The Institute sponsors a defined-benefit plan (the "Health Benefits Plan") that provides for retirees' health and related benefits. Employees hired prior to June 30, 1993, may become eligible for these post-retirement benefits upon attainment of age 60 with 10 years of service. The Health Benefits Plan includes cost-sharing features such as deductibles, coinsurance, and contributions, which can be adjusted annually, and the Institute's policy is to pay these benefits through a rabbi trust. The Institute uses a June 30 measurement date for the Health Benefits Plan.

The changes in the accumulated post-retirement benefit obligation at June 30 for the Health Benefits Plan are as follows:

	2017			
Benefit obligation, beginning of year	\$	7,017	\$	6,594
Service cost		27		35
Interest cost		232		256
Actuarial (gain) loss		(556)		348
Benefits paid		(216)		(216)
Benefit obligation, end of year	\$	6,504	\$	7,017
Funded status of plan, end of year	\$	(6,504)	\$	(7,017)
Rabbi trust investments, end of year	\$	10,617	\$	9,337

Note 8 - Employee Benefit Plans (continued)

For the years ended June 30, the components of the net periodic post-retirement benefit cost are:

	2	2016		
Service cost	\$	28	\$	36
Interest cost		232		256
Amortization of net gain				(35)
Net periodic post-retirement benefit cost	\$	260	\$	257

The deferred actuarial gains are not reflected in net periodic post-retirement benefit cost and are included in unrestricted net assets at June 30. The changes in the deferred actuarial gains are as follows:

	2017			2016		
Balance, beginning of year	\$	541	\$	923		
Actuarial gain (loss) Amortization		556 -		(348)		
Balance, end of year	\$	1,097	\$	540		

The net actuarial gains included in unrestricted net assets at June 30, 2017, that are expected to be recognized in net periodic post-retirement benefit cost during the fiscal year ended June 30, 2018, are \$27.

The benefits expected to be paid from the Health Benefits Plan in each of the next five years and in the aggregate for the following five years are as follows:

Years ending June 30,		
2018	\$ 4	21
2019	4	25
2020	4	18
2021	4	15
2022	4	12
2023-2027	1,8	91
Total	\$ 3,9	82

Note 8 - Employee Benefit Plans (continued)

Contributions to the Health Benefits Plan are expected to equal benefit payments. For the years ended June 30, 2017 and 2016, employer contributions were \$216 and \$216, respectively, and participant contributions were \$174 and \$176, respectively.

The Health Benefits Plan's weighted-average assumptions used to determine net periodic post-retirement benefit cost for the years ended June 30 were as follows:

	2017	2016
Discount rate	3.40%	4.15%
Rate of compensation increase	5.00%	5.00%

The amounts reported are affected by the healthcare trend assumptions. The assumed healthcare cost trend rate used in measuring the accumulated benefit obligation was 6.25 percent and 6.00 percent for 2017 and 2016, respectively, and is assumed to decrease gradually to 4.00 percent in 2073 and remain at that level thereafter. If the healthcare cost trend assumptions were increased by 1 percent, the accumulated post-retirement benefit obligation at June 30, 2017 and 2016 would be increased by approximately \$42 and \$94, respectively. The effect of this change would increase the aggregate of the service and interest cost components of the net periodic post-retirement benefit cost by approximately \$5 and \$4 for the years ended June 30, 2017 and 2016, respectively. If the healthcare cost trend assumptions were decreased by 1 percent, the accumulated post-retirement benefit obligation as of June 30, 2017 and 2016, would be decreased by approximately \$39 and \$67, respectively. The effect of this change would reduce the aggregate of the service and interest cost components of the net periodic post-retirement benefit cost by approximately \$4 and \$3 for the years ended June 30, 2017 and 2016, respectively.

Self-Insured Health Plan – Effective July 1, 2015, the Institute began to self-insure hospitalization and medical coverage under one of the health plans offered to its employees. The Institute limits its losses through the use of a stop-loss policy with a deductible of \$150 per covered participant and a maximum liability of 125 percent of the estimated aggregate claims.

Note 9 - Fair Value of Financial Instruments

Authoritative guidance defines fair value as the exchange price that would be received for an asset or paid to transfer a liability in an orderly transaction between market participants on the measurement date and establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The guidance describes three levels of inputs that may be used to measure fair value:

- Level 1 Quoted prices in active markets for identical assets or liabilities;
- **Level 2** Inputs, other than quoted prices, that are observable for the asset or liability, directly or indirectly, including inputs in markets that are not considered to be active; and
- **Level 3** Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

Transfers between levels are recognized as of the beginning of the reporting period in which the transfer occurs.

The carrying values of cash and cash equivalents, receivables, and accounts payable approximate their fair values due to the relatively short period of time between origination of the instruments and their expected realization. These assets and liabilities are considered by the Institute to be Level 1 measurements in the fair value hierarchy.

Note 9 - Fair Value of Financial Instruments (continued)

The following table presents information about each major category of the Institute's financial assets measured at fair value on a recurring basis at June 30, 2017:

		F	air Value	Measurer	nent at	June 30, 20	17	
		Level 1	Lev	rel 2	L	evel 3		Total
Marketable securities:								
Cash and equivalents	\$	18,098	\$		\$	-	\$	18,098
U.S. Treasury securities		29,954						29,954
Equity securities:								
Information technology		9,272		-		-		9,272
Financial		5,603		-		-		5,603
Industrial		5,498		-		-		5,498
Other		4,463		-		-		4,463
Consumer products		3,201		-		-		3,201
Materials		1,081		-		-		1,081
Healthcare		997		-		-		997
Energy and utilities		778		-		-		778
Telecommunications		564						564
Total equity securities		31,457				-		31,457
Mutual funds:								
Long only equity		43,214		-		-		43,214
Fixed income		17,202		-		-		17,202
Emerging markets		14,753		-		-		14,753
Large cap equity		6,475		-		-		6,475
Global equity		1,926		-		-		1,926
Total mutual funds		83,570	-	_				83,570
Total marketable securities		163,079	-	-		-		163,079
Beneficial interest in split-interest								
agreements		-				2,121		2,121
	\$	163,079	\$	-	\$	2,121		165,200
Investments measured at net asset value:	•							
Alternative investments:								
Global equity funds								80,307
Fixed income funds								34,708
Distressed securities funds								34,674
Emerging markets funds								18,949
Long only equity funds								13,969
Long/short equity funds								11,553
Private equity funds								7,091
Real estate funds								1,355
Total investments measured a	it net a	asset value						202,606
							\$	367,806
							Ψ	551,000

Note 9 - Fair Value of Financial Instruments (continued)

The following table presents information about each major category of the Institute's financial assets measured at fair value on a recurring basis at June 30, 2016:

		F	air Value	Measuren	nent at .	June 30, 201	16	
		Level 1		vel 2		evel 3		Total
Marketable securities:	-						-	
Cash and equivalents	\$	100,783	\$		\$	-	\$	100,783
Equity securities:			·			_		_
Financial		5,714		-		-		5,714
Industrial		2,880		-		-		2,880
Consumer products		2,005		-		-		2,005
Energy and utilities		1,462		-		-		1,462
Other		1,154		-		-		1,154
Materials		867		-		-		867
Information technology		738		-		-		738
Healthcare		681		-		-		681
Telecommunications		343		-				343
Total equity securities		15,844						15,844
Mutual funds:								
Global equity		52,206		-		-		52,206
Emerging markets		12,380		-		-		12,380
Large cap equity		5,494		-		-		5,494
Fixed Income		2,027		-		-		2,027
Total mutual funds		72,107		_				72,107
Total marketable securities		188,734			-			188,734
								,
Beneficial interest in split-interest								
agreements						2,323		2,323
	\$	188,734	\$		\$	2,323		191,057
Investments measured at net asset value: Alternative investments:								
Fixed income funds								41,310
Distressed securities funds								38,779
Global equity funds								30,441
Emerging markets funds								24,179
Private equity funds								3,428
Long/short equity funds								170
Total investments measured a	nt not	accet value					-	138,307
rotal investments measured a	at Hel	asset value						130,307
							\$	329,364

Note 9 - Fair Value of Financial Instruments (continued)

The following table presents the summary of changes in the fair value of the Institute's Level 3 classified assets for 2017 and 2016:

Balance, July 1, 2015	\$ 2,410
Change in value of beneficial interest	 (87)
Balance, June 30, 2016	2,323
Change in value of beneficial interest	 (202)
Balance, June 30, 2017	\$ 2,121

The change in the value of the beneficial interest in split-interest agreements is included in contributions on the statements of activities.

The following table presents information about significant unobservable inputs for Level 3 assets and liabilities:

Asset/Liability	Fair Value as of June 30, 2017	Valuation Technique	Unobservable Input(s)	Rate (Wtd. Avg.)
Beneficial interest in split-interest agreements	\$ 2,121	Discounted cash flow	Discount rate Mortality tables	2.4% (2.4%)

Increases (decreases) in the discount rate or life expectancy based on mortality tables would result in decreases (increases) in the fair value of the beneficial interest in split-interest agreements. An increase (decrease) in the fair value of the assets in the related trust or the increase in the Institute's percentage ownership will increase (reduce) the fair value of the Institute's beneficial interest in the split-interest agreement.

In determining the reasonableness of the methodology used to determine the fair value of the beneficial interest in split-interest agreements, the Finance Department evaluates a variety of factors including a review of existing agreements, economic conditions, and industry and market developments at least annually. Certain unobservable inputs are assessed through review of contract terms (e.g., duration or payout data), while others are substantiated utilizing available market data (e.g., discount rates and mortality tables).

Note 10 - Commitments and Contingencies

Commitments – At June 30, 2017, contractual commitments on purchases pending or in process are \$3,058.

Leases – The Institute has entered into operating leases for building space and equipment that expire through December 2021. Rent expense totaled \$677 and \$787 for the years ended June 30, 2017 and 2016, respectively. Future minimum rental payments required under non-cancelable operating leases that have remaining lease terms in excess of one year as of June 30, 2017, are as follows:

Years ending	June 30,
--------------	----------

2018		\$ 652
2019		622
2020		640
2021		284
2022	<u></u>	52
	3	\$ 2,250

Line of Credit – The Institute has an unsecured line of credit loan agreement with a bank providing up to \$5,000 for general working capital purposes. The agreement expires on November 10, 2017, and provides for monthly interest at the prime rate (4.25 percent on June 30, 2017) on the outstanding balance. At June 30, 2017, the Institute had no balance outstanding on the line of credit.

Grants – The Institute has grants with various organizations and government agencies which are subject to audit. Management believes that any liability which may result from these audits would not be material.

Income Taxes - The Institute has no unrecognized tax benefits as of June 30, 2017 and 2016.

Legal – The Institute is a party to certain legal actions arising in the ordinary course of business. In the opinion of management, additional liabilities, if any, under these actions will not result in material charges against net assets.

Note 10 - Commitments and Contingencies (continued)

Guarantees and Indemnities – From time to time, the Institute enters into certain types of contracts that contingently require the Institute to indemnify parties against third-party claims. These contracts primarily relate to: (i) certain technology transfer/license agreements under which the Institute may be required to indemnify licensees; and (ii) certain agreements with the Institute's officers, directors, and employees, under which the Institute may be required to indemnify such persons for liabilities arising out of their employment relationship. The terms of such obligations vary by contract and, in most instances, a specific or maximum dollar amount is not explicitly stated therein. Generally, amounts under those contracts cannot be reasonably estimated until a specific claim is asserted. Consequently, no liabilities have been recorded for these obligations in the Institute's statements of financial position for the years ended June 30, 2017 and 2016.

Note 11 – Concentrations of Credit Risk

Cash in bank deposit accounts and the investment portfolio exceeds federally-insured deposit limits. No losses have been experienced related to cash in such accounts.

The Institute receives funds under various research grants from federal and non-federal agencies. Funding from the National Institutes of Health represents approximately 52 percent and 51 percent of total grant revenue for the years ended June 30, 2017 and 2016, respectively.

Note 12 - Related Party

In May 2006, the Institute and three other research institutions formed the San Diego Consortium for Regenerative Medicine, subsequently renamed Sanford Consortium for Regenerative Medicine ("SCRM") and joined by a fifth research institution. SCRM was formed to coordinate the institutions' resources, personnel, and programs for scientific research and education in the field of stem cell research and related fields. The nine-member board of SCRM includes a member of the Institute's Board and the Institute's President/Chief Executive Officer.

In October 2009, the consortium members and SCRM executed an agreement (the "Collaboratory Agreement") in which SCRM grants the members a non-exclusive license to use space for stem cell research in SCRM's research facility, which was ready for occupancy on January 1, 2012. The initial term of the Collaboratory Agreement is 10 years with options to extend. Under the agreement, the members agree to pay a license fee equal to each member's allocable share of licensed space debt service and operating expenses. The Institute's license fee and operating expenses for the use of two modules in SCRM's building are expected to be \$104 and \$139 per year, respectively, with increases or decreases to the amounts each year based on actual expenses. The fee to license space in the facility is included in rent expense and minimum lease payments in Note 10.