

| Plan Oversight | Plan Administration |
| :---: | :---: |
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| SUSAN Rossi <br> Communications Director | The Segal Company Plan Actuary |
|  | PRICEWATERHOUSECOOPERS LLP Independent Plan Auditor |

REQUESTS FOR INFORMATION
This financial report is designed to provide The Regents, Plans' retirees and others with a general overview of the Plans' financial positions and results. Questions concerning this report should be addressed to:

University of California
Office of the President
Human Resources Department
P.O. Box 24570

Oakland, CA 94623-1570
This document is also available online at: atyourservice.ucop.edu


## Summary Statement

This report contains information about the University of California Retirement Plan (UCRP or the Plan) as of and for the fiscal year ended June 30, 2010, and includes audited financial statements. Significant statistics relating to the Plan and its membership base as of the 2009-2010 fiscal year-end are as follows:

| Net assets | \$34.6 billion |
| :---: | :---: |
| Net investment gain | \$4.1 billion |
| Benefit payments (excluding member withdrawals and lump sum cashouts) | \$1.7 billion |
| Plan administrative and other expenses | \$32.7 million |
| ACTIVE PLAN MEMBERSHIP |  |
| Senate Faculty and Non-Faculty Academics | 22,936 members |
| Management/Senior Professional | 8,627 members |
| Professional/Support Staff | 83,365 members |
| Total | 114,928 members |
| Average Annual Salary |  |
| Senate Faculty | \$116,344 |
| Non-Faculty Academics | \$74,409 |
| Management/Senior Professional | \$119,390 |
| Professional/Support Staff | \$60,175 |
| Average Age |  |
| Senate Faculty | 50 years |
| Non-Faculty Academics | 44 years |
| Management/Senior Professional | 50 years |
| Professional/Support Staff | 43 years |
| INACTIVE PLAN MEMBERSHIP/OTHER |  |
| Total | 55,037 members |
| RETIREE MEMBERSHIP |  |
| Faculty | 4,947 retirees |
| Management/Senior Professional | 6,555 retirees |
| Professional/Support Staff | 33,609 retirees |
| Total | 45,111 retirees |
| Average Retirement Age |  |
| Faculty | 63 years |
| Management/Senior Professional | 60 years |
| Professional/Support Staff | 59 years |
| Average Service Credit at Retirement |  |
| Faculty | 26 years |
| Management/Senior Professional | 22 years |
| Professional/Support Staff | 20 years |
| Average Annual UCRP Income |  |
| Faculty | \$70,872 |
| Management/Senior Professional | \$51,984 |
| Professional/Support Staff | \$28,236 |
| Survivor/Beneficiary | 6,681 recipients |
| Disabled | 2,110 recipients |

## Plan Overview and Administration

The Plan is a key component of the comprehensive benefits package offered to employees of the University of California (the University or UC) and its affiliate, Hastings College of the Law. The Plan is a governmental defined benefit pension plan intended to be qualified under $\$ 401(\mathrm{a})$ of the Internal Revenue Code (IRC).

The University's pension program dates back to 1904, with a plan that provided for the purchase of commercial annuities for retiring professors at UC Berkeley and UC San Francisco. The current Plan was designed in 1961, before the University's participation in Social Security and before the introduction of employee life and disability insurance coverage. Over the years, the Plan has evolved to include provisions for:

- basic retirement income (includes post-retirement survivor benefits) and four alternative monthly payment options;
- Lump sum cashout in lieu of basic retirement income;
- disability benefits;
- death benefits;
- preretirement survivor benefits; and
- annual adjustments for increases in the cost-of-living for monthly benefits and the compensation component of the benefit formula for inactive members.

Further, in lieu of lifetime retirement benefits, members may choose a refund of their accumulated Plan contributions and earnings or, if eligible to retire, they may elect a lump sum payment that is the actuarial equivalent present value of their lifetime retirement income.

At June 30, 2010, active UCRP members included 114,928 employees at the University's ten campuses, five medical centers, Lawrence Berkeley National Laboratory, and Hastings College of the Law.

The Vice President—Human Resources Dept. (VP-HR) of the University of California carries out administrative duties delegated by the President for the day-to-day management and operation of the Plan including conducting policy research, implementing changes to the Plan and Plan regulations to preserve the Plan's qualification under the IRC, and provides member recordkeeping, accounting and reporting, and receipt and disbursement of Plan assets to eligible members and beneficiaries.

| PLAN PROGRESSION |  |
| :---: | :--- |
| 1904 | Provided commercial annuities equal to two-thirds salary <br> for faculty aged 70 or older with 20 years of service. |
| 1924 | Pension and Retiring Annuities System (PRAS) pension <br> plan introduced for faculty and high ranking administrators. |
| 1937 | Pension plan coverage established for non-academic <br> employees through CalPERS. |
| 1961 | PRAS terminated due to insolvency and UCRP established <br> to provide retirement, disability, and preretirement <br> survivor benefits to all University career employees. |
| 1971 | Annual 2 percent (maximum) Cost-of-Living Adjustments <br> (COLAs) applied to retirement, survivor and disability <br> benefits. |
| 1976 | Social Security coverage offered to UCRP members. |
| $1990-$ | Employer/employee UCRP contributions gradually <br> suspended. |
| 1993 | Offered a total of three early retirement incentive <br> programs to UCRP members and one to UC members <br> of CalPERS. |
| 2009 Reinstated employer contributions effective April 15, 2010 |  |
| and employee contributions effective with May 2010 |  |
| retired covered compensation. |  |

## Changes in the Plan

The following Plan changes occurred during fiscal year 2009-2010. These changes were mandated by legislation or recommended by the President of the University and approved by The Regents of the University of California (The Regents).

| DATE | CHANGE |
| :--- | :--- |
| September 2009 | Incorporated the 2009-2010 Furlough/Salary Reduction Plan (period <br> September 1, 2009 through August 31, 2010) and added amendments to <br> preserve UCRP members' covered compensation and rate of service credit <br> accrual at their pre-furlough/salary reduction level for the duration of the Plan. |
| November 2009 | Adjusted the minimum reduction in time requirement in the Staff and <br> Academic Reduction in Time (START) Program when necessary to coordinate <br> the START Program and the 2009-2010 Furlough/Salary Reduction Plan. |
|  | Reinstated University contributions effective April 15, 2010 and member <br> contributions effective with May 2010 UCRP covered compensation, subject <br> to collective bargaining and certain contract terms if applicable. |

## Membership

Employees participate in the Plan in one of four membership classifications:

- Members with Social Security coverage
- Members without Social Security coverage
- Safety Members (police and firefighters)
- Tier Two

The following table reflects Plan membership by classification over the past 10 years.

| PLAN MEMBERSHIP | ACTIVE MEMBERSHIP |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year Ended <br> June 30 | With <br> Social <br> Security | Without <br> Social <br> Security | Safety <br> Members | Tier Two <br> Members | Total <br> Active $^{\mathbf{1}}$ | Inactive <br> Members/ <br> Others $^{1,2}$ | TOTAL $^{3}$ |
| 2010 | 112,700 | 1,796 | 418 | 14 | 114,928 | 55,037 | $\mathbf{1 6 9 , 9 6 5}$ |
| 2009 | 113,112 | 2,180 | 417 | 26 | 115,745 | 54,883 | $\mathbf{1 7 0 , 6 2 8}$ |
| 2008 | 111,245 | 2,556 | 411 | 21 | 114,242 | 64,566 | $\mathbf{1 7 8 , 8 0 8}$ |
| 2007 | 115,254 | 3,179 | 432 | 20 | 118,885 | 59,056 | $\mathbf{1 7 7 , 9 4 1}$ |
| 2006 | 117,917 | 3,941 | 425 | 34 | 122,317 | 52,548 | $\mathbf{1 7 4 , 8 6 5}$ |
| 2005 | 118,756 | 5,419 | 418 | 49 | 124,642 | 47,123 | $\mathbf{1 7 1 , 7 6 5}$ |
| 2004 | 117,100 | 6,165 | 399 | 53 | 123,717 | 39,874 | $\mathbf{1 6 3 , 5 9 1}$ |
| 2003 | 113,913 | 6,982 | 400 | 56 | 121,351 | 31,262 | $\mathbf{1 5 2 , 6 1 3}$ |
| 2002 | 109,708 | 7,614 | 398 | 56 | 117,776 | 25,198 | $\mathbf{1 4 2 , 9 7 4}$ |
| 2001 | 101,261 | 8,127 | 396 | 64 | 109,848 | 23,278 | $\mathbf{1 3 3 , 1 2 6}$ |

1 The changes in active and inactive membership during fiscal years 2008 and 2007 include the results of elections made by LLNL and LANL employees, respectively, who either retired, became inactive, or accepted employment with LLNS and LANS, as applicable, and joined its defined benefit pension plan.
2 Includes terminated nonvested employees eligible for a refund of Plan accumulations or Capital Accumulation Payment balance.
3 Excludes UCRP benefit recipients, as accounted for in the table on page 7.

## Contribution Policy

Historically, The Regents have established annual contributions as a percentage of payroll by using the entry age normal actuarial cost method.

In July 2008, The Regents approved a funding policy that determines a total funding policy contribution based on the Plan's Normal Cost adjusted by an amortization of any surplus (over-funding) or deficit (under-funding), with contributions starting for the Plan Year beginning July 1, 2009.

The Regents will determine each year the actual total contributions and the split between employee and the employer contributions based on the total funding policy contribution and various other factors.

The total funding policy contribution is based on a fifteenyear amortization period for the deficit as of July 1, 2009.
This total funding policy applies to the non-laboratory segment of UCRP (e.g., campuses, medical centers and Hastings College of Law). Contributions for the national laboratory segments are subject to the terms of the University's contracts with the Department of Energy (DOE).
The total funding policy contribution rates as of July 1, 2009 are based on all of the Plan data, the actuarial assumptions, and the Plan provisions adopted at the time of preparation of the actuarial valuation. It includes all changes affecting future costs, adopted benefit changes, actuarial gains and losses, and changes in the actuarial assumptions.

Beginning July 2011, the Regents authorized increasing the employer and employee contribution rates to UCRP. Contributions by employees will be increased to 3.5 percent of covered compensation in July 2011 and 5.0 percent in July 2012 and contributions by the University will be increased to 7.0 percent of covered compensation in July 2011 and 10 percent in July 2012. These increases in the employee contribution rates are subject to collective bargaining for union-represented employees.

## Plan Benefits

The Plan paid approximately $\$ 1.7$ billion in retirement, disability, and preretirement survivor benefits to 53,902 members and their beneficiaries during fiscal year 2009-2010. Retirement payments include cost-of-living adjustments and exclude lump sum cashouts. Payments to survivors include basic death payments. The table below reflects total benefits paid in each category over the past 10 years.

| UCRP BENEFIT PAYMENTS (\$ in thousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Year Ended <br> June 30 | Retirement | Disability | Death \& Survivor | TOTAL $^{\mathbf{1}}$ |
| 2010 | $\$ 1,634,114$ | $\$ 35,331$ | $\$ 41,129$ | $\mathbf{\$ 1 , 7 1 0 , 5 7 4}$ |
| 2009 | $1,517,717$ | 35,984 | 39,949 | $\mathbf{1 , 5 9 3 , 6 5 0}$ |
| 2008 | $1,403,778$ | 36,098 | 39,624 | $\mathbf{1 , 4 7 9 , 5 0 0}$ |
| 2007 | $1,260,092$ | 35,815 | 36,487 | $\mathbf{1 , 3 3 2 , 3 9 4}$ |
| 2006 | $1,106,711$ | 34,771 | 34,338 | $\mathbf{1 , 1 7 5 , 8 2 0}$ |
| 2005 | 984,816 | 33,434 | 33,254 | $\mathbf{1 , 0 5 1 , 5 0 4}$ |
| 2004 | 877,696 | 31,900 | 30,731 | $\mathbf{9 4 0 , 3 2 7}$ |
| 2003 | 794,861 | 29,311 | 28,534 | $\mathbf{8 5 2 , 7 0 6}$ |
| 2002 | 730,115 | 27,132 | $\mathbf{2 6 , 4 7 5}$ | $\mathbf{7 8 3 , 7 2 2}$ |
| 2001 | 657,105 | 25,414 | $\mathbf{2 4 , 6 0 0}$ | $\mathbf{7 0 7 , 1 1 9}$ |

1 Does not include non-periodic member withdrawals (including CAP distributions) and lump sum cashouts.

The number of UCRP benefit recipients in each category for the year ended June 30 for each of the past 10 years is shown below.

| UCRP BENEFIT RECIPIENTS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year Ended June 30 | Retired Members | Disabled Members | Deceased Members | Survivors | TOTAL ${ }^{1}$ |
| 2010 | 45,111 | 2,110 | 1,920 | 6,681 | 53,902 |
| 2009 | 42,969 | 2,157 | 1,659 | 6,527 | 51,653 |
| 2008 | 41,584 | 2,218 | 1,964 | 6,369 | 50,171 |
| 2007 | 39,261 | 2,269 | 1,817 | 6,152 | 47,682 |
| 2006 | 37,289 | 2,269 | 1,686 | 5,884 | 45,442 |
| 2005 | 33,590 | 2,225 | 1,774 | 5,662 | 41,477 |
| 2004 | 32,072 | 2,194 | 1,781 | 5,472 | 39,738 |
| 2003 | 30,655 | 2,129 | 1,603 | 5,083 | 37,867 |
| 2002 | 29,247 | 2,096 | 589 | 4,822 | 36,165 |
| 2001 | 27,991 | 2,032 | 753 | 4,661 | 34,684 |

[^0]
## Investments

## Investment Management

In a defined benefit plan such as UCRP, the Plan bears the mortality and investment risk because members' benefits are based on the employer's promise rather than the contributions or plan assets available to pay the benefits.

The Chief Investment Officer has primary responsibility for investing the Plan's assets consistent with policies established by The Regents. The Regents has fiduciary responsibility for establishing investment policy for the Plan and for overseeing the implementation of that policy.

The assets of the Plan are held in trust separately from the University's assets under a custodial agreement with State Street Bank \& Trust Co. The bank carries insurance against loss of property caused by employee dishonesty, theft, misplacement, damage, distribution, or mysterious disappearance.

## Asset Allocation

UCRP is a multi-asset strategy investment fund of $\$ 35.1$ billion in total investments. $\$ 16.2$ billion of the investment portfolio is invested in domestic and foreign equity securities and $\$ 3.0$ billion in U.S. and non-U.S. commingled equity funds. The $\$ 2.4$ billion private equity segment includes $\$ 954.0$ million in venture capital, $\$ 1.4$ billion in buyout funds, $\$ 4.0$ million non-U.S. private equity and $\$ 4.0$ million in common stock distributions. Another $\$ 8.8$ billion is invested in fixed income securities, of which $\$ 3.1$ billion is in high-quality government securities; $\$ 5.7$ billion is invested in corporate, foreign and mortgagebacked bonds and commercial paper; and $\$ 18.7$ million in foreign currency denominated government and corporate issues. The fund also includes allocations of $\$ 3.0$ billion in other commingled funds comprised of $\$ 2.3$ billion in absolute return funds, $\$ 4.4$ million in U.S. bond funds, and $\$ 732.8$ million in money market funds. In addition, the fund holds $\$ 948.6$ million in institutional private and public real estate investments, $\$ 161.1$ million in real assets, and $\$ 648.3$ million in investment derivatives.

## Proxy Voting Policy

The Treasurer's Office has instructed The Regents' custodian bank to vote all proxies on behalf of The Regents according to guidelines established by The Regents.

UCRP ASSET ALLOCATION

Real Estate 2.7\%


## Historical Investment Performance

| ANNUALIZED RATES OF RETURN AT JUNE 30, 2010 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 1-Year | 5-Year | 10-Year |
| UCRP Total Fund | 12.72\% | 1.86\% | 2.29\% |
| Policy Benchmark ${ }^{(1)}$ | 11.61 | 1.71 | 2.24 |
| U.S. Equity Portfolio | 15.83 | (1.00) | (1.68) |
| Policy Benchmark ${ }^{(2)}$ | 15.71 | (0.63) | (1.06) |
| Non-U.S. Equity-Developed | 8.31 | 1.86 | n/a |
| Policy Benchmark ${ }^{(3)}$ | 6.84 | 1.38 | n/a |
| Non-U.S. Equity-Emerging Market | 25.90 | 11.92 | 9.67 |
| Policy Benchmark ${ }^{(4)}$ | 23.15 | 12.73 | 10.10 |
| Global Equity | 13.39 | n/a | n/a |
| Policy Benchmark ${ }^{(5)}$ | 13.07 | n/a | n/a |
| Core Fixed Income | 10.45 | 5.32 | 7.26 |
| Policy Benchmark ${ }^{(6)}$ | 9.50 | 5.52 | 7.31 |
| High Yield Bond | 26.03 | n/a | n/a |
| Policy Benchmark ${ }^{(7)}$ | 27.01 | n/a | n/a |
| Emerging Market Debt | 17.83 | n/a | n/a |
| Policy Benchmark ${ }^{(8)}$ | 18.44 | n/a | n/a |
| TIPS Portfolio | 9.68 | 5.32 | n/a |
| Policy Benchmark ${ }^{(9)}$ | 9.52 | 4.98 | n/a |
| Private Equity ${ }^{(010)}$ | 19.18 | 7.10 | 1.48 |
| Absolute Return ${ }^{(11)}$ | 9.06 | n/a | n/a |
| Public Real Estate | 18.79 | n/a | n/a |
| Policy Benchmark ${ }^{(12)}$ | 31.18 | n/a | n/a |
| Private Real Estate | (29.03) | n/a | n/a |
| Policy Benchmark ${ }^{(12)}$ | (27.32) | n/a | n/a |

## CURRENT POLICY BENCHMARKS*:

| Asset Class | Benchmark | Component Percentage <br> of Total Fund |
| :--- | :--- | :--- |
| (1) Total Fund | Combination of benchmarks stated below. | $100.0 \%$ (see components below) |
| (2) U.S. Equity | Russell 3000 Tobacco Free (TF) Index | $31.0 \%$ |
| (3) Non-U.S. Equity-Developed | MSCI World ex-US (Net Dividends) TF | $22.0 \%$ |
| (4) Emerging Market Equity | MSCI Emerging Market (Net Dividends) | $4.0 \%$ |
| (5) Global Equity | MSCI All Country World Index Net - IMI - TF | $2.0 \%$ |
| (6) US Core Fixed Income | Barclays Capital US Aggregate | $12.0 \%$ |
| (7) High Yield Debt | Merrill Lynch High Yield Cash Pay Index | $2.5 \%$ |
| (8) Emerging Market Debt | J.P. Morgan Emerging Market Bond Index Global Diversified | $2.5 \%$ |
| (9) TIPS | Barclays Capital TIPS | $8.0 \%$ |
| (10) Private Equity | Actual Private Equity Returns | $6.0 \%$ |
| (11) Absolute Return | 50\% HFRX Absolute Return Index + 50\% HFRX Market <br> Directional Index | $5.0 \%$ |
| (12) Real Estate (Public |  |  |
| and Private) | Public Real Estate: 50\% times the FTSE EPRA NAREIT US Index <br> plus 50\% times the FTSE EPRA NAREIT Global ex-US Index and <br> Private Real Estate: Open End = NCREIF Funds Index-Open End <br> Diversified Core Equity (lagged 3 months); Closed end = Actual <br> Closed End Return |  |
| Commodities: S\&P GSCI Reduced Energy Index; All Other: N/A | $4.0 \%$ |  |
| Real Assets* | Custom individual benchmark tailored to specific investment <br> when chosen. | $0.5 \%$ |
| Opportunistic* |  | $0.5 \%$ |

[^1]
## Equity Portfolio

## Quality and Diversification

The $\$ 19.2$ billion Equity Portfolio (including equity funds) is diversified across multiple strategic global economic and industry sectors within actively managed accounts of equity securities and passively-managed index funds. Of the Equity Portfolio, $\$ 16.2$ billion (or $84.6 \%$ ) was invested in domestic and foreign equity securities and $\$ 3.0$ billion (or $15.4 \%$ ) was invested in U.S. and non-U.S. equity funds. Combined, domestic equity securities and U.S. equity funds totaled $\$ 10.4$ billion (or $54.3 \%$ ) and foreign equity securities and non-U.S. Equity funds totaled $\$ 8.8$ billion (or $45.7 \%$ ).

## UCRP QUALITY AND DIVERSIFICATION



## Private Equity Segment

The $\$ 2.4$ billion private equity segment is invested in venture capital partnerships, buyout funds and international private equity. The private equity segment includes $\$ 954$ million in venture capital, $\$ 1.4$ billion in buyout funds, and $\$ 4$ million non-U.S. private equity and $\$ 4$ million in common stock distributions.

## UCRP PRIVATE EQUITY SEGMENT



## Fixed Income Portfolio

The fixed income portfolio accounts for 25.0 percent of the Total Fund (excluding investments of cash collateral) and is invested primarily in high-quality, call-protected, global bonds. The effective duration of the fixed income portfolio as of June 30, 2010, was 4.3 , and the weighted average quality rating was AA.

## Quality*

Approximately 35.9 percent of the core fixed income portfolio consists of U.S. government-guaranteed securities, and 38.0 percent of the portfolio consists of high quality corporate issues rated investment grade or better, 10.7 percent in government agency and asset-backed securities, 15.3 percent in supranational foreign securities, with the remaining 0.2 percent in foreign currency denominated securities. The quality of the holdings is illustrated below.

## Diversification

The fixed income portfolio investments are diversified among the sectors illustrated below.

QUALITY


DIVERSIFICATION


## *Credit Ratings

U.S. Treasury Obligations: Guaranteed by the full faith and credit of the United States and rated AAA by Standard \& Poor's.

## Standard \& Poor's (S\&P) and Other Bond Ratings

AAA: Extremely strong capacity to meet financial commitments. Highest Rating.
AA: Very strong capacity to meet financial commitments.
A: Strong capacity to meet financial commitments, but somewhat susceptible to adverse economic conditions and changes in circumstances
A1/P1/F1: Highest short-term rating by S\&P, Moody's, and Fitch respectively indicate a superior ability to repay short-term debt obligations. Securities that have been assigned both an A1, P1, or F1 rating are considered to be of high credit quality.

BBB: Adequate capacity to meet financial commitments, but more subject to adverse economic conditions.
BB: Less vulnerable in the near-term but faces major ongoing uncertainties to adverse business, financial and economic conditions.
B: More vulnerable to adverse business, financial and economic conditions but currently has the capacity to meet financial commitments.
CCC: Currently vulnerable and dependent on favorable business, financial and economic conditions to meet financial commitments.
CC: Currently highly vulnerable.

## UCRP Management's Discussion \& Analysis (Unaudited)

The objective of Management's Discussion and Analysis is to help readers of the University of California Retirement Plan (UCRP or the Plan) financial statements better understand the Plan's financial position and operating activities for the fiscal year ended June 30, 2010, with selected comparative information for the years ended June 30, 2009 and June 30, 2008. This discussion should be read in conjunction with the financial statements and the notes to the financial statements. Unless otherwise indicated, years (2008, 2009, 2010, etc.) in this discussion refer to the fiscal years ended June 30.

## Financial Highlights

- The net assets held in trust for pension benefits at June 30, 2010 , are $\$ 34.6$ billion compared to $\$ 32.3$ billion at June 30, 2009 and $\$ 42.0$ billion at June 30, 2008. The net assets are available to meet the Plan's ongoing obligations to Plan members, retirees and their beneficiaries.
- The net assets of the Plan increased by $\$ 2.3$ billion or 7.2 percent in 2010 compared to a decrease of $\$ 9.8$ billion or 23.2 percent in 2009 and a decrease of $\$ 6.1$ billion or 12.6 percent in 2008.
- The Plan's total investment rate of return was 12.7 percent in 2010 compared to (18.8) percent in 2009 and (5.7) percent in 2008.
- During 2008, $\$ 1.6$ billion in Plan net assets were transferred to the LLNS defined benefit pension plan.
- As of July 1,2009 , the date of the most recent actuarial valuation, the Plan's funded ratio was 94.8 percent, compared to 103.0 percent at July 1, 2008 and 104.8 percent at July 1, 2007. For July 1, 2009, this indicates that, for every dollar of actuarial accrued liability, assets of $\$ 0.95$ are available to cover such obligations as compared to $\$ 1.03$ at July 1, 2008 and $\$ 1.05$ at July 1, 2007.


## Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Plan's financial statements, which are comprised of the following:

- Statements of Fiduciary Net Assets
- Statements of Changes in Fiduciary Net Assets
- Notes to Financial Statements
- Required Supplementary Information and Note to Required Supplementary Information
- Other Supplementary Information

The Statements of Fiduciary Net Assets present information on the Plan's assets and liabilities and the resulting net assets
held in trust for pension benefits. This statement reflects the Plan's investments at fair value, along with cash and shortterm investments, receivables and other assets and liabilities.

The Statements of Changes in Fiduciary Net Assets present information showing how the Plan's net assets held in trust for pension benefits changed during the years ended June 30, 2010 and 2009. It reflects contributions along with investment income (or losses) during the period from investing and securities lending activities. Deductions for retirement benefits, withdrawals, cost-of-living adjustments, lump sum cashouts, survivor, disability and death benefits, transfer of Plan net assets to LLNS, and administrative expenses are also presented.

The Notes to Financial Statements provide additional information that is essential to a full understanding of the data provided in the financial statements.

The Required Supplementary Information consists of two schedules and a related note concerning the funded status of the Plan. The Note to Required Supplementary Information provides additional trend information as of the valuation date. This information includes actuarial cost method, amortization method, remaining amortization period, asset valuation period and actuarial assumptions.

The Other Supplementary Information consists of two schedules concerning the actuarial accrued liability of the Plan and the revenues by source and expenses by type for the past 10 years.

## Financial Analysis

The Plan provides retirement benefits to University of California employees. Plan benefits are funded by member and University contributions and by investment income. The Plan's net assets held in trust for benefits as of June 30, 2010 amounted to $\$ 34.6$ billion compared to $\$ 32.3$ billion at June 30, 2009, for an increase of $\$ 2.3$ billion or 7.2 percent. The Plan's net assets held in trust for benefits as of June 30, 2009 amounted to $\$ 32.3$ billion compared to $\$ 42.0$ billion at June 30, 2008 for a decrease of $\$ 9.7$ billion or 23.2 percent.

## UCRP Management's Discussion \& Analysis (Unaudited)

| FIDUCIARY NET ASSETS ( $\$$ in thousands) |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| June 30 | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ |
| ASSETS |  |  |  |
| Investments (including Short-Term Investment Pool) | $\$ 35,140,000$ | $\$ 32,709,694$ | $\$ 42,092,691$ |
| Investment of securities lending collateral | $6,363,777$ | $6,596,311$ | $7,985,216$ |
| Receivables | 292,511 | 818,983 | 742,520 |
| Total Assets | $\mathbf{4 1 , 7 9 6 , 2 8 8}$ | $\mathbf{4 0 , 1 2 4 , 9 8 8}$ | $\mathbf{5 0 , 8 2 0 , 4 2 7}$ |
| LIABILITIES |  |  |  |
| $\quad$Payable for securities purchased, member withdrawals, <br> refunds and other payables | 855,157 | $\mathbf{1 , 2 4 6 , 6 2 2}$ | $\mathbf{7 6 8 , 4 9 5}$ |
| $\quad$ Collateral held for securities lending | $\mathbf{6 , 3 6 6 , 6 7 7}$ | $6,619,824$ | $\mathbf{8 , 0 2 8 , 7 7 0}$ |
| Total Liabilities | $\mathbf{7 , 2 2 1 , 8 3 4}$ | $\mathbf{7 , 8 6 6 , 4 4 6}$ | $\mathbf{8 , 7 9 7 , 2 6 5}$ |
| Net Assets Held in Trust for Pension Benefits | $\mathbf{\$ 3 4 , 5 7 4 , 4 5 4}$ | $\mathbf{\$ 3 2 , 2 5 8 , 5 4 2}$ | $\mathbf{\$ 4 2 , 0 2 3 , 1 6 2}$ |


| CHANGES IN FIDUCIARY NET ASSETS (\$ in thousands) |  |  |  |
| :---: | :---: | :---: | :---: |
| Year Ended June 30 | 2010 | 2009 | 2008 |
| ADDITIONS (REDUCTIONS) |  |  |  |
| University contributions | \$ 148,446 | \$ 454 | \$ 2,657 |
| Member contributions | 23,374 | 1,300 | 1,391 |
| Investment income (loss) | 4,149,541 | $(7,910,150)$ | $(2,599,489)$ |
| Other | 4,756 | 5,246 | 5,700 |
| Total Additions (Reductions) | 4,326,117 | $(7,903,150)$ | $(2,589,741)$ |
| DEDUCTIONS |  |  |  |
| Retirement, cost-of-living adjustments, lump sum cashouts, survivor, disability, and death payments | 1,901,066 | 1,750,223 | 1,791,989 |
| Member withdrawals | 76,485 | 78,794 | 96,690 |
| Administrative and other expenses | 32,654 | 32,453 | 36,557 |
| Transfer of plan net assets | - | - | 1,567,209 |
| TOTAL DEDUCTIONS | 2,010,205 | 1,861,470 | 3,492,445 |
| Increase (Decrease) in Net Assets Held in Trust for Pension Benefits | 2,315,912 | $(9,764,620)$ | $(6,082,186)$ |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS |  |  |  |
| Beginning of Year | 32,258,542 | 42,023,162 | 48,105,348 |
| End of Year | \$34,574,454 | \$32,258,542 | \$42,023,162 |

## UCRP Management's Discussion \& Analysis (Unaudited)

At June 30, 2010, the Plan held $\$ 18.6$ billion in domestic equity, non-U.S. and private equity securities, compared to $\$ 18.3$ billion at June 30,2009 and $\$ 25.2$ billion at June 30, 2008.
The domestic equity portfolio return was 15.8 percent in 2010 , (26.8) percent in 2009 and (14.3) percent in 2008, compared to the Plan's domestic equity policy benchmark returns of 15.7 percent, (26.8) percent, and (12.8) percent, respectively. The non-U.S. equity (developed countries) portfolio return was 8.3 percent in 2010, (30.9) percent in 2009, and (9.3) percent in 2008, compared to the Plan's non-U.S. equity policy benchmark returns of 6.8 percent, (31.7) percent, and (8.9) percent, respectively. The non-U.S. equity (emerging market countries) portfolio return was 25.9 percent in 2010, (29.5) percent in 2009 and 1.5 percent in 2008, compared to the benchmark returns of 23.2 percent, (28.1) percent, and 4.6 percent, respectively.

The private equity portfolio return was 19.2 percent in 2010, (20.8) percent in 2009, and 7.2 percent in 2008, respectively.

At June 30, 2010, the Plan held $\$ 6.0$ billion in U.S. government (excluding the TIPS portfolio), other U.S. dollar-denominated and non-U.S. fixed income securities compared to $\$ 5.8$ billion at June 30, 2009 and $\$ 9.8$ billion at June 30, 2008.

The core fixed income portfolio (excluding TIPS) earned a total return of 10.5 percent in 2010, 7.1 percent in 2009 and 5.3 percent in 2008, compared to the Plan's fixed income policy benchmark returns of 9.5 percent, 7.3 percent, and 8.2 percent, respectively.

At June 30, 2010, the Plan held $\$ 2.8$ billion in TIPS, compared to $\$ 2.3$ billion at June 30,2009 and $\$ 2.5$ billion at June 30, 2008. The TIPS portfolio earned a total return of 9.7 percent in 2010, (0.2) percent in 2009 and 15.7 percent in 2008, compared to the Plan's TIPS policy benchmark returns of 9.5 percent, (1.1) percent, and 15.1 percent, respectively.

At June 30, 2010, the Plan also held $\$ 947$ million in institutional private and public real estate investments compared to $\$ 980$ million in 2009 and $\$ 1.1$ billion in 2008. The private real estate portfolio earned a total return of (29.0) percent in 2010 compared to (40.4) percent in 2009 and 5.6 percent in 2008, compared to policy benchmark returns of (27.3) percent, (37.5) percent, and 8.0 percent, respectively.

The public real estate portfolio earned a total return of 18.8 percent in 2010 compared to its policy benchmark of 31.2 percent.

The Plan's total fund investment rate of return was 12.7 percent in 2010, (18.8) percent in 2009 and (5.7) percent in 2008, compared to the Plan's total fund policy benchmark returns of 11.6 percent, (18.9) percent, and (4.7) percent, respectively.
Additions to or reductions from the Plan's net assets held in trust for benefits include contributions and investment income or loss. In 2010 net additions were $\$ 4.3$ billion compared to reductions of $\$ 7.9$ billion and $\$ 2.6$ billion in 2009 and 2008, respectively. Net additions in 2010 reflect significantly higher net investment income earned by the Plan as a result of the net appreciation in the fair value of investments.
Member and University contributions during 2010 amounted to $\$ 171.8$ million, compared to $\$ 1.8$ million in 2009 and $\$ 4.0$ million in 2008. The increase in the amount for 2010 over that for 2009 and 2008 is the result of the reinstatement of Member and University contributions during the fourth quarter of the fiscal year. The amounts for 2009 and 2008 were primarily for service credit buybacks.

The Plan recognized net investment income of $\$ 4.1$ billion during 2010, compared to a net investment loss of $\$ 7.9$ billion in 2009 and a net investment loss of $\$ 2.6$ billion in 2008. The net investment income in 2010 was due primarily to positive returns in the equity and fixed income portfolios. The investment losses in 2009 and 2008 were due primarily to adverse conditions in the global financial markets over those two years resulting in negative returns across all equity portfolios of the investment pool.
During 2010, $\$ 1.9$ billion in retirement benefit payments were made from the Plan to retired members and survivors and disabled members, compared to $\$ 1.8$ billion made in 2009 and $\$ 1.8$ billion made in 2008. Member withdrawals from the Plan totaled $\$ 76.5$ million in 2010 compared to $\$ 78.8$ million in 2009 and $\$ 96.7$ million in 2008. Administrative expenses of $\$ 32.7$ million were paid from the Plan in 2010 compared to $\$ 32.5$ million in 2009 and $\$ 36.6$ million in 2008.

## Transfer of Plan Net Assets

During 2008, the Plan transferred $\$ 1.6$ billion in Plan assets and liabilities attributable to the benefits accrued under UCRP by approximately 3,900 LLNL employees who accepted employment with LLNS as the successor contractor to the University for the management of the LLNL.

## UCRP Management's Discussion \& Analysis (Unaudited)

## Funded Status

The Plan's actuarial value of assets available for benefits was $\$ 42.8$ billion at July 1, 2009 compared to $\$ 43.8$ billion at July 1,2008 and $\$ 43.4$ billion at July 1, 2007. The actuarial accrued liability was $\$ 45.2$ billion at July 1, 2009 compared to $\$ 42.6$ billion at July 1, 2008 and $\$ 41.4$ billion at July 1, 2007. The Plan's actuarial deficit was $\$ 2.4$ billion at July 1, 2009 compared to surpluses of $\$ 1.3$ billion at July 1, 2008 and $\$ 2.0$ billion at July 1, 2007. The funded ratio at July 1, 2009, was 94.8 percent compared to 103.0 percent at July 1,2008 and 104.8 percent at July 1, 2007. An analysis of the funding progress and University contributions and a discussion of actuarial assumptions and methods is set forth in the required supplementary information section of the financial statements.

While all assets of the Plan are available to pay any member's benefits, assets and liabilities for the campus and medical center segment of the Plan are internally tracked separately from the DOE national laboratory segment of the Plan. The funded ratio of the campus and medical center segment of the Plan at July 1, 2009, was 94.8 percent compared to 103.4 percent at July 1, 2008 and 105.2 percent at July 1, 2007. For the DOE national laboratory segment of the Plan the funded ratio was 94.8 percent at July 1, 2009, compared to 101.3 percent at July 1, 2008 and 103.5 percent at July 1, 2007. The DOE has a continuing obligation to the University to reimburse the University for University contributions made to the Plan to fund Plan benefits for the laboratory segment retirees.

## Looking Forward

Plan costs are funded by a combination of investment earnings, employee member and employer contributions. The unfunded liability for the campuses and medical centers as of July 1,2009 actuarial valuation was $\$ 1.9$ billion or 94.8 percent funded. For the July 1, 2010, the funded ratio is expected to decrease to approximately 86 percent. The funding policy contributions related to campuses and medical centers in the July 1,2009 actuarial valuation for 2010 are $\$ 1.6$ billion, which represents $20.4 \%$ of covered compensation. Employer contributions for 2010 were $\$ 67.4$ million.

Beginning July 2011, the Regents authorized increasing the employer and employee contribution rates to the Plan. Contributions by employees will be increased to 3.5 percent of covered compensation in July 2011 and 5.0 percent in July 2012 and contributions by the University would be increased to 7.0 percent of covered compensation in July 2011 and 10 percent in July 2012. These proposed changes would be subject to collective bargaining for union-represented employees.

The Regents are scheduled to consider modifications to benefit design for pension benefits at meetings during the Fall 2010. The modifications to be considered include recommendations by the Post-Employment Benefits Task Force, which submitted its report to the University President in August 2010.

## Cautionary Note Regarding Forward-Looking Statements

Certain information provided by the University, including written information as outlined above or oral statements made by its representatives, may contain forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical facts, which address activities, events, or developments that the University expects or anticipates will or may occur in the future contain forward-looking information.

## Fiduciary Responsibilities

The Vice President, Human Resources, has primary responsibility for Plan administrative functions and the Chief Investment Officer has primary fiduciary responsibility for implementing Plan investment policy. The Regents determines investment policy and retains broad oversight fiduciary responsibility for investment and administrative functions used for the exclusive benefit of plan members, retirees and their beneficiaries and for administrative expenses.

## PRICEWATERHOUSE(OOPERS 图

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## Report of Independent Auditors

To the Regents of the University of California

In our opinion, the accompanying statements of fiduciary net assets and the related statements of changes in fiduciary net assets (presented on pages 16 through 33) present fairly, in all material respects, the financial position of the University of California Retirement Plan (the "Plan") at June 30, 2010 and 2009, and the changes in fiduciary net assets for the years then ended in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

As discussed in Note 1, the Plan adopted Governmental Accounting Standards Board Statement No. 53, Accounting and Financial Reporting for Derivative Instruments, as of July 1, 2009.

As discussed in Note 1, the financial statements of the Plan are intended to present the fiduciary net assets and the changes in fiduciary net assets of only that portion of activities that are attributable to the Plan. They do not purport to, and do not, present fairly the financial position of the University of California as of June 30, 2010 and 2009, and the changes in its financial position and cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

The Required Supplementary Information ("RSI") on pages 34 and 35 is not a required part of the financial statements but is supplementary information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the RSI. However, we did not audit the information and express no opinion on it.

## PMunrteshouselorpass LLP

October 14, 2010
San Francisco, California

## Financial Statements

| STATEMENTS OF FIDUCIARY NET ASSETS (\$ in thousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| June 30 |  | 2010 |  | 2009 |
| ASSETS |  |  |  |  |
| Investments, at fair value: |  |  |  |  |
| Equity securities: |  |  |  |  |
| Domestic | \$ | 9,395,224 | \$ | 9,683,659 |
| Foreign |  | 6,805,832 |  | 6,884,098 |
| Private equities |  | 2,349,932 |  | 1,724,786 |
| Fixed income securities: |  |  |  |  |
| U.S. government |  | 3,135,088 |  | 2,645,586 |
| Other U.S. dollar-denominated |  | 5,639,456 |  | 4,951,071 |
| Foreign |  | 18,734 |  | 37,077 |
| Commingled funds |  | 6,037,655 |  | 5,378,817 |
| Real estate |  | 948,640 |  | 980,369 |
| Real assets |  | 161,114 |  | - |
| Investment derivatives |  | 648,325 |  | 424,231 |
| Total Investments |  | 35,140,000 |  | 32,709,694 |
| Investment of Cash Collateral |  | 6,363,777 |  | 6,596,311 |
| Receivables: |  |  |  |  |
| Contributions |  | 163,167 |  | 59,449 |
| Interest and dividends |  | 75,459 |  | 78,275 |
| Securities sales and other |  | 53,885 |  | 681,259 |
| Total Receivables |  | 292,511 |  | 818,983 |
| Total Assets |  | 41,796,288 |  | 40,124,988 |
| LIABILITIES |  |  |  |  |
| Payable for securities purchased |  | 650,348 |  | 1,057,760 |
| Member withdrawals, refunds and other payables |  | 204,809 |  | 188,862 |
| Collateral held for securities lending |  | 6,366,677 |  | 6,619,824 |
| Total Liabilities |  | 7,221,834 |  | 7,866,446 |
| Net Assets Held in Trust for Pension Benefits* |  | 34,574,454 |  | 32,258,542 |
| * See Required Supplementary Schedule of Funding Progress. See accompanying Notes to Financial Statements. |  |  |  |  |


| STATEMENTS OF CHANGES IN FIDUCIARY NET ASSETS (\$ in thousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Years Ended June 30 |  | 2010 |  | 2009 |
| ADDITIONS (REDUCTIONS) |  |  |  |  |
| Contributions: |  |  |  |  |
| University | \$ | 148,446 | \$ | 454 |
| Members |  | 23,374 |  | 1,300 |
| Total Contributions |  | 171,820 |  | 1,754 |
| Investment Income (Loss): |  |  |  |  |
| Net appreciation (depreciation) in fair value of investments |  | 3,311,080 |  | $(9,022,624)$ |
| Interest, dividends, and other investment income |  | 803,160 |  | 1,036,626 |
| Securities lending income |  | 51,006 |  | 149,064 |
| Less securities lending fees and rebates |  | $(15,705)$ |  | $(73,216)$ |
| Total Investment Income (Loss) |  | 4,149,541 |  | $(7,910,150)$ |
| Interest Income from Contributions Receivable |  | 4,756 |  | 5,246 |
| Total Additions (Reductions) |  | 4,326,117 |  | $(7,903,150)$ |
| DEDUCTIONS |  |  |  |  |
| Benefit Payments: |  |  |  |  |
| Retirement payments |  | 1,377,714 |  | 1,282,584 |
| Member withdrawals |  | 76,485 |  | 78,794 |
| Cost-of-living adjustments |  | 256,400 |  | 235,134 |
| Lump sum cashouts |  | 190,492 |  | 156,572 |
| Preretirement survivor payments |  | 34,752 |  | 33,487 |
| Disability payments |  | 35,331 |  | 35,984 |
| Death payments |  | 6,377 |  | 6,462 |
| Total Benefit Payments |  | 1,977,551 |  | 1,829,017 |
| Expenses: |  |  |  |  |
| Plan administration |  | 28,658 |  | 31,020 |
| Other |  | 3,996 |  | 1,433 |
| Total Expenses |  | 32,654 |  | 32,453 |
| Total Deductions |  | 2,010,205 |  | 1,861,470 |
| Increase (Decrease) in Net Assets Held in Trust for Pension Benefits |  | 2,315,912 |  | $(9,764,620)$ |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS |  |  |  |  |
| Beginning of Year |  | 32,258,542 |  | 42,023,162 |
| End of Year |  | 4,574,454 |  | 32,258,542 |

## Notes to Financial Statements

## NOTE 1 - Description of the Plan and Significant Accounting Policies

## General Introduction

The University of California Retirement Plan (UCRP or the Plan) is a defined benefit plan providing lifetime retirement income, disability protection, death benefits, and postretirement and preretirement survivor benefits to eligible employees of the University of California (the University) and its affiliate, Hastings College of the Law.

Established in 1961, membership in the Plan is required for all employees appointed to work at least 50 percent time for one year or more or for an indefinite period. Effective January 1, 2001, employees with limited appointments, employees in contract positions, employees in "non-career" positions at the Department of Energy's (DOE) Lawrence Berkeley National Laboratory (LBNL), and certain academic employees are eligible for UCRP membership after working 1,000 hours in a continuous 12-month period.
Generally, five years of service are required for entitlement to Plan benefits. The amount of the monthly pension benefit is determined under the basic formula of covered compensation times age factor times years of service credit. The maximum monthly benefit cannot exceed 100 percent of the employee's highest average plan compensation over a 36 -month period, as adjusted for the annual Internal Revenue Code (IRC) $\$ 401(\mathrm{a})(17)$ limit on covered compensation. The annual benefit is subject to limitations established by IRC $\$ 415$. Annual cost-of-living adjustments (COLAs) are made to monthly benefits according to a specified formula based on the Consumer Price Index (CPI). Ad hoc COLAs may be granted subject to funding availability.
The Plan offered three Voluntary Early Retirement Incentive Programs (VERIPs) adopted by The Regents of the University of California (The Regents), which granted enhanced benefits to certain eligible members upon electing early retirement. The VERIPs are known as Plus 5 (fiscal year 1990-1991), Take 5 (fiscal year 1992-1993) and VERIP III (fiscal year 1993-1994).

The Plan includes four membership classifications: members with Social Security, members without Social Security, Safety members (police and firefighters), and Tier Two members. At June 30, 2010, active Plan membership consisted of 112,700 members with Social Security, 1,796 members without Social Security, 418 safety members and 14 Tier Two members.

Members' contributions are recorded separately and accrue interest at a rate determined by The Regents, the Plan's trustee, from time to time. Currently member contributions accrue interest at an annual compounded rate of six percent, credited monthly. Upon termination, members may elect a refund of their contributions plus accumulated interest (and their Capital Accumulation Payment (CAP) balance if any); vested terminated members who are eligible to retire may also elect a lump sum payment equal to the actuarially equivalent present value of their accrued benefits. Both actions forfeit the member's right to monthly benefits based on the same service credit.

From July 1, 1966, to June 30, 1971, the Plan maintained a noncontributory period for most members; contributions were required only from members who had reached age thirty and had at least one year of service. Member plan accounts designated "Plan 02 " were established to keep track of contributions that would have been made had a member been contributing during this period. Future retirement benefits for members with Plan 02 accounts are reduced to account for the contributions that were not made, unless the member repays the Plan 02 balance.
For the period from July 1, 1987 to July 1, 1990, qualifying Plan members could elect to participate in noncontributory Plan membership known as Tier Two. Tier Two provides a lower level of retirement income, disability protection and survivor benefits, calculated using specific Tier Two formulas based on the member's covered compensation times age factor times years of service credit.

Plan members may also have a balance in the Plan consisting of CAP allocations, which were credited in behalf of eligible members on various dates in 1992, 1993, 1994, 2002 and 2003. Provided to supplement basic Plan benefits, the allocations were equal to a percentage of the eligible member's covered compensation paid during the specified period. The CAP balance is generally payable in a lump sum at retirement or separation from service and includes interest credited monthly equal to an annual percentage yield (APY) of 8.5 percent for allocations made in 1992, 1993, and 1994. For allocations made in 2002 and 2003, the interest credited monthly is equal to the Plan's actuarial investment rate of return assumption, which currently equates to an APY of 7.5 percent. The APY applied to the 2002 and 2003 allocation will vary according to changes in the investment rate of return assumption for the Plan.

At June 30, 2010, Plan membership included 53,902 retirees, beneficiaries, and disabled members currently receiving benefits, 31,623 terminated vested employees entitled to benefits but not yet receiving them, and 23,414 terminated non-vested employees entitled to a refund of their Plan accumulations and/or CAP balances, including the balances for Los Alamos National Laboratory (LANL) and Lawrence Livermore National Laboratory (LLNL) members who transferred their benefits and service credit to the defined benefit pension plans established by Los Alamos National Security (LANS) or Lawrence Livermore National Security (LLNS), as applicable, and are eligible for a CAP distribution. Of current active employees, 67,587 are fully vested and 47,341 are non-vested active employees covered by the Plan.

Employer contributions are made to the Plan on behalf of all members. The rate of University contributions is established annually pursuant to The Regents' funding policy (see Note 5 on page 32). For LLNL and LANL retirees and inactive members who remain members in the Plan, the DOE has an ongoing financial responsibility to reimburse the University for contributions to the Plan, if needed, to satisfy the liabilities attributable to the benefits of members who previously worked at LLNL and LANL.

## Basis of Accounting

The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America, including all applicable effective statements of the Governmental Accounting Standards Board (GASB), and the accrual basis of accounting.

GASB Statement No. 53, Accounting and Financial Reporting for Derivative Instruments, was adopted during the year ended June 30, 2010. Statement No. 53 requires the Plan to report its derivative instruments at fair value. Changes in fair value for effective hedges that are achieved with derivative instruments are to be reported as deferrals in the statement of fiduciary net assets. Derivative instruments that either do not meet the criteria for an effective hedge or are associated with investments that are already reported at fair value are to be classified as investment derivative instruments. Changes in fair value of those derivative instruments are to be reported as net appreciation or depreciation in the fair value of investments. The adoption of Statement No. 53 resulted in reclassifications of investment derivatives.

## Valuation of Investments

Investments are recorded at fair value. Securities, including derivative investments, are valued at the last sale price on the last business day of the fiscal year, as quoted on a recognized exchange or an industry standard pricing service, when available. Securities for which no sale was reported as of the close of the last business day of the fiscal year are valued at the quoted bid price of a dealer who regularly trades in the security being valued. Certain securities may be valued on a basis of a price provided by a single source.

As a result of inactive or illiquid markets, investments in nonagency mortgage-backed fixed income securities are valued on the basis of their estimated future principal and interest payments using appropriate risk-adjusted discount rates.
Investments include private equities, absolute return funds and real estate. Private equities include venture capital partnerships, buyout and international funds. Interests in private equity and real estate partnerships are based upon valuations provided by the general partners of the respective partnerships as of March 31, adjusted for cash receipts, cash disbursements and securities distributions through June 30. Investments in absolute return partnerships are valued as of May 31, adjusted for cash receipts and cash disbursements through June 30. Interests in certain direct investments in real estate are estimated based upon independent appraisals. The Plan believes the carrying amount of these financial instruments and real estate is a reasonable estimate of fair value at June 30. Because the private equity, real estate and absolute return partnerships, along with direct investments in real estate, are not readily marketable, their estimated value is subject to uncertainty and, therefore, may differ significantly from the value that would be used had a ready market for such investments existed. Investments in registered investment companies are valued based upon the reported net asset value of those companies.

Derivative instruments are recorded at fair value. Futures contracts, foreign currency exchange contracts and forward contracts to purchase securities on a to-be-announced basis are valued at the last sales price on the last day of the fiscal year, as quoted on a recognized exchange or an industry standard pricing service.

## Accounting for Investments

Investment transactions are recorded on the date the securities are purchased or sold (trade date). Realized gains or losses are recorded as the difference between the proceeds from the sale and the average cost of the investment sold. Dividend income is recorded on the ex-dividend date and interest income is accrued as earned.

Investments denominated in foreign currencies are translated into U.S. dollar equivalents using year-end spot foreign currency exchange rates. Purchases and sales of investments and their related income are translated at the rate of exchange on the respective transaction dates. Realized and unrealized gains and losses resulting from foreign currency changes are included in the Plan's statement of changes in fiduciary net assets.

## Administrative Expenses

Administrative expenses are incurred in connection with the operation of the Plan for items such as staff salaries and benefits, investment management, information systems, leased space, supplies and equipment, and professional services rendered by the Plan actuary, legal counsel, and independent auditor. Total Plan administrative expenses, which are paid from Plan assets, represent approximately $\$ 32.7$ million or 0.09 percent and $\$ 32.5$ million or 0.10 percent, respectively, of the net assets held in trust for pension benefits for fiscal years 2010 and 2009.

## Income Tax Status

The form of the Plan is intended to qualify under IRC \$401(a) and the regulations thereunder and the Plan's trust is intended to be exempt from taxation under IRC $\$ 501(\mathrm{a})$.
In a letter to the University dated November 8, 2007, the Internal Revenue Service (IRS) confirmed its determination that the form of the Plan as amended through December 11, 2002 (other than amendments authorized by the Economic Growth and Tax Relief Reconciliation Act of 2001) met the requirements for qualification under IRC $\$ 401(\mathrm{a})$. Since then, the Plan has been amended to comply with subsequent tax acts and state laws and to make certain design changes recommended by the President of
the University and approved by The Regents. Tax counsel for the Plan is not aware of any existing circumstances related to such amendments that indicate a failure to comply with the relevant requirements of the IRC in any material respect. To the best of tax counsel's knowledge, the Plan has been administered in accordance with its terms and the applicable provisions of the IRC and related regulations thereunder, in all material respects.

## Use of Estimates in the Preparation of Financial Statements

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures during the reporting period. Although management believes the estimates and assumptions are reasonable, they are based upon information available at the time the estimate or judgment is made and actual amounts could differ from those estimates.

The financial statements of the Plan are intended to present the fiduciary net assets and the changes in fiduciary net assets of only that portion of activities that are attributable to the Plan. They do not purport to, and do not, present fairly the financial position of the University of California as of June 30, 2010 and 2009.

## NOTE 2 - Investments

The Regents, as the governing board and as trustee, is responsible for the oversight of the Plan's investments and establishes investment policy, which is carried out by the Chief Investment Officer. The Chief Investment Officer has primary fiduciary responsibility for investing the Plan's assets consistent with the policies established by The Regents. The Regents establishes investment policies for the Plan and has fiduciary responsibility for overseeing the implementation of those policies.
Participation in the Short Term Investment Pool (STIP) maximizes the returns on short-term cash balances by taking advantage of the economies of scale of investing in a large pool with a broad range of maturities. STIP is managed to maximize current earned income. The available cash in the Plan awaiting investment or for administrative expenses is also invested in STIP. Investments authorized by The Regents for STIP include fixed income securities with a maximum maturity of five and one-half years.

Asset backed securities are debt obligations that represent claims to the cash flows from pools of commercial, mortgage, credit card or student loans. Mortgage backed securities issued by Ginnie Mae are backed by the full faith and credit of the U.S. government. Effective September 2008, Fannie Mae and Freddie Mac were placed under the conservatorship of the Federal Housing Finance Agency. At the same time, the U.S. Treasury put in place a set of financing agreements to ensure Fannie Mae and Freddie Mac have the ability to fulfill their obligations to holders of bonds that they have issued or guaranteed.

Investments authorized by The Regents for the Plan's investment pools and separate investments include equity securities, fixed-income securities and certain other asset classes. The equity portion of the investment portfolios may include both domestic and foreign common and preferred stocks, and actively managed and passive (index) strategies, along with a modest exposure to private equities. Private equities include venture capital partnerships, buyouts and international funds. The Plan's investment portfolios may include certain foreign currency-denominated equity securities.
The fixed income portion of the investment portfolios may include both domestic and foreign securities, along with certain securitized investments, including mortgage-backed and asset-backed securities. Fixed income investment guidelines permit the use of futures and options on fixed income instruments in the ongoing management of the portfolios. Derivative contracts are authorized for portfolio rebalancing in accordance with The Regents' asset allocation policy and as substitutes for physical securities. Real estate investments and absolute return strategies are authorized for the Plan. Absolute return strategies may incorporate short sales, plus derivative positions to implement or hedge an investment position.

Derivative instruments, including futures, forward contracts, options and securities on a to-be-announced basis are authorized for portfolio rebalancing in accordance with The Regents' asset allocation policy and as substitutes for physical securities. They are not used for speculative purposes.

The composition of investments and derivative instruments, by investment type at June 30, 2010 and 2009 is as follows:


[^2]
## Investment Risk Factors

There are many factors that can affect the value of investments. Some, such as custodial credit risk, concentration of credit risk, and foreign currency risk may affect both equity and fixed income securities. Equity securities respond to such factors as economic conditions, individual company earnings performance, and market liquidity, while fixed income securities are particularly sensitive to credit risks and changes in interest rates. Alternative investment strategies and their underlying assets and rights are also subject to an array of economic and market vagaries that can limit or erode value.

## Credit Risk

Fixed income securities are subject to credit risk, which is the chance that a bond issuer will fail to pay interest or principal in a timely manner, or that negative perceptions of the issuer's ability to make these payments will cause security prices to decline. These circumstances may arise due to a variety of factors such as financial weakness, bankruptcy, litigation and/or adverse political developments. Certain fixed income securities, including obligations of the U.S. government or those explicitly guaranteed by the U.S. government, are not considered to have credit risk.

A bond's credit quality is an assessment of the issuer's ability to pay interest on the bond, and ultimately to pay the principal. Credit quality is evaluated by one of the independent bondrating agencies, for example, Moody's Investors Service (Moody's) or Standard and Poor's (S\&P). The lower the rating, the greater the chance in the rating agency's opinion that the bond issuer will default, or fail to meet its payment obligations. Generally, the lower a bond's credit rating, the higher its yield should be to compensate for the additional risk.

The investment guidelines for STIP recognize that a limited amount of credit risk, properly managed and monitored, is prudent and provides incremental risk-adjusted return over its benchmark. (The benchmark for STIP, the 2-year Treasury Note, does not contain credit risk.) No more than 5 percent of the total market value of the STIP portfolio may be invested in securities rated below investment grade ( $\mathrm{BB}, \mathrm{Ba}$ or lower). The average credit quality of STIP must be A or better, and commercial paper must be rated at least A-1, P-1, or F-1.
Credit risk is appropriate in balanced investment pools such as the Plan by virtue of the benchmark chosen for the fixed income portion of the pool.
The fixed income benchmarks for the Plan, the Citigroup Large Pension Fund Index in 2009 and the Barclays Capital
U.S. Aggregate Bond Index in 2010, are comprised of approximately 30 percent high grade corporate bonds and 30-35 percent mortgage/asset-backed securities, all of which carry some degree of credit risk. The remaining 35-40 percent is government-issued bonds.
Credit risk in the Plan is managed primarily by diversifying across issuers. In addition, portfolio guidelines for the Plan mandate that no more than 10 percent of the market value of fixed income securities may be invested in issues with a credit rating below investment grade. Further, the weighted average credit rating must be A or higher.
In addition, the investment policy for the Plan allows for dedicated allocations to non-investment grade and emerging market bonds, investment in which entails credit, default and/ or sovereign risk.

The credit risk profile for fixed or variable income securities at June 30, 2010 and 2009 is as follows:

| FIXED OR VARIABLE INCOME SECURITIES (\$ in thousands) |  |  |
| :--- | ---: | ---: |
| U.S. government-guaranteed |  |  |
| Other U.S. dollar-denominated: | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| AAA |  |  |
| AA | $2,163,469$ | $1,698,042$ |
| A | 194,707 | 112,770 |
| BBB | 542,681 | 560,937 |
| BB | $1,002,259$ | 963,787 |
| B | 544,791 | 579,811 |
| CC | 849,983 | 757,975 |
| CCC | 47,468 | - |
| A1/P1/F1 | 282,806 | 276,597 |
| Not rated | 9,756 | - |
| Foreign currency-denominated: | 1,536 | - |
| AAA | - |  |
| B | 18,734 | 37,077 |
| Commingled funds: | 4,429 |  |
| U.S. bond funds: Not rated | 732,799 | $1,206,099$ |
| Money market funds: |  |  |
| Not rated | 655,645 | 430,810 |
| Investment derivatives: |  |  |
| Forward contracts on a |  |  |
| to-be-announced basis: AAA |  |  |

## Custodial Credit Risk

Custodial credit risk is the risk that, in the event of the failure of the custodian, the investments may not be returned. The Plan's securities are registered in the name of The Regents as trustee of the Plan by the custodial bank. Other types of investments represent ownership interests that do not exist in physical or book-entry form. As a result, custodial credit risk is remote.

## Concentration of Credit Risk

Concentration of credit risk is the risk associated with a lack of diversification, such as having substantial investments in a few individual issuers, thereby exposing the Plan to greater risks resulting from adverse economic, political, regulatory, geographic, or credit developments.

The U.S. and non-U.S. equity portions of the plan may be managed either passively or actively. For the portion managed passively, the concentration of individual securities is exactly equal to their concentration in the benchmark. While some securities have a larger representation in the benchmark than others, the Plan's trustee considers that passive management results in an absence of concentration of credit risk. For the portion managed actively, asset class guidelines do not specifically address concentration risk, but do state that the U.S. equity asset class in the aggregate will be appropriately diversified to control overall risk and will exhibit portfolio characteristics similar to the asset class benchmark (including concentration of credit risk). Concentration risk for individual portfolios is monitored relative to their individual benchmarks and agreed-upon risk parameters in their guidelines.

Investment guidelines addressing concentration of credit risk related to the investment-grade fixed income portion of the Plan portfolio include a limit of no more than three percent of the portfolio's market value to be invested in any single issuer (except for securities issued by the U.S. government or its agencies). These same guidelines apply to the STIP. For high-yield and emerging market debt, the corresponding limit is five percent.
There are no investments in issuers other than U.S. government guaranteed securities that represent five percent or more of the total investments at June 30, 2010 or 2009.

## Interest Rate Risk

Interest rate risk is the risk that the value of fixed and variable income securities will decline because of changing interest rates. The prices of fixed income securities with a longer time to maturity, measured by effective duration, tend to be more sensitive to changes in interest rates and, therefore, more volatile than those with shorter durations. Effective duration is the approximate change in price of a security resulting from a 100 basis point ( 1 percentage point) change in the level of interest rates. It is not a measure of time.

Interest rate risk for the STIP is managed by constraining the maturity of all individual securities to be less than five and one-half years. There is no restriction on weighted average maturity of the portfolio as it is managed relative to the liquidity demands of the investors. The nature and maturity of individual securities in the STIP allow for the use of weighted average maturity as an effective risk management tool, rather than the more complex measure, effective duration.
Portfolio guidelines for the fixed income portion of the Plan limit weighted average effective duration to the effective duration of the benchmarks (Citigroup Large Pension Fund Index and Barclays Capital U.S. Aggregate Bond Index), plus or minus 20 percent. These portfolio guidelines constrain the potential price movement due to interest rate changes of the portfolio to be similar to that of the benchmark. There are similar restrictions for the high-yield and emerging market debt portfolios relative to their benchmarks.

The effective duration for fixed and variable income securities at June 30, 2010 and 2009 are as follows:

| FIXED OR VARIABLE INCOME SECURITIES: |  |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| U.S. government-guaranteed: |  |  |
| U.S. Treasury bills, notes and bonds | 2.1 | 4.9 |
| U.S. Treasury strips | 19.1 | 21.0 |
| U.S. TIPS | 3.8 | 5.1 |
| U.S. government-backed securities | 5.8 | 6.0 |
| Other U.S dollar-denominated: |  |  |
| Corporate bonds | 4.9 | 5.8 |
| U.S. agencies | 6.6 | 6.0 |
| U.S. agencies asset-backed securities | 2.7 | 4.8 |
| Corporate asset-backed securities | 3.4 | 6.5 |
| Supranational/foreign | 6.0 | 6.9 |
| Other | 14.3 | - |
| Foreign currency denominated: |  |  |
| Corporate | 4.2 | 4.1 |
| Commingled funds: |  |  |
| STIP, other money market funds | 1.6 | 1.7 |
| Investment derivatives: |  |  |
| Forward contracts on a to-be-announced basis | 3.6 | 5.0 |

The money market funds consist of underlying securities that are of a short-term, liquid nature.

Investments may also include various mortgage-backed securities, collateralized mortgage obligations, structured notes, variable-rate securities, callable bonds that may be considered to be highly sensitive to changes in interest rates due to the existence of prepayment or conversion features. Although the effective durations of the securities may be low, they are considered to be highly sensitive to changes in interest rates.

At June 30, 2010 and 2009, the fair values of such investments are as follows:

|  | (\$ in thousands) |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Mortgage-backed securities | \$ 1,096,679 | \$ 940,076 |
| Collateralized mortgage obligations | 152,343 | 204,189 |
| Variable rate securities | 11,773 | 24,973 |
| Callable bonds | 762,687 | 768,436 |
| Other asset-backed securities | 337,308 | 65,571 |
| Convertible bonds | 4,503 | - |
| Investment derivatives: <br> Forward contracts on a to-be-announced basis | 655,645 | 430,810 |
| Total | \$3,020,938 | \$2,434,055 |

## Mortgage-Backed Securities

These securities are issued by Fannie Mae, Ginnie Mae and Freddie Mac and include short embedded prepayment options. Unanticipated prepayments by the obligees of the underlying asset reduces the total expected rate of return.

## Collateralized Mortgage Obligations

Collateralized mortgage obligations (CMOs) generate a return based upon the payment of either interest or principal on mortgages in an underlying pool. The relationship between interest rates and prepayments make the fair value highly sensitive to changes in interest rates. In falling interest rate environments, the underlying mortgages are subject to a higher propensity of prepayments. In a rising interest rate environment, the opposite is true.

## Other Asset-Backed Securities

Other asset-backed securities also generate a return based upon the payment of either interest or principal on obligations in an underlying pool, generally associated with auto loans or credit cards. As with CMOs, the relationship between interest rates and prepayments make the fair value highly sensitive to changes in interest rates.

## Variable Rate Securities

These securities are investments with terms that provide for the adjustment of their interest rates on set dates and are expected to have fair values that will be relatively unaffected by interest rate changes. Variable rate securities may have limits on how high or low the interest rate may change.
These constraints may affect the market value of the security.

## Callable Bonds

Although bonds are issued with clearly defined maturities, an issuer may be able to redeem, or call, a bond earlier than its maturity date. The Plan's trustee must then replace the called bond with a bond that may have a lower yield than the original. The call feature causes the fair value to be highly sensitive to changes in interest rates. At June 30, 2010 and 2009, the effective durations for these securities are as follows:

|  | 2010 | 2009 |
| :---: | :---: | :---: |
| Mortgage-backed securities | 4.2 | 7.6 |
| Collateralized mortgage obligations | 2.2 | 2.4 |
| Variable rate securities | 2.4 | 1.8 |
| Callable bonds | 4.2 | 4.3 |
| Other asset-backed securities | 0.9 | 0.7 |
| Convertible bonds | 4.4 | - |
| Investment derivatives: <br> Forward contracts on a to-be-announced basis | 3.6 | 5.0 |

## Foreign Currency Risk

The Plan trustee's strategic asset allocation policy includes allocations to non-U.S. equities and non-dollar-denominated bonds. The benchmarks for these investments are not hedged; therefore, foreign currency risk is an essential part of the investment strategies. Portfolio guidelines for U.S. investment-grade fixed income securities also allow exposure to non-U.S. dollar-denominated bonds up to 10 percent of the total portfolio market value. Exposure to foreign currency risk from these securities is permitted and it may be fully or partially hedged using forward foreign currency exchange contracts. Under The Regents' investment policies, such instruments are not permitted for speculative use or to create leverage. Similar limits on foreign exchange exposure apply to the high-yield debt and emerging market debt portfolios ( 10 percent and 20 percent, respectively).

At June 30, 2010 and 2009, the U.S. dollar-denominated balances organized by currency denominations and investment type are as follows:

|  | (\$ in thousands) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2010 |  | 2009 |
| Equity securities: |  |  |  |  |
| Euro | \$ | 1,889,177 | \$ | 2,119,200 |
| Japanese Yen |  | 1,407,229 |  | 1,455,529 |
| British Pound |  | 1,248,189 |  | 1,279,254 |
| Canadian Dollar |  | 607,036 |  | 540,511 |
| Swiss Franc |  | 527,753 |  | 500,909 |
| Australian Dollar |  | 447,003 |  | 414,550 |
| Hong Kong Dollar |  | 192,513 |  | 201,130 |
| Swedish Krona |  | 158,635 |  | 132,809 |
| Singapore Dollar |  | 115,012 |  | 100,850 |
| Danish Krone |  | 64,927 |  | 53,962 |
| Norwegian Krone |  | 41,114 |  | 45,438 |
| Israeli Shekel |  | 40,090 |  | - |
| Other |  | 67,154 |  | 39,956 |
| Subtotal |  | 6,805,832 |  | 6,884,098 |
| Fixed income securities: |  |  |  |  |
| Euro |  | 17,964 |  | 36,675 |
| British Pound |  | 770 |  | 402 |
| Subtotal |  | 18,734 |  | 37,077 |
| Commingled funds -Non-U.S. equity funds: |  | 1,956,186 |  | 1,681,224 |
| Investment derivatives: |  |  |  |  |
| Euro |  | 726 |  | $(1,344)$ |
| British Pound |  | 327 |  | (316) |
| Japanese Yen |  | (314) |  | (157) |
| Swiss Franc |  | - |  | (68) |
| Canadian Dollar |  | 399 |  | 531 |
| Australian Dollar |  | (191) |  | 125 |
| Other |  | 89 |  | 13 |
| Subtotal |  | 1,036 |  | $(1,216)$ |
| Private equity: |  |  |  |  |
| Euro |  | 12,634 |  | 15,547 |
| Swedish Krona |  | 2,898 |  | 839 |
| Real estate: |  |  |  |  |
| Hong Kong Dollar |  | 8,622 |  | 16,414 |
| Japanese Yen |  | 6,092 |  | 14,398 |
| Other |  | 19,670 |  | 28,990 |
| Subtotal |  | 49,916 |  | 76,188 |
| Total exposure to foreign currency risk |  | 8,831,704 |  | 8,677,372 |

## Alternative Investment Strategies

Alternative investments are defined as marketable alternatives (hedge funds), limited partnerships, private equity and venture capital funds. Alternative investments include ownership interests in a wide variety of vehicles including partnerships and corporations that may be domiciled in the United States or off-shore. Generally, there is little or no regulation of these investment vehicles by the Securities and Exchange Commission or the applicable state agencies. Managers of these investments employ a wide variety of strategies and have areas of concentration including absolute return, venture capital or early stage investing, private equity or later stage investing and the underlying investments may be leveraged to enhance the total investment return. Each asset class has guidelines and policies regarding the use of leverage. Such underlying investments may include financial assets such as marketable securities, non-marketable securities, derivatives and other synthetic and structured investments as well as tangible and intangible assets. Generally, these alternative investments do not have a ready market and ownership interests in these investment vehicles may not be traded without the approval of the general partner or fund management. These investments are subject to the risks generally associated with equities and fixed income instruments with additional risks due to leverage and the lack of a ready market for acquisition or disposition of ownership interests.

## NOTE 3 - Securities Lending

The Plan participates in a securities lending program as a means to augment income. Securities are lent to selected brokerage firms for which collateral received equals or exceeds the fair value of such investments during the period of the loan. Securities loans immediately terminate upon notice by either the Plan or the borrower. Collateral may be cash or securities issued by the U.S. government or its agencies, or the sovereign or provincial debt of foreign countries. Collateral securities cannot be pledged or sold by the Plan unless the borrower defaults.

Loans of domestic equities and all fixed income securities are initially collateralized at 102 percent of the fair value of securities lent.

Loans of foreign equities are initially collateralized at 105 percent. All borrowers are required to provide additional collateral by the next business day if the value of the collateral falls to less than 100 percent of the fair value of securities lent.

Cash collateral received from the borrower is invested by lending agents, as agents for the Plan, in investment pools in the name of the Plan, with guidelines approved by the Plan. These investments are shown as investment of cash collateral in the statements of fiduciary net assets. At June 30, 2010 and 2009, the securities in these pools had a weighted average maturity of 32 and 37 days, respectively. The Plan records a liability for the return of the cash collateral shown as collateral held for securities lending in the statements of fiduciary net assets. Securities collateral received from the borrower is held in an investment pool by the Plan's custodial bank.

At June 30, 2010, the Plan had little exposure to borrowers because the amounts the Plan owed the borrowers were substantially the same as the amounts the borrowers owed the Plan. The Plan is fully indemnified by its lending agents against any losses incurred as a result of borrower default.

Securities lending transactions at June 30, 2010 and 2009 are as follows:

|  | (\$ in thousands) |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| SECURITIES LENT |  |  |
| For cash collateral: |  |  |
| Equity securities: |  |  |
| Domestic | \$ 1,940,705 | \$ 2,347,658 |
| Foreign | 698,872 | 1,512,959 |
| Fixed income securities: |  |  |
| U.S. government | 2,623,266 | 1,936,657 |
| Other U.S. dollar-denominated | 914,575 | 572,601 |
| Lent for Cash Collateral | 6,177,418 | 6,369,875 |
| For securities collateral: |  |  |
| Equity securities: |  |  |
| Domestic | 196,241 | 86,107 |
| Foreign | 535,505 | 116,282 |
| Fixed income securities: |  |  |
| U.S. government | 176,995 | 32,780 |
| Other U.S. dollar-denominated | 367,363 | 47,360 |
| Foreign currency-denominated | 3,618 | 14,283 |
| Lent for Securities Collateral | 1,279,722 | 296,812 |
| Total Securities Lent | \$ 7,457,140 | \$6,666,687 |
| COLLATERAL RECEIVED |  |  |
| Cash | \$ 6,366,677 | \$ 6,619,824 |
| Securities | 1,324,546 | 304,643 |
| Total Collateral Received | \$7,691,223 | \$6,924,467 |
| INVESTMENT OF CASH RECEIVED |  |  |

Fixed or variable income securities:
Other U.S. dollar-denominated:

| Corporate bonds | \$ 368,964 | \$ 701,367 |
| :---: | :---: | :---: |
| Commercial paper | 406,257 | 297,373 |
| Repurchase agreements | 1,952,399 | 774,223 |
| Corporate asset-backed securities | 513,130 | 1,518,233 |
| Certificates of deposit/time deposits | 2,140,343 | 3,267,472 |
| Supranational/foreign | 688,747 | 182,000 |
| U.S. Agencies | 248,279 | - |
| Commingled funds: Money market funds: Not rated | 48,278 | 269,757 |
| Liabilities, net* | $(2,620)$ | $(414,114)$ |
| tal Investment of Cash Collateral | \$6,363,777 | \$6,596,311 |

* Liabilities, net is comprised of pending settlements of cash collateral investments.

The Plan earns interest and dividends on the collateral held during the loan period, as well as a fee from the brokerage firm, and is obligated to pay a fee and rebate to the borrower. The Plan receives the net investment income. The securities lending income and fees and rebates for the years ended June 30, 2010 and 2009 are as follows:

|  | (\$ in thousands) |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Securities lending income | \$ 51,006 | \$149,064 |
| Securities lending fees and rebates | $(15,705)$ | $(73,216)$ |
| Securities lending income, net | \$35,301 | \$75,848 |

## Investment Risk Factors

There are a variety of potential risk factors involved in a securities lending program. Risks associated with the investment of cash collateral may include the credit risk from fixed income securities, concentration of credit risk, interest rate risk and foreign currency risk. In addition, there may be custodial credit risk associated with both cash and securities received as collateral for securities lent.

The Plan investment policies and other information related to each of these risks are summarized below.

## Credit Risk

The Plan's investment policies for the investment of cash collateral maintained in separately managed collateral pools restrict the credit rating of issuers to no less than $\mathrm{A}-1, \mathrm{P}-1$, or F-1 for short-term securities and no less than A2/A for long-term securities. Asset-backed securities must have a rating of AAA.

The credit risk profile for fixed or variable income securities and commingled funds associated with the investment of cash collateral at June 30, 2010 and 2009 is as follows:

| FIXED OR VARIABLE INCOME SECURITIES | ( $\$$ in thousands) |  |  |  |  |
| :--- | ---: | ---: | :---: | :---: | :---: |
| Other U.S. dollar-denominated: |  |  |  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| AAA | $\$ 795,816$ | $\$ 1,438,907$ |  |  |  |
| AA | 669,873 | 512,579 |  |  |  |
| A | 257,979 | 454,357 |  |  |  |
| BBB | 1,953 | 19,509 |  |  |  |
| BB | $4,592,498$ | $4,287,173$ |  |  |  |
| A1/P1/F1 |  |  |  |  |  |
| Commingled funds: |  |  |  |  |  |
| Money market funds: |  |  |  |  |  |
| Not rated |  |  |  |  |  |

## Custodial Credit Risk

Cash collateral received for securities lent is invested in pools by the Plan's lending agents. The Plan's securities related to the investment of cash collateral are registered in the Plan's name by the lending agent. Securities collateral received for securities lent are held in investment pools by the Plan's lending agent. As a result, custodial credit risk is remote.

## Concentration of Credit Risk

The Plan's investment policy with respect to the concentration of credit risk associated with the investment of cash collateral in the separately managed collateral pools restricts investments in any single issuer of corporate debt securities, time deposits, certificates of deposit, bankers acceptances and money market funds to no more than five percent of the portfolio value. As of June 30, 2010 and 2009, the concentration of credit risk is as follows:

|  | (\$ in thousands) |  |
| :--- | :---: | ---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| Bank of America | $\$ 836,666$ | $\$ 368,837$ |
| BNP Paribas | 451,282 | 389,549 |
| ING Bank | 347,715 | - |
| J.P. Morgan Chase | - | 479,242 |
| Morgan Stanley | 372,566 | - |

## Interest Rate Risk

The nature of individual securities in the collateral pools allows for the use of weighted average maturity as an effective risk management measure. The Plan's investment policy with respect to the interest rate risk associated with the investment of cash collateral in the separately managed collateral pools requires the weighted average maturity of the entire collateral pool to be less than 120 days. The maturity of securities issued by the U.S. government and asset-backed securities must be less than five years, corporate debt obligations must be less than two years and time deposits must be less than 190 days. Floating rate debt may be used, but it is limited to 65 percent of the market value of the portfolio.
The weighted average maturity expressed in days outstanding for fixed or variable income securities associated with the investment of cash collateral at June 30, 2010 and 2009 is as follows:

| FIXED OR VARIABLE INCOME SECURITIES |  | (in days) |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| Other U.S. dollar-denominated: |  |  |
| Corporate bonds | 37 | 43 |
| Commercial paper | 12 | 70 |
| Repurchase agreements | 51 | 1 |
| Corporate asset-backed securities | 15 | 23 |
| Certificates of deposit/time deposits | 25 | 50 |
| Supranational/foreign | 27 | 34 |
| Commingled funds: |  | 1 |
| Money market funds: Not rated |  | 1 |

Investment of cash collateral may include various assetbacked securities, structured notes and variable-rate securities that may be considered to be highly sensitive to changes in interest rates due to the existence of prepayment or conversion features, although the weighted average maturity may be short.

At June 30, 2010 and 2009, the fair value of investments that are considered to be highly sensitive to changes in interest rates is as follows:

|  | (\$ in thousands) |  |
| :--- | ---: | ---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| Other asset-backed securities | $\$ 513,130$ | $\$ 1,518,223$ |
| Variable-rate investments | $1,057,710$ | 883,366 |

At June 30, 2010 and 2009, the weighted average maturity expressed in days outstanding for asset-backed securities was 15 days and 23 days, respectively; 30 days and 41 days, respectively, for variable-rate investments.

## Foreign Currency Risk

The Plan's investment policy with respect to the foreign currency risk associated with the investment of cash collateral maintained in separate collateral pools restricts investments to U.S. dollar-denominated securities. Therefore, there is no foreign currency risk.

## NOTE 4 - Financial Derivative Instruments

The Plan may use derivatives including futures, foreign currency exchange contracts, options, and forward contracts as a substitute for investment in equity and fixed income securities or to reduce the effect of fluctuating foreign currencies on foreign currency-denominated investments. Forward contracts are also used to purchase securities on a to-be-announced basis.
The Plan enters into futures contracts for the purpose of acting as a substitute for investment in equity and fixed income securities. A futures contract is an agreement between two parties to buy and sell a security or financial index, interest rate or foreign currency at a set price on a future date. They are standardized contracts that can be easily bought and sold and are exchange-traded. Upon entering into such a contract, the Plan is required to pledge to the broker an amount of cash or securities equal to the minimum initial margin requirements of the exchange on which the contract is traded. Pursuant to the contract, the Plan agrees to receive from, or pay to, the counterparty an amount of cash equal to the daily fluctuation in the value of the contract. These contracts are settled on a daily basis, with the resulting realized gain or loss included in the statement of revenues, expenses and changes in net assets. The settlement amount at the end of each day for each of the contracts, or variation margin, is included in investments and represents the fair value of the contracts.

Forward contracts are similar to futures contracts, although they are not exchange-traded. Foreign currency exchange contracts are forward contracts used to hedge against foreign currency exchange rate risks on non-U.S. dollar denominated investment securities and to increase or decrease exposure to various foreign currencies.
Forward contracts are also used to purchase certain mortgage-backed securities on a to-be-announced basis when the price cannot be determined until the coupon rate is known. A forward contract on a to-be-announced basis is a commitment to purchase a mortgage backed pass-through pooled security when issued by Freddie Mac, Fannie Mae and Ginnie Mae. The terms of the security are announced fortyeight hours prior to the established trade settlement date. Payment for the mortgage backed security is made on the trade settlement date. A forward contract on a to-be-announced basis acts as a substitute for investment in mortgage backed securities.

An option contract gives the Plan the right, but not the obligation, to buy or sell a specified security or index at a fixed price during a specified period for a nonrefundable fee (the "premium"). The maximum loss to the Plan is limited to the premium originally paid for covered options. The Plan records premiums paid for the purchase of these options in the statements of fiduciary net assets as an investment which is subsequently adjusted to reflect the fair value of the options, with unrealized gains and losses included in the statements of changes in fiduciary net assets. The Plan held no option contracts at June 30, 2010 or 2009.
The Plan considers its futures, foreign currency exchange contracts, options and forward contracts to be investment derivatives.

The fair value balances and notional amounts of derivative instruments outstanding at June 30, 2010 and 2009, categorized by type, and the changes in fair value of such derivatives for the years then ended are as follows:

| INVESTMENT DERIVATIVES |  |  | (\$ in thousands) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Notional Amount |  | Fair Value-Positive (Negative) |  |  |  |  | Changes In Fair Value |  |  |
|  | 2010 | 2009 | Classification |  | 2010 |  | 2009 | Classification | 2010 | 2009 |
| Futures contracts: |  |  |  |  |  |  |  |  |  |  |
| Domestic equity futures: |  |  |  |  |  |  |  |  |  |  |
| Long positions | 557,329 | 996,993 | Investments | \$ | $(8,455)$ | \$ | $(5,458)$ | Net appreciation (depreciation) | \$ 202,160 | \$ (2,712) |
| Short positions | $(11,712)$ | $(15,300)$ | Investments |  | 99 |  | 95 | Net appreciation (depreciation) | $(2,392)$ | 4,891 |
| Foreign equity futures: |  |  |  |  |  |  |  |  |  |  |
| Long positions | 163,198 | 130,291 | Investments |  | (557) |  | (481) | Net appreciation (depreciation) | 24,301 | 63,596 |
| Short positions | $(37,001)$ | $(27,347)$ | Investments |  | 421 |  | (107) | Net (depreciation) | $(2,668)$ | $(19,362)$ |
| Futures contracts, net |  |  |  |  | $(8,492)$ |  | $(5,951)$ |  | 221,401 | 46,413 |
| Foreign currency exchange contracts: |  |  |  |  |  |  |  |  |  |  |
| Long positions | 143,701 | 100,775 | Investments |  | 1,542 |  | (372) | Net appreciation (depreciation) | 7,119 | $(36,163)$ |
| Short positions | $(159,977)$ | $(110,579)$ | Investments |  | (370) |  | (256) | Net appreciation (depreciation) | $(1,935)$ | 11,163 |
| Foreign currency <br> exchange contracts, <br> net$\mathbf{1 , 1 7 2}$$\quad \mathbf{( 6 2 8 )} \quad \mathbf{5 , 1 8 4} \quad(25,000)$ |  |  |  |  |  |  |  |  |  |  |
| Forward contracts, on a to-beannounced basis | \$ 621,926 | \$420,275 | Investments |  | 655,645 |  | 430,810 | Net appreciation (depreciation) | 49,062 | $(69,107)$ |
| Total investment <br> derivatives $\mathbf{\$ 6 4 8 , 3 2 5}$ $\mathbf{\$ 4 2 4 , 2 3 1}$ $\mathbf{\$ 2 7 5 , 6 4 7}$ |  |  |  |  |  |  |  |  |  |  |

## NOTE 5 - Contributions and Reserves

## Actuarially Determined Contribution Requirements and Contributions Made

The Regents' funding policy provides for actuarially determined contributions at rates reasonably expected to maintain the Plan on an actuarially sound basis. The Regents determine the actual total contribution to be made each year and the portion of the total contribution to be made by the employer and by the employees. Employee contributions for represented employees are subject to collective bargaining. In addition, the DOE may be required to reimburse the University for contributions to cover the benefits liabilities for LLNL and LANL retirees and inactive members. The contribution rate is determined using the entry age normal actuarial funding method. Under this method, the actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis over the earnings of the individual between entry age and assumed exit age.

The portion of this actuarial present value allocated to a valuation year is called the normal cost. The portion of this
actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is called the actuarial accrued liability. Under this method, the actuarial gains (losses), as they occur, reduce (increase) the unfunded actuarial accrued liability.
As of July 1, 2009, the date of the latest actuarial valuation, and July 1,2008 , the difference between the net assets held in trust for pension benefits presented in the Statements of Fiduciary Net Assets and the net assets allocated to fund the actuarial accrued liability (shown on page 35) is as follows:

|  | ( $\$$ in millions) |  |
| :---: | :---: | :---: |
| Valuation Date as of July 1 | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ |
| Net assets held in trust <br> for pension benefits | $\$ 32,258.5$ | $\$ 42,023.1$ |
| Difference* | $10,540.3$ | $1,817.2$ |

Net assets allocated to fund the actuarial accrued liability $\quad \$ 42,798.8 \quad \$ 43,840.3$

* The difference between smoothed market value and fair value is considered available for purposes of calculating the net assets allocated to fund the actuarial determined accrued liability.

Mandatory employee contributions, made as a condition of employment, are based upon covered University wages less a specified monthly reduction, determined periodically by The Regents, as shown below:

| MEMBER ASSESSMENT |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Effective: | Members Without Social Security | Members With Social Security |  | Safety Members | Monthly Reduction |
|  |  | Below Wage Base | Above Wage Base |  |  |
| 5/01/10 | 3.0\% | 2.0\% | 4.0\% | 3.0\% | \$19 |
| 7/01/93* | 3.0 | 2.0 | 4.0 | 3.0 | 19 |
| 11/01/90* | 4.5 | 2.0 | 4.0 | 8.0 | 19 |
| 6/30/90 | 6.0 | 2.0 | 4.0 | 8.0 | 19 |

[^3]At June 30, 2010 and 2009, member accumulations of active employees, including allocated investment income, in the Plan amounted to approximately $\$ 337.1$ million and $\$ 355.1$ million, respectively.
The Regents approve the total contributions for each year and the split between member contributions and University contributions based on the contribution policy and various other factors, including the availability of funds, the impact of employee contributions on the competitiveness of the University's total remuneration package, and collective bargaining. Contributions, if any, are credited as a percentage of UCRP covered compensation. The contributions under the funding policy are intended to accumulate sufficient assets to fund the actuarial liability under the entry age normal cost method.

Employer and employee contributions were $\$ 67.4$ million and $\$ 23.4$ million, respectively, during the year ended June 30, 2010. For the year ended June 30, 2009, there were no required employer or employee contributions other than for service credit buybacks.

LBNL is required to make employer and employee contributions in conformity with The Regents' funding policy. In addition, under certain circumstances the University makes contributions to UCRP in behalf of LANL and LLNL retirees based upon a contractual arrangement with the DOE designed to maintain the 100 percent funded status of the LANL and LLNL segments within UCRP, and is reimbursed by the DOE.
Employee contributions to UCRP are accounted for separately and currently accrue interest at 6.0 percent annually. Upon termination, members may elect a refund of their contributions plus accumulated interest; vested terminated members who are eligible to retire may also elect monthly retirement income or a lump sum equal to the present value of their accrued benefits.

## NOTE 6 - Contributions Receivable

Contributions receivable includes $\$ 50.8$ million and $\$ 57.3$ million at June 30, 2010 and 2009, respectively, related to agreements between the state of California (the state) and the University on behalf of the Plan. In 1984, the state agreed to pay the University for contributions due to the Plan of $\$ 66.5$ million in 30 annual installments of approximately $\$ 5.9$ million, including interest at 8.00 percent, based on the discount rate used in the 1984 actuarial valuation. Similarly, in fiscal year 1990, the state agreed to pay the University for contributions due to the Plan of $\$ 57.2$ million in 30 annual installments of approximately $\$ 5.3$ million, including interest at 8.46 percent, based on the discount rate used in the 1990 actuarial valuation.

## NOTE 7 - Plan Termination

The Regents expects to continue the Plan indefinitely, but reserves the right to amend or discontinue the Plan at any time provided that any such action shall not lessen accrued benefits of any members. In the event that the Plan is terminated, its assets shall be applied solely for the benefit of retired, vested or active participants and beneficiaries, until all liabilities of the Plan have been satisfied. Once all liabilities have been satisfied, any excess assets shall revert to The Regents.
The benefits of the Plan are not insured by the Pension Benefit Guaranty Corporation, a federal insurance agency established under Title IV of the Employee Retirement Income Security Act of 1974.

## Required Supplementary Information

## Actuarial Information

Analysis of dollar amounts of the actuarial value of assets, actuarial accrued liability, and actuarial value of assets less than or in excess of the actuarial accrued liability in isolation can be misleading. Expressing the actuarial value of assets as a percentage of the actuarial accrued liability provides one indication of the funding status on a going-concern basis. Analysis of this percentage over time indicates whether a plan is becoming financially stronger or weaker.

Generally, the greater this percentage, the stronger the plan. Trends in the unfunded actuarial accrued liability or assets in excess of the actuarial accrued liability and annual covered payroll are both affected by inflation. Expressing the unfunded actuarial accrued liability or surplus as a percentage of annual covered payroll generally adjusts for the effects of inflation and aids in the analysis of progress made in accumulating sufficient assets to pay benefits when due.

REQUIRED SUPPLEMENTARY SCHEDULE OF FUNDING PROGRESS FOR THE PAST SIX YEARS
VALUATION DATE AS OF JULY 1 ( $\$$ in millions)

| Actuarial <br> Valuation <br> Date | Actuarial <br> Value of <br> Assets | Actuarial <br> Accrued <br> Liability | Actuarial <br> (Deficit) <br> Surplus | (3) <br> Funded <br> Ratio <br> $(1) \div(2)$ | (5) <br> Annual <br> Covered <br> Payroll | Surplus as a Percentage of <br> Annual Covered Payroll <br> (3) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2009 | $\$ 42,798.8$ | $\$ 45,160.5$ | $\$(2,361.7)$ | $94.8 \%$ | $\$ 7,873.7$ | $(30.0) \%$ |
| 2008 | $43,840.3$ | $42,576.8$ | $1,263.5$ | 103.0 | $7,468.9$ | 16.9 |
| $2007^{*}$ | $43,434.0$ | $41,436.6$ | $1,997.4$ | 104.8 | $7,612.7$ | 26.2 |
| 2006 | $41,972.5$ | $40,301.7$ | $1,670.8$ | 104.1 | $8,259.0$ | 20.2 |
| 2005 | $41,084.9$ | $37,252.4$ | $3,832.5$ | 110.3 | $8,149.6$ | 47.0 |
| 2004 | $41,293.1$ | $35,034.2$ | $6,258.9$ | 117.9 | $7,835.2$ | 79.9 |

* The July 1, 2007 information includes changes in actuarial assumptions that decreased the July 1, 2007 actuarial accrued liability by $\$ 535$ million. A change in an actuarial method for projecting covered payroll is also included. Covered payroll is now reduced to anticipate members who leave active status during the year. This decreased the July 1, 2007 annual covered payroll by $\$ 814$ million.

Actuarial valuations represent a long-term perspective and involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. The projection of benefits does not explicitly incorporate the potential effects of the results of collective bargaining discussions on the contribution rate. Actuarially determined amounts are subject to periodic revisions as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress presents multi-year trend information about whether the actuarial value of assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

## Required Schedule of Employer and Employee Contributions

The Regents' funding policy provides for actuarially determined contributions at rates reasonably expected to
maintain the plan on an actuarially sound basis. The Regents determines the total funding policy based on a fifteen-year amortization period for the deficit as of July $1,2009$. Employee contributions by represented employees are subject to collective bargaining agreements. During the year ended June 30, 2009, there were no required University or employee contributions other than service credit buybacks. University and employee contributions were reinstated during the year ended June 30, 2010.

LBNL is required to make employer and employee contributions in conformity with The Regents' funding policy. In addition, under certain circumstances the University makes contributions to the UCRP on behalf of LANL and LLNL retirees based upon a contractual arrangement with the DOE designed to maintain the 100 percent funded status of the LANL and LLNL segments within the UCRP, and is reimbursed by the DOE.

## Note to Required Supplementary Information

## Actuarial Information

The required supplementary information is determined as part of the actuarial valuation as of the date indicated. Additional information as of the July 1,2009 and 2008 actuarial valuations is as follows:

| ADDITIONAL TREND INFORMATION |  |  |
| :--- | ---: | ---: |
| Valuation Date As of July $\mathbf{1}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ |
| Actuarial cost method | Entry Age Normal Cost | Entry Age Normal Cost |
| Amortization method | Level percent, closed | 15 years* |

* Any changes in Unfunded Actuarial Accrued Liability (UAAL) after July 1, 2009 will be separately amortized over a fixed (closed) 15-year period effective with that valuation.
${ }^{* *}$ Includes inflation assumption at $3.50 \%$.


## Other Supplementary Information

The total actuarial accrued liability of the Plan, calculated using the entry age normal cost method, was $\$ 45.2$ billion and $\$ 42.6$ billion at July 1,2009 and 2008, respectively. This liability is then compared against the actuarial value of Plan assets to determine the annual required contribution to fund the Plan. The projection of benefits does not explicitly incorporate the potential effects of the results of collective bargaining discussions on the contribution rate.

| ACTUARIAL ACCRUED LIABILITY(\$ in millions) |  |  |
| :---: | :---: | :---: |
| Valuation Date as of July 1 | 2009 | 2008 |
| Retirees and beneficiaries currently receiving benefits and terminated employees not yet receiving benefits | \$ (23,401.3) | \$ (22,215.0) |
| Active employees: |  |  |
| Accumulated employee contributions, including allocated investment earnings | (355.1) | (376.7) |
| Employer-financed vested | $(19,936.6)$ | $(18,661.0)$ |
| Employer-financed nonvested | $(1,467.5)$ | $(1,324.1)$ |
| Total actuarial accrued liability-entry age normal cost basis | $(45,160.5)$ | $(42,576.8)$ |
| Net assets allocated to fund the actuarial accrued liability, at smoothed market value | 42,798.8 | 43,840.3 |
| Actuarial value of assets in (deficit) excess of actuarial accrued liability - entry age normal cost basis | \$ $(2,361.7)$ | \$ 1,263.5 |

## Other Supplementary Information continued

Revenues by Source and Expense by Type for the Last Ten Years

| REVENUES BY SOURCE (\$ in thousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Year Ended June 30 | Employee Contributions ${ }^{(\mathrm{a})}$ | Employer Contributions ${ }^{(a)}$ | Total Investment Income (Loss) ${ }^{(b)}$ | Total |
| 2010 | \$23,374 | \$148,446 | \$ 4,154,297 | \$ 4,326,117 |
| 2009 | 1,300 | 454 | $(7,904,904)$ | $(7,903,150)$ |
| 2008 | 1,391 | 2,657 | $(2,593,789)$ | $(2,589,741)$ |
| 2007 | 1,406 | 23,934 | 7,915,940 | 7,941,280 |
| 2006 | 1,746 | 13 | 2,977,660 | 2,979,419 |
| 2005 | 1,653 | 737 | 3,982,916 | 3,985,306 |
| 2004 | 2,503 | 5,150 | 4,998,664 | 5,006,317 |
| 2003 | 7,060 | 811 | 1,892,384 | 1,900,255 |
| 2002 | 2,954 | 118 | $(3,460,714)$ | $(3,457,642)$ |
| 2001 | 4,405 | 517 | $(2,301,959)$ | $(2,297,037)$ |

a. The increase in Member and University contributions in the year ended June 30, 2010 reflects the restart of Member and University contributions to the Plan during the fourth quarter of the fiscal year.
b. Total investment income (loss) includes net appreciation (depreciation) in fair value of investments, interest, dividends, other investment income, and securities lending income net of lending fees and rebate expenses.

| EXPENSES BY TYPE ( $\$$ in thousands) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Year Ended <br> June 30 | Benefits |  <br> Other Expenses | Member Withdrawals, <br> Transfers \& Other Activity | Total |
| 2010 | $\$ 1,901,066$ | $\$ 32,654$ | $\$ 76,485$ | $\mathbf{\$ 2 , 0 1 0 , 2 0 5}$ |
| 2009 | $1,750,223$ | 32,453 | 78,794 | $\mathbf{1 , 8 6 1 , 4 7 0}$ |
| 2008 | $1,791,989$ | 36,557 | $1,663,899^{(b)}$ | $\mathbf{3 , 4 9 2 , 4 4 5}$ |
| 2007 | $1,624,953$ | 38,914 | $1,534,2899^{(\text {c) }}$ | $\mathbf{3 , 1 9 8 , 1 5 6}$ |
| 2006 | $1,369,819$ | 34,011 | 70,865 | $\mathbf{1 , 4 7 4 , 6 9 5}$ |
| 2005 | $1,223,648$ | 21,258 | 70,560 | $\mathbf{1 , 3 1 5 , 4 6 6}$ |
| 2004 | $1,064,180$ | 24,053 | 57,236 | $\mathbf{1 , 1 4 5 , 4 6 9}$ |
| 2003 | 954,887 | 27,696 | 32,665 | $\mathbf{1 , 0 1 5 , 2 4 8}$ |
| 2002 | 917,747 | 26,246 | 26,460 | $\mathbf{9 7 0 , 4 5 3}$ |
| 2001 | 856,876 | 23,224 | 23,881 | $\mathbf{9 0 3 , 9 8 1}$ |

[^4]

## UNIVERSITY OF CALIFORNIA PERS PLUS 5 PLAN

## Management's Discussion \& Analysis (Unaudited)

The objective of Management's Discussion and Analysis is to help readers of the University of California (UC) PERS Voluntary Early Retirement Incentive Program (the PERS Plus 5 Plan or the Plan) financial statements better understand the PERS Plus 5 Plan's financial position and operating activities for the fiscal year ended June 30, 2010, with selected comparative information for the years ended June 30, 2009 and 2008. This discussion should be read in conjunction with the financial statements and the notes to the financial statements. Unless otherwise indicated, years (2008, 2009, 2010, etc.) in this discussion refer to the fiscal years ended June 30.

## Financial Highlights

- The net assets of the PERS Plus 5 Plan at June 30, 2010, are $\$ 59.4$ million compared to $\$ 56.9$ million at June 30,2009 and $\$ 76.3$ million at June 30, 2008. The net assets are available to meet the Plan's ongoing obligations to Plan retirees and their beneficiaries.
- The net assets of the PERS Plus 5 Plan increased by $\$ 2.4$ million, or 4.3 percent, compared to a decrease of $\$ 19.4$ million, or 25.4 percent, and a decrease of $\$ 9.8$ million in 2008, or 11.4 percent.
- The PERS Plus 5 Plan's total investment rate of return was 12.7 percent in 2010 compared to (18.8) percent in 2009 and (5.7) percent in 2008.
- As of July 1, 2009, the date of the most recent actuarial valuation, the PERS Plus 5 Plan's funded ratio was 150.5 percent compared to 191.9 percent at July 1, 2008 and 203.4 percent at July 1, 2007. For July 1, 2009, this indicates that for every dollar of actuarial accrued liability, assets of $\$ 1.51$ are available to cover such obligations compared to $\$ 1.92$ at July 1, 2008 and $\$ 2.03$ at July 1, 2007.


## Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the PERS Plus 5 Plan's basic financial statements, which are comprised of the following:

- Statements of Fiduciary Net Assets
- Statements of Changes in Fiduciary Net Assets
- Notes to Financial Statements
- Required Supplementary Information and Note to Required Supplementary Information
- Other Supplementary Information

The Statements of Fiduciary Net Assets present information on the PERS Plus 5 Plan's assets and liabilities and the resulting net assets held in trust for pension benefits. They reflect the plan's investments at fair value, along with cash and shortterm investments, receivables, and other assets and liabilities.

The Statements of Changes in Fiduciary Net Assets present information showing how the PERS Plus 5 Plan's net assets held in trust for PERS Plus 5 changed during the years ended June 30, 2010 and 2009. They reflect investment income (or losses) during the period from investing and securities lending activities. Deductions for retirement benefits are also presented.
The Notes to Financial Statements provide additional information that is essential to a full understanding of the data provided in the financial statements.
The Required Supplementary Information consists of two schedules and a related note concerning the funded status of the PERS Plus 5 Plan.
The Note to Required Supplementary Information provides additional trend information as of the valuation date. This information includes actuarial cost method, amortization method, remaining amortization period, asset valuation period, and actuarial assumptions.
The Other Supplementary Information consists of a schedule concerning the actuarial accrued liability of the PERS Plus 5 Plan.

## Financial Analysis

The PERS Plus 5 Plan provides retirement benefits to UC-PERS members who elected early retirement under the provisions of the plan. Plan benefits are funded by employer contributions and by investment income. The plan's net assets held in trust for benefits at June 30, 2010, amounted to $\$ 59.4$ million compared to $\$ 56.9$ million at June 30, 2009 and $\$ 76.3$ million at June 30, 2008. Additions to the plan's net assets held in trust for benefits include investment income or loss. There were no University contributions during the fiscal years ending 2008-2010. The plan recognized net investment income of $\$ 7.4$ million in 2010 compared to net investment losses of $\$ 14.4$ million in 2009 and $\$ 4.7$ million in 2008, respectively. The net investment income in 2010 was due primarily to higher total returns in the equity portfolios. The investment losses in 2009 and 2008 were due primarily to adverse conditions in the global markets resulting in negative returns across all equity portfolios of the University of California Retirement Plan (UCRP) in a UCRP master trust investment pool.

Retirement benefit payments and other expenses were the only deductions from the PERS Plus 5 Plan's net assets held in trust for benefits. For 2010, deductions declined slightly to $\$ 4.9$ million, compared to $\$ 5.0$ million in 2009 and $\$ 5.1$ million in 2008.

| FIDUCIARY NET ASSETS (s in thousands) |  |  |  |
| :---: | :---: | :---: | :---: |
| June 30 | 2010 | 2009 | 2008 |
| Total Assets | \$59,424 | \$ 56,941 | \$76,336 |
| Net Assets Held in Trust for Pension Benefits | \$59,424 | \$ 56,941 | \$76,336 |
| CHANGES IN FIDUCIARY NET ASSETS (\$ in thousands) |  |  |  |
| Year ended June 30 | 2010 | 2009 | 2008 |
| ADDITIONS (REDUCTIONS) |  |  |  |
| Net investment income (loss) | \$ 7,363 | \$ $(14,398)$ | \$ $(4,692)$ |
| Total Additions (Reductions) | 7,363 | $(14,398)$ | $(4,692)$ |
| DEDUCTIONS |  |  |  |
| Retirement payments and other expenses | 4,880 | 4,997 | 5,121 |
| Total Deductions | 4,880 | 4,997 | 5,121 |
| Increase (Decrease) in Net Assets Held in Trust for Pension Benefits | 2,483 | $(19,395)$ | $(9,813)$ |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS |  |  |  |
| Beginning of Year | 56,941 | 76,336 | 86,149 |
| End of Year | \$59,424 | \$ 56,941 | \$76,336 |

## Investments

The assets of the PERS Plus 5 Plan are combined for investment purposes with the assets of the UCRP master trust investment pool but are accounted for separately.

## Funded Status

At July 1, 2009, the PERS Plus 5 Plan's actuarial value of assets available for benefits was $\$ 56.9$ million, compared to $\$ 76.3$ million at July 1, 2008 and $\$ 86.1$ million at July $1,2007$. The actuarial accrued liability was $\$ 37.8$ million compared to $\$ 39.8$ million at July 1, 2008 and $\$ 42.3$ million at July 1, 2007. The plan's total surplus was $\$ 19.1$ million, compared to $\$ 36.6$ million at July 1, 2008 and $\$ 43.8$ million at July 1, 2007.

## Fiduciary Responsibilities

The Vice President—Human Resources Department, has primary responsibility for the Plan administrative functions and the Chief Investment Officer has primary fiduciary responsibility for implementing plan investment policy. The Regents determines the Plan investment policy and retains broad oversight fiduciary responsibility for investment and administrative functions. Under law, the assets can only be used for the exclusive benefit of plan members, retirees and their beneficiaries and for administrative expenses.

# PRICEWATERHOUSE@OPERS 先 

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## Report of Independent Auditors

To the Regents of the
University of California

In our opinion, the accompanying statements of fiduciary net assets and the related statements of changes in fiduciary net assets (presented on pages 41 through 52) present fairly, in all material respects, the financial position of the University of California PERS Plus 5 Plan (the "Plan") at June 30, 2010 and 2009, and the changes in fiduciary net assets for the years then ended in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

As discussed in Note 1, the Plan adopted Governmental Accounting Standards Board Statement No. 53, Accounting and Financial Reporting for Derivative Instruments, as of July 1, 2009.

As discussed in Note 1, the financial statements of the Plan are intended to present the fiduciary net assets and the changes in fiduciary net assets of only that portion of activities that are attributable to the Plan. They do not purport to, and do not, present fairly the financial position of the University of California as of June 30, 2010 and 2009, and the changes in its financial position and cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

The Required Supplementary Information ("RSI") on pages 53 and 54 is not a required part of the financial statements but is supplementary information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the RSI. However, we did not audit the information and express no opinion on it.

## Pinuncteshenulorpass LLP

October 14, 2010
San Francisco, California

## UNIVERSITY OF CALIFORNIA PERS PLUS 5 PLAN <br> Financial Statements

| STATEMENTS OF FIDUCIARY NET ASSETS ( $\$$ in thousands) |  |  |
| :--- | ---: | ---: |
| June 30 | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| ASSETS |  |  |
| Investments, at fair value | $\$ 60,821$ | $\$ 58,014$ |
| Investment of cash collateral | 10,985 | 11,679 |
| Other assets - securities sales and investment income | 135 | $\mathbf{1 , 2 6 0}$ |
| Total Assets | $\mathbf{7 1 , 9 4 1}$ | $\mathbf{7 0 , 9 5 3}$ |
| LIABILITIES |  |  |
| Payable for securities purchased, and member withdrawals | 1,528 | $\mathbf{2 , 2 9 1}$ |
| Collateral held for securities lending | 10,989 | $\mathbf{1 1 , 7 2 1}$ |
| Total Liabilities | $\mathbf{1 2 , 5 1 7}$ | $\mathbf{1 4 , 0 1 2}$ |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS | $\mathbf{\$ 5 9 , 4 2 4}$ | $\mathbf{\$ 5 6 , 9 4 1}$ |

See accompanying Notes to Financial Statements.

| STATEMENTS OF CHANGES IN FIDUCIARY NET ASSETS (\$ in thousands) |  |  |
| :---: | :---: | :---: |
| Years Ended June 30 | 2010 | 2009 |
| ADDITIONS (REDUCTIONS) |  |  |
| Net Investment income (loss) | \$ 7,363 | \$ (14,398) |
| Total Additions (Reductions) | 7,363 | $(14,398)$ |
| DEDUCTIONS |  |  |
| Retirement payments | 4,873 | 4,988 |
| Administrative expenses | 7 | 9 |
| Total Deductions | 4,880 | 4,997 |
| Increase (decrease) in Net Assets Held in Trust for Pension Benefits | 2,483 | $(19,395)$ |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS: |  |  |
| Beginning of Year | 56,941 | 76,336 |
| End of Year | \$59,424 | \$ 56,941 |

[^5]
## NOTE 1 - Description of the Plan and Significant Accounting Policies

## General Introduction

Some University employees became members of the California Public Employees' Retirement Plan (CalPERS) before UCRP was established and continued to participate in CalPERS during their University employment. The University of California contributed to CalPERS on behalf of these UC-CalPERS members. The University of California Voluntary Early Retirement Incentive Program (the PERS Plus 5 Plan or PERS Plan) is a defined benefit pension plan established by the University that provides lifetime supplemental retirement income and survivor benefits to PERS Plan members who elected early retirement under CalPERS.
Generally, to participate in the PERS Plus 5 Plan, an eligible employee was required to elect concurrent retirement under PERS and the PERS Plan effective October 1, 1991, and must have had a combined Service Credit equal to 80 years as of September 30, 1991, if classified as a Qualified Academic Senate Faculty Member, or equal to 75 years if not classified as a Qualified Academic Senate Faculty Member. Of 1,579 eligible employees, 879 elected to retire under the PERS Plan.

The cost of contributions made to the PERS Plus 5 Plan was borne entirely by the University. Over the five-year period ended June 30, 1996, the University was required to make contributions to the Plan as determined by the plan actuary sufficient to maintain funding for the promised benefits. No additional contributions are required as long as the Plan remains fully funded under the actuarial basis used by the Plan.

## Basis of Accounting

The financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America, including all applicable effective statements of the Governmental Accounting Standards Board (GASB), and on the accrual basis of accounting.
GASB Statement No. 53, Accounting and Financial Reporting for Derivative Instruments, was adopted during the year ended June 30, 2010. Statement No. 53 requires the Plan to report its derivative instruments at fair value. Changes in fair value for effective hedges that are achieved with derivative instruments are to be reported as deferrals in the statement of fiduciary net assets. Derivative instruments that either do not meet the criteria for an effective hedge or are associated with investments that are already reported at fair value are to be classified as investment derivative instruments. Changes in fair value of those derivative instruments are to be reported as net
appreciation or depreciation in the fair value of investments. The adoption of Statement No. 53 resulted in reclassifications of investment derivatives.

## Valuation of Investments

Investments are recorded at fair value. Securities, including derivative investments, are valued at the last sale price on the last business day of the fiscal year, as quoted on a recognized exchange or an industry standard pricing service, when available. Securities for which no sale was reported as of the close of the last business day of the fiscal year are valued at the quoted bid price of a dealer who regularly trades in the security being valued. Certain securities may be valued on a basis of a price provided by a single source.

As a result of inactive or illiquid markets, investments in non-agency mortgage-backed fixed income securities are valued on the basis of their estimated future principal and interest payments using appropriate risk-adjusted discount rates.
Investments include private equities, absolute return funds and real estate. Private equities include venture capital partnerships, buyout and international funds. Interests in private equity and real estate partnerships are based upon valuations provided by the general partners of the respective partnerships as of March 31, adjusted for cash receipts, cash disbursements and securities distributions through June 30. Investments in absolute return partnerships are valued as of May 31, adjusted for cash receipts and cash disbursements through June 30. Interests in certain direct investments in real estate are estimated based upon independent appraisals. The Plan believes the carrying amount of these financial instruments and real estate is a reasonable estimate of fair value at June 30. Because the private equity, real estate and absolute return partnerships, along with direct investments in real estate, are not readily marketable, their estimated value is subject to uncertainty and, therefore, may differ significantly from the value that would be used had a ready market for such investments existed. Investments in registered investment companies are valued based upon the reported net asset value of those companies.

Derivative instruments are recorded at fair value. Futures contracts, foreign currency exchange contracts and forward contracts to purchase securities on a to-be-announced basis are valued at the last sales price on the last day of the fiscal year, as quoted on a recognized exchange or an industry standard pricing service.

## Accounting for Investments

Investment transactions are recorded on the date the securities are purchased or sold (trade date). Realized gains or losses are recorded as the difference between the proceeds from the sale and the average cost of the investment sold. Dividend income is recorded on the ex-dividend date and interest income is accrued as earned.

Investments denominated in foreign currencies are translated into U.S. dollar equivalents using year-end spot foreign currency exchange rates. Purchases and sales of investments and their related income are translated at the rate of exchange on the respective transaction dates. Realized and unrealized gains and losses resulting from foreign currency changes are included in the Plan's statement of changes in fiduciary net assets.

## Administrative Expenses

Reasonable administrative expenses are assessed to the PERS Plus 5 Plan through an annual account servicing charge.

## Income Tax Status

The form of the PERS Plus 5 Plan is intended to satisfy the qualification requirement under IRC $\$ 401$ (a) and the regulations thereunder, and the Plan's trust is intended to be exempt from taxation under IRC $\$ 501(\mathrm{a})$. Tax counsel for the Plan is not aware of any circumstances that indicate a material failure to comply with such requirements. To the best of tax counsel's knowledge, the Plan has been administered in accordance with its terms and the applicable provisions of the IRC and the regulations thereunder, in all material respects.

## Use of Estimates in the Preparation of Financial Statements

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of net assets held in trust for pension benefits at the date of the financial statements and the reported amounts of changes in net assets held in trust for pension benefits during the reporting period. Actual results could differ from those estimates.

The financial statements of the PERS Plus 5 Plan are intended to present the fiduciary net assets and the changes in fiduciary net assets of only that portion of activities that are attributable to the Plan. They do not purport to, and do not, present fairly the financial position of the University of California as of June 30, 2010 and 2009.

## NOTE 2 - Investments

The Regents, as the governing board and as trustee, is responsible for the oversight of the Plan's investments and establishes investment policy, which is carried out by the Chief Investment Officer. The Chief Investment Officer has primary fiduciary responsibility for investing the Plan's assets consistent with the policies established by The Regents. The Regents establishes investment policies for the Plan and has fiduciary responsibility for overseeing the implementation of those policies.
Participation in the Short Term Investment Pool (STIP) maximizes the returns on short-term cash balances by taking advantage of the economies of scale of investing in a large pool with a broad range of maturities. STIP is managed to maximize current earned income. The available cash in the Plan awaiting investment or for administrative expenses is also invested in STIP. Investments authorized by The Regents for STIP include fixed income securities with a maximum maturity of five and one-half years.

Asset backed securities are debt obligations that represent claims to the cash flows from pools of commercial, mortgage, credit card or student loans. Mortgage backed securities issued by Ginnie Mae are backed by the full faith and credit of the U.S. government. Effective September 2008, Fannie Mae and Freddie Mac were placed under the conservatorship of the Federal Housing Finance Agency. At the same time, the U.S. Treasury put in place a set of financing agreements to ensure Fannie Mae and Freddie Mac have the ability to fulfill their obligations to holders of bonds that they have issued or guaranteed.

Investments authorized by The Regents for the Plan's investment pools and separate investments include equity securities, fixed-income securities and certain other asset classes. The equity portion of the investment portfolios may include both domestic and foreign common and preferred stocks, and actively managed and passive (index) strategies, along with a modest exposure to private equities. Private equities include venture capital partnerships, buyouts and international funds. The Plan's investment portfolios may include certain foreign currency-denominated equity securities.

The fixed income portion of the investment portfolios may include both domestic and foreign securities, along with certain securitized investments, including mortgage-backed and asset-backed securities. Fixed income investment guidelines permit the use of futures and options on fixed income instruments in the ongoing management of the

The composition of investments and derivative instruments, by investment type, at June 30, 2010 and 2009 is as follows:

| COMPOSITION OF INVESTMENTS (\$ in thousands) |  |  |
| :--- | ---: | :---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| EQUITY SECURITIES: |  |  |
| Domestic | 16,217 | $\$ 17,146$ |
| Foreign | 11,747 | 12,189 |
| Equity Securities | $\mathbf{2 7 , 9 6 4}$ | $\mathbf{2 9 , 3 3 5}$ |
| FIXED INCOME SECURITIES: |  |  |

U.S. government-guaranteed:

| U.S. Treasury bills, notes and bonds | 537 | 570 |
| :--- | ---: | ---: |
| U.S. Treasury strips | 94 | 52 |
| U.S. TIPS | 4,754 | 4,041 |
| U.S. government-backed securities | 28 | 20 |
| d Income Securities | $\mathbf{5 , 4 1 3}$ | $\mathbf{4 , 6 8 3}$ |


| Fixed Income Securities | $\mathbf{5 , 4 1 3}$ | $\mathbf{4 , 6 8 3}$ |
| :--- | ---: | ---: |
| OTHER U.S. DOLLAR-DENOMINATED: |  |  |
| Corporate bonds | 3,645 | 3,521 |
| U.S. agencies | 1,033 | 1,297 |
| U.S. agencies asset-backed securities | 583 | 216 |
| Corporate asset-backed securities | 2,155 | 1,924 |
| Supranational/foreign | 2,304 | 1,808 |
| Other | 16 | $\mathbf{-}$ |
| Other U.S. Dollar-Denominated | $\mathbf{9 , 7 3 6}$ | $\mathbf{8 , 7 6 6}$ |
| FOPEIGN CURPENCY-DENOMINATED: |  |  |


| Corporate | 32 | 66 |
| :--- | ---: | ---: |
| Foreign Currency-Denominated | $\mathbf{3 2}$ | $\mathbf{6 6}$ |
| COMMINGLED FUNDS: | 4,040 | 3,356 |
| Absolute Return | 1,733 | 1,055 |
| U.S. equity funds | 3,377 | 2,977 |
| Non-U.S. equity funds | 8 | - |
| U.S. bond funds | 1,427 | $\mathbf{2 , 2 3 5}$ |
| Money market funds* | $\mathbf{1 0 , 5 8 5}$ | $\mathbf{9 , 6 2 3}$ |
| Commingled Funds* | 4,056 | 3,054 |
| PRIVATE EQUITY | 278 | - |
| REAL ASSETS | 1,638 | 1,736 |
| REAL ESTATE | 1,119 | $\mathbf{7 5 1}$ |
| INVESTMENT DERIVATIVES | $\mathbf{\$ 6 0 , 8 2 1}$ | $\mathbf{5 5 8 , 0 1 4}$ |
| Total Investments |  |  |

portfolios. Derivative contracts are authorized for portfolio rebalancing in accordance with The Regents' asset allocation policy and as substitutes for physical securities. Real estate investments and absolute return strategies are authorized for the Plan. Absolute return strategies may incorporate short sales, plus derivative positions to implement or hedge an investment position.
Derivative instruments, including futures, forward contracts, options and securities on a to-be-announced basis are authorized for portfolio rebalancing in accordance with The Regents' asset allocation policy and as substitutes for physical securities. They are not used for speculative purposes.

## Investment Risk Factors

There are many factors that can affect the value of investments. Some, such as custodial credit risk, concentration of credit risk, and foreign currency risk may affect both equity and fixed income securities. Equity securities respond to such factors as economic conditions, individual company earnings performance, and market liquidity, while fixed income securities are particularly sensitive to credit risks and changes in interest rates. Alternative investment strategies and their underlying assets and rights are also subject to an array of economic and market vagaries that can limit or erode value.

## Credit Risk

Fixed income securities are subject to credit risk, which is the chance that a bond issuer will fail to pay interest or principal in a timely manner, or that negative perceptions of the issuer's ability to make these payments will cause security prices to decline. These circumstances may arise due to a variety of factors such as financial weakness, bankruptcy, litigation and/or adverse political developments. Certain fixed income securities, including obligations of the U.S. government or those explicitly guaranteed by the U.S. government, are not considered to have credit risk.

A bond's credit quality is an assessment of the issuer's ability to pay interest on the bond, and ultimately to pay the principal. Credit quality is evaluated by one of the independent bond-rating agencies, for example, Moody's Investors Service (Moody's) or Standard and Poor's (S\&P). The lower the rating, the greater the chance in the rating agency's opinion that the bond issuer will default, or fail to meet its payment obligations. Generally, the lower a bond's credit rating, the higher its yield should be to compensate for the additional risk.

The investment guidelines for STIP recognize that a limited amount of credit risk, properly managed and monitored, is prudent and provides incremental risk-adjusted return over its benchmark. (The benchmark for STIP, the 2-year Treasury Note, does not contain credit risk.) No more than five percent of the total market value of the STIP portfolio may be invested in securities rated below investment grade ( $\mathrm{BB}, \mathrm{Ba}$ or lower). The average credit quality of STIP must be A or better, and commercial paper must be rated at least A-1, F-1, or P-1.

Credit risk is appropriate in a balanced investment pool such as the Plan, by virtue of the benchmarks chosen for the fixed income portion of the pool. The fixed income benchmarks, the Citigroup Large Pension Fund Index and Barclays Capital U.S. Aggregate Bond Index, are comprised of approximately 30 percent high grade corporate bonds and 30 to 35 percent mortgage/asset-backed securities, all of which carry some degree of credit risk. The remaining 35 to 40 percent are government-issued bonds. Credit risk in the Plan is managed primarily by diversifying across issuers, and portfolio guidelines mandate that no more than 10 percent of the market value of fixed income may be invested in issues with credit rating below investment grade. Further, the weighted average credit rating must be A or higher.
In addition, the investment policy for the Plan allows for dedicated allocations to non-investment grade and emerging market bonds, investment in which entails credit, default and/or sovereign risk.

## Custodial Credit Risk

Custodial credit risk is the risk that in the event of the failure of the custodian, the investments may not be returned. The PERS Plus 5 Plan's securities are registered in the Plan's name by the custodial bank as an agent for the Plan. Other types of investments represent ownership interests that do not exist in physical or book-entry form. As a result, custodial credit risk is remote.

## Concentration of Credit Risk

Concentration of credit risk is the risk associated with a lack of diversification, such as having substantial investments in a few individual issuers, thereby exposing the Plan to greater risks resulting from adverse economic, political, regulatory, geographic, or credit developments.

The U.S. and non-U.S. equity portions of the PERS Plus 5 Plan investment fund may be managed either passively or actively. For the portion managed passively, the concentration of individual securities is exactly equal to their concentration in the benchmark. While some securities have a larger representation in the benchmark than others, the Plan considers that passive management results in an absence of concentration of credit risk. For the portion managed actively, asset class guidelines do not specifically address concentration risk, but do state that the U.S. equity asset class in the aggregate will be appropriately diversified to control overall risk and will exhibit portfolio characteristics similar to the asset class benchmark (including concentration of credit risk). Concentration risk for individual portfolios is monitored relative to their individual benchmarks and agreed-upon risk parameters in their guidelines.

Investment guidelines addressing concentration of credit risk related to the investment-grade fixed income portion of the PERS Plus 5 Plan portfolio include a limit of no more than three percent of the portfolio's market value to be invested in any single issuer (except for securities issued by the U.S. government or its agencies). These same guidelines apply to STIP. For high-yield and emerging market debt, the corresponding limit is five percent.

## Interest Rate Risk

Interest rate risk is the risk that the value of fixed and variable income securities will decline because of changing interest rates. The prices of fixed income securities with a longer time to maturity, measured by effective duration, tend to be more sensitive to changes in interest rates and, therefore, more volatile than those with shorter durations. Effective duration is the approximate change in price of a security resulting from a 100 basis point ( 1 percentage point) change in the level of interest rates. It is not a measure of time.

Interest rate risk for the STIP is managed by constraining the maturity of all individual securities to be less than $51 / 2$ years. There is no restriction on weighted average maturity of the portfolio as it is managed relative to the maturity structure of the liabilities, that is, the liquidity demands of the investors.

Portfolio guidelines for the fixed income portion of the PERS Plus 5 Plan limit weighted average effective duration to the effective duration of the benchmarks (Citigroup Large Pension Fund Index and Barclays Capital U.S. Aggregate Bond Index), plus or minus 20 percent. These portfolio guidelines constrain the potential price movement due to interest rate changes of the portfolio to be similar to that of the benchmark. There are similar restrictions for the highyield and emerging market debt portfolios relative to their benchmarks. The effective durations for fixed and variable income securities at June 30, 2010 and 2009 are as follows:

| FIXED OR VARIABLE INCOME SECURITIES |  |  |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| U.S. government-guaranteed: |  |  |
| U.S. Treasury bills, notes and bonds | 2.0 | 4.9 |
| U.S. Treasury strips | 19.1 | 21.0 |
| U.S. TIPS | 3.8 | 5.1 |
| $\quad$ U.S. government-backed securities | 5.8 | 6.0 |
| Other U.S dollar-denominated: |  |  |
| $\quad$ Corporate bonds | 4.9 | 5.8 |
| $\quad$ U.S. agencies | 6.6 | 6.0 |
| $\quad$ U.S. agencies asset-backed |  |  |
| $\quad$ securities | 2.7 | 4.8 |
| $\quad$ Corporate asset-backed securities | 3.4 | 6.5 |
| $\quad$ Supranational/foreign | 6.0 | 6.9 |
| Foreign currency denominated: |  |  |
| $\quad$ Corporate | 4.2 | 4.1 |
| Commingled funds: |  |  |
| $\quad$ STIP, other money market funds | 1.6 | 1.7 |

The money market funds consist of underlying securities that are of a short-term, liquid nature.

Investments may also include various mortgage-backed securities, collateralized mortgage obligations, structured notes, variable-rate securities, callable bonds and convertible bonds that may be considered to be highly sensitive to changes in interest rates due to the existence of prepayment or conversion features. Although the effective durations of the securities may be low, they are considered to be highly sensitive to changes in interest rates.

At June 30, 2010 and 2009, the fair values of such investments are as follows:

|  | (\$ in thousands) |  |
| :--- | :---: | ---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| Mortgage-backed securities | $\$ 1,893$ | $\$ 1,664$ |
| Collateralized mortgage obligations | 263 | 362 |
| Variable rate securities | 20 | 44 |
| Callable bonds | 1,317 | 1,361 |
| Convertible bonds | 8 | - |
| Other asset-backed securities <br> Investment derivatives: <br> Forward contracts on a <br> to-be-announced basis | $\mathbf{5 8 2}$ | 116 |
| Total | $\mathbf{\$ 5 , 2 1 5}$ | $\mathbf{\$ 4 , 3 1 0}$ |

## Mortgage-Backed Securities

These securities are issued by Fannie Mae, Ginnie Mae and Freddie Mac and include short embedded prepayment options. Unanticipated prepayments by the obligees of the underlying asset reduce the total expected rate of return.

## Collateralized Mortgage Obligations

Collateralized mortgage obligations (CMOs) generate a return based upon the payment of either interest or principal on mortgages in an underlying pool. The relationship between interest rates and prepayments make the fair value highly sensitive to changes in interest rates. In falling interest rate environments, the underlying mortgages are subject to a higher propensity of prepayments. In a rising interest rate environment, the opposite is true.

## Other Asset-Backed Securities

Other asset-backed securities also generate a return based upon the payment of either interest or principal on obligations in an underlying pool, generally associated with auto loans or credit cards. As with CMOs, the relationship between interest rates and prepayments make the fair value highly sensitive to changes in interest rates.

## Variable Rate Securities

These securities are investments with terms that provide for the adjustment of their interest rates on set dates and are expected to have fair values that will be relatively unaffected by interest rate changes. Variable rate securities may have limits on how high or low the interest rate may change. These constraints may affect the market value of the security.

## Callable Bonds

Although bonds are issued with clearly defined maturities, an issuer may be able to redeem, or call, a bond earlier than its maturity date. The Plan must then replace the called bond with a bond that may have a lower yield than the original. The call feature causes the fair value to be highly sensitive to changes in interest rates.

At June 30, 2010 and 2009, the effective durations for these securities are as follows:

|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| :--- | :---: | :---: |
| Mortgage-backed securities | 4.2 | 7.6 |
| Collateralized mortgage <br> obligations <br> Variable rate securities <br> Callable bonds <br> Convertible bonds <br> Other asset-backed securities <br> Investment derivatives: <br> Forward contracts on a <br> to-be-announced basis | 2.2 | 2.4 |

## Foreign Currency Risk

The Regents' strategic asset allocation policy for the PERS Plus 5 Plan includes allocations to non-U.S. equities and non-dollar-denominated bonds. The benchmarks for these investments are not hedged; therefore, foreign currency risk is an essential part of the investment strategies. Portfolio guidelines for U.S. investment-grade fixed income securities also allow exposure to non-U.S. dollar-denominated bonds up to 10 percent of the total portfolio market value. Exposure to foreign currency risk from these securities is permitted and it may be fully or partially hedged using forward foreign currency exchange contracts. Under The Regents' investment policies, such instruments are not permitted for speculative use or to create leverage. Similar limits on foreign exchange exposure apply to the high-yield debt and emerging market debt portfolios ( 10 percent and 20 percent, respectively).

Securities lending transactions at June 30, 2010 and 2009 are as follows:

|  | ( $\$$ in thousands) |  |
| :--- | ---: | :---: |
| SECURITIES LENT | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| For cash collateral: |  |  |
| Equity securities: |  |  |
| Domestic | $\$ 3,350$ | 4,157 |
| Foreign | 1,206 | 2,679 |
| Fixed income securities: | 4,528 |  |
| U.S. government | 1,579 | $\mathbf{3 , 4 2 9}$ |
| Other U.S. dollar-denominated | $\mathbf{1 0 , 6 6 3}$ | $\mathbf{1 , 0 1 4}$ |
| Lent for Cash Collateral |  | $\mathbf{1 1 , 2 7 9}$ |

## For securities collateral:

Equity securities:
Domestic 339152

Foreign 206
Fixed income securities:
U.S. government 306
$\begin{array}{lll}\text { Other U.S. dollar-denominated } & 634 & 84\end{array}$
Foreign currency-denominated 625

| Lent for Securities Collateral | $\mathbf{2 , 2 0 9}$ | $\mathbf{5 2 5}$ |
| :--- | ---: | ---: |
| Total Securities Lent | $\mathbf{\$ 1 2 , 8 7 2}$ | $\mathbf{\$ 1 1 , 8 0 4}$ |
| COLLATERAL RECEIVED |  |  |
| Cash | $\$ 10,989$ | $\$ 11,721$ |
| Securities | 2,286 | 539 |
| Total Collateral Received | $\mathbf{\$ 1 3 , 2 7 5}$ | $\mathbf{\$ 1 2 , 2 6 0}$ |
| INVESTMENT OF CASH COLLATERAL |  |  |

Fixed or variable income securities:
Other U.S. dollar-denominated:

| Corporate bonds | $\$$ | 637 |
| :--- | ---: | :---: |
| Commercial paper | 701 | $\$, 241$ |
| Repurchase agreements | 3,370 | 527 |
| Corporate asset-backed securities | 886 | 1,371 |
| Certificates of deposit/time deposits | 3,695 | 2,688 |
| Supranational/foreign | 1,189 | 5,785 |
| U.S. agencies | 429 | 322 |
| Commingled funds: Money market funds: Not rated | 83 | - |
| Liabilities, net" | $\mathbf{( 5 )}$ | 478 |
| tal Investment of Cash Collateral |  | $\mathbf{\$ 1 1 , 6 7 9}$ |

* Other assets (liabilities), net is comprised of pending settlements of cash collateral investments.


## Note 3-Securities Lending

The PERS Plus 5 Plan participates in a securities lending program through the UCRP investment portfolio as a means to augment income. Securities are lent to selected brokerage firms for which collateral received equals or exceeds the fair value of such investments during the period of the loan. Securities loans immediately terminate upon notice by either the Plan or the borrower. Collateral may be cash or securities issued by the U.S. government or its agencies, or the sovereign or provincial debt of foreign countries. Collateral securities cannot be pledged or sold by the Plan unless the borrower defaults.
Loans of domestic equities and all fixed income securities are initially collateralized at 102 percent of the fair value of securities lent.

Loans of foreign equities are initially collateralized at 105 percent. All borrowers are required to provide additional collateral by the next business day if the value of the collateral falls to less than 100 percent of the fair value of securities lent.

Cash collateral received from the borrower is invested by lending agents, as agents for the Plan, in investment pools in the name of the Plan, with guidelines approved by the Plan. At June 30, 2010 and 2009, the securities in these pools had a weighted average maturity of 32 and 27 days, respectively. The Plan records a liability for the return of the cash collateral shown as collateral held for securities lending in the statement of fiduciary net assets. Securities collateral received from the borrower is held in an investment pool by the Plan's custodial bank. At June 30, 2010, the Plan had no exposure to borrowers because the amounts the Plan owed the borrowers exceeded the amounts the borrowers owed the Plan. The Plan is fully indemnified by its lending agents against any losses incurred as a result of borrower default.

The Plan earns interest and dividends on the collateral held during the loan period, as well as a fee from the brokerage firm, and is obligated to pay a fee and rebate to the borrower. The Plan receives the net investment income. The securities lending income and fees and rebates for the years ended June 30, 2010 and 2009 are as follows:

|  | (\$ in thousands) |  |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| Securities lending income | $\$ 90$ | $\$ 268$ |
| Securities lending fees and rebates | $(27)$ | $(132)$ |
| Securities lending income, net | $\mathbf{\$ 6 3}$ | $\mathbf{\$ 1 3 6}$ |

## Investment Risk Factors

There are a variety of potential risk factors involved in a securities lending program. Risks associated with the investment of cash collateral may include the credit risk from fixed income securities, concentration of credit risk, interest rate risk and foreign currency risk. In addition, there may be custodial credit risk associated with both cash and securities received as collateral for securities lent.

The PERS Plus 5 Plan investment policies and other information related to each of these risks are summarized below.

## Credit Risk

The PERS Plus 5 Plan's investment policies for the investment of cash collateral maintained in separately managed collateral pools restricts the credit rating of issuers to no less than A-1, F-1, or P-1 for short-term securities and no less than A2/A for long-term securities. Asset-backed securities must have a rating of AAA.

## Custodial Credit Risk

Cash collateral received for securities lent is invested in pools by the Plan's lending agents. The PERS Plus 5 Plan's securities related to the investment of cash collateral are registered in the Plan's name by the lending agent.

## Concentration of Credit Risk

The PERS Plus 5 Plan's investment policy with respect to the concentration of credit risk associated with the investment of cash collateral in the separately managed collateral pools restricts investments in any single issuer of corporate debt securities, time deposits, certificates of deposit, bankers acceptances and money market funds to no more than five percent of the portfolio value. As of June 30, 2010 and 2009, the concentration of credit risk is as follows:

|  | (\$ in thousands) |  |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 0 9}$ |
| Bank of America | $\$ 1,444$ | $\$ 653$ |
| BNP Paribas | 779 | 690 |
| ING Bank | 600 | - |
| J.P. Morgan Chase | - | 849 |
| Morgan Stanley | 643 | - |

## Interest Rate Risk

The nature of individual securities in the collateral pools allows for the use of weighted average maturity as an effective risk management measure. The PERS Plus 5 Plan's investment policy with respect to the interest rate risk associated with the investment of cash collateral in the separately managed collateral pools requires the weighted average maturity of the entire collateral pool to be less than 120 days. The maturity of securities issued by the U.S. government and asset-backed securities must be less than five years, corporate debt obligations must be less than two years and time deposits must be less than 190 days. Floating rate debt may be used, but it is limited to 65 percent of the market value of the portfolio.

At June 30, 2010 and 2009, the weighted average maturity expressed in days outstanding for asset-backed securities was 15 days and 23 days, respectively; 30 days and 41 days, respectively, for variable-rate investments.

Investment of cash collateral may include various asset-backed securities, structured notes and variable-rate securities that may be considered to be highly sensitive to changes in interest rates due to the existence of pre-payment or conversion features, although the weighted average maturity may be short.

The credit risk profile for fixed or variable income securities associated with the investment of cash collateral at June 30, 2010 and 2009 is as follows:

| FIXED OR VARIABLE INCOME SECURITIES (\$ in thousands) |  |  |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Other U.S. dollar-denominated: |  |  |
| AAA | \$1,375 | \$2,547 |
| AA | 1,156 | 907 |
| A | 445 | 804 |
| BBB | 3 | 35 |
| BB | - | 50 |
| A1/P1/F1 | 7,928 | 7,591 |
| Commingled funds: |  |  |
| Money market funds: Not rated | 83 | 478 |
| Liabilities, net: Not rated ${ }^{1}$ | (5) | (733) |

${ }^{1}$ Liabilities, net is comprised of pending settlements of cash collateral investments.

The weighted average maturity expressed in days outstanding for fixed or variable income securities associated with the investment of cash collateral at June 30, 2010 and 2009 is as follows:

| FIXED OR VARIABLE INCOME SECURITIES |  | (in days) |
| :---: | :---: | :---: |
|  | 2010 | 2009 |
| Other U.S. dollar-denominated: |  |  |
| Corporate bonds | 37 | 43 |
| Commercial paper | 12 | 70 |
| Repurchase agreements | 51 | 1 |
| Corporate asset-backed securities | 15 | 23 |
| Certificates of deposit/ time deposits | 25 | 50 |
| Supranational/foreign | 27 | 34 |
| Commingled funds: <br> Money market funds: Not rated | 1 | 1 |

## Foreign Currency Risk

The Regents investment policy with respect to the foreign currency risk associated with the investment of cash collateral maintained in separate collateral pools restricts investments to U.S. dollar-denominated securities. Therefore, there is no foreign currency risk.

## NOTE 4 - Financial Derivative Instruments

The Plan may use derivatives including futures, foreign currency exchange contracts, options, and forward contracts as a substitute for investment in equity and fixed income securities or to reduce the effect of fluctuating foreign currencies on foreign currency-denominated investments. Forward contracts are also used to purchase securities on a to-be-announced basis.
The Plan enters into futures contracts for the purpose of acting as a substitute for investment in equity and fixed income securities. A futures contract is an agreement between two parties to buy and sell a security or financial index, interest rate or foreign currency at a set price on a future date. They are standardized contracts that can be easily bought and sold and are exchange-traded. Upon entering into such a contract, the Plan is required to pledge to the broker an amount of cash or securities equal to the minimum initial margin requirements of the exchange on which the contract is traded. Pursuant to the contract, the Plan agrees to receive from, or pay to, the counterparty an amount of cash equal to the daily fluctuation in the value of the contract. These contracts are settled on a daily basis, with the resulting realized gain or loss included in the statement of changes in fiduciary net assets. The settlement amount at the end of each day for each of the contracts, or variation margin, is included in investments and represents the fair value of the contracts.

Forward contracts are similar to futures contracts, although they are not exchange-traded. Foreign currency exchange contracts are forward contracts used to hedge against foreign currency exchange rate risks on non-U.S. dollar denominated investment securities and to increase or decrease exposure to various foreign currencies.

Forward contracts are also used to purchase certain mortgage-backed securities on a to-be-announced basis when the price cannot be determined until the coupon rate is known. A forward contract on a to-be-announced basis is a commitment to purchase a mortgage backed pass-through pooled security when issued by Freddie Mac, Fannie Mae and Ginnie Mae. The terms of the security are announced forty-eight hours prior to the established trade settlement date. Payment for the mortgage backed security is made on the trade settlement date. A forward contract on a to-be-announced basis acts as a substitute for investment in mortgage backed securities.

An option contract gives the Plan the right, but not the obligation, to buy or sell a specified security or index at a fixed price during a specified period for a nonrefundable fee (the "premium"). The maximum loss to the Plan is limited to the premium originally paid for covered options. The Plan records premiums paid for the purchase of these options in the statement of fiduciary net assets as an investment which is subsequently adjusted to reflect the fair value of the options, with unrealized gains and losses included in the statement of changes in fiduciary net assets. The Plan held no option contracts at June 30, 2010 or 2009.

The fair value balances and notional amounts of derivative instruments outstanding at June 30, 2010 and 2009, categorized by type, and the changes in fair value of such derivatives for the years then ended are as follows:

| INVESTMENT DERIVATIVES |  |  | (\$ in thousands) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Notional Amount |  | Fair Value-Positive (Negative) |  |  | Changes In Fair Value |  |  |
|  | 2010 | 2009 | Classification | 2010 | 2009 | Classification | 2010 | 2009 |
| Futures contracts: |  |  |  |  |  |  |  |  |
| Domestic equity futures: |  |  |  |  |  |  |  |  |
| Long positions | 962 | 1,765 | Investments | \$ (15) | \$ (10) | Net appreciation (depreciation) | \$ 349 | \$ (5) |
| Short positions | (20) | (27) | Investments | - | - | Net appreciation (depreciation) | (4) | 9 |
| Foreign equity futures: |  |  |  |  |  |  |  |  |
| Long positions | 282 | 231 | Investments | (1) | (1) | Net appreciation (depreciation) | 42 | 113 |
| Short positions | (64) | (48) | Investments | 1 | - | Net (depreciation) | (5) | (34) |
| Futures contracts, net |  |  |  | (15) | (11) |  | 382 | 83 |
| Foreign currency exchange contracts: |  |  |  |  |  |  |  |  |
| Long positions | 248 | 174 | Investments | 3 | (1) | Net appreciation (depreciation) | 12 | (64) |
| Short positions | (276) | (196) | Investments | (1) | - | Net appreciation (depreciation) | (3) | 20 |
| Foreign currency exchange contracts, net |  |  |  | 2 | (1) |  | 9 | (44) |
| Forward contracts, on a to-beannounced basis | 1,074 | 744 | Investments | 1,132 | 763 | Net appreciation (depreciation) | 85 | (122) |
| Total investment derivatives |  |  |  | \$1,119 | \$751 |  | \$ 476 | \$(83) |

## NOTE 5 - Contributions and Reserves

## Actuarially Determined Contribution Requirements and Contributions

The Regents' funding policy provides for actuarially determined contributions at rates that maintain the Plan on an actuarially sound basis. As of June 30, 2010 and 2009, the PERS Plus 5 Plan was fully funded and no annual contributions were required.

## NOTE 6 - Plan Termination

The Regents expects to continue the PERS Plus 5 Plan indefinitely, but reserves the right to amend or terminate the Plan at any time provided that any such action shall not lessen the accrued benefits of any participants. In the event that the Plan is terminated, Plan assets shall be applied solely for the benefit of retired members and their beneficiaries until all liabilities of the Plan have been satisfied. The benefits of the PERS Plus 5 Plan are not insured by the Pension Benefit Guaranty Corporation, a federal insurance agency, as established under Title IV of the Employee Retirement Income Security Act of 1974.

## UNIVERSITY OF CALIFORNIA PERS PLUS 5 PLAN Required Supplementary Information

## Actuarial Information

Analysis of dollar amounts of the actuarial value of assets, actuarial accrued liability, and actuarial value of assets in excess of the actuarial accrued liability in isolation can be misleading. Expressing the actuarial value of assets as a percentage of the actuarial accrued liability provides one indication of the funding status on a going-concern basis. Analysis of this percentage over time indicates whether a plan is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the plan.

| REQUIRED SUPPLEMENTARY SCHEDULE OF FUNDING PROGRESS FOR THE PAST SIX YEARS |
| :---: | :---: | :---: | :---: |

* Reported at fair value.
** Includes present value of administrative expenses equal to one percent of actuarial accrued liability.
Note: Because 100 percent of the members in the PERS Plus 5 Plan are retired, there is no annual covered payroll.

Actuarial valuations represent a long-term perspective and involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Actuarially determined amounts are subject to periodic revisions as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress presents multi-year trend information about whether the actuarial value of assets is increasing or decreasing over time relative to the actuarial accrued liability for benefits.

## Required Schedule of University Contributions

Since 1996, the University has not been required to make contributions to the PERS Plus 5 Plan due to its fully funded status.

## Actuarial Information

The required supplementary information was determined as part of the actuarial valuation as of the date indicated. Additional information as of the most recent actuarial valuations is as follows:

| ADDITIONAL TREND INFORMATION |  |  |
| :---: | :---: | :---: |
| Valuation Date as of July 1 | 2009 | 2008 |
| Actuarial cost method | Unit Credit | Unit Credit |
| Amortization method | n/a | n/a |
| Remaining amortization period | n/a | n/a |
| Asset valuation method | Fair Value | Fair Value |
| Actuarial assumptions: |  |  |
| Investment rate of return* | 7.50\% | 7.50\% |
| Projected salary increases | n/a | n/a |
| Cost-of-living adjustments | None | None |

* Includes inflation assumption at $3.5 \%$.

The actuarial assumptions are based on the presumption that the PERS Plus 5 Plan will continue in operation. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated Plan benefits.

## UNIVERSITY OF CALIFORNIA PERS PLUS 5 PLAN

## Other Supplementary Information

The total net assets available in excess of the total actuarial accrued liability (AAL) of the PERS Plus 5 Plan based on the measure of the AAL, which uses the unit credit basis, as appears in the actuarial valuation, was approximately $\$ 37.8$ million at July 1, 2009, and $\$ 39.8$ million at July 1, 2008, as follows:

| ACTUARIAL ACCRUED LIABILITY(\$ in millions) |  |  |
| :--- | :--- | :--- |
| Valuation Date as of July $\mathbf{1}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 0 8}$ |
| Retirees and beneficiaries receiving benefits and terminated <br> employees not yet receiving benefits | $\$(37.8)$ | $\$(39.8)$ |
| Total Actuarial Accrued Liability—Unit Credit Basis | $\$(37.8)$ | $\$(39.8)$ |
| Net assets allocated to fund the actuarial accrued liability, at fair value <br> Actuarial value of assets in excess of actuarial accrued liability <br> -entry age normal cost basis | $\$ 56.9$ | $\$ 76.3$ |




[^0]:    1 Does not include deceased Members.

[^1]:    *The Real Assets asset class had less than one year's performance. The Opportunistic asset class had no performance.

[^2]:    ${ }^{*}$ Includes investment of $\$ 74,163$ and $\$ 229,916$ in the Short Term Investment Pool as of June 30, 2010 and 2009, respectively.

[^3]:    *The entire member assessment was directed to the Defined Contribution Plan during fiscal year 2008-2009 and period July 1, 2009 through April 30, 2010.

[^4]:    a. Does not include member withdrawals including CAP distributions.
    b. Includes $\$ 1.57$ billion of Plan net assets transferred to LLNS successor pension plan.
    c. Includes $\$ 1.44$ billion of Plan net assets transferred to LANS successor pension plan.

[^5]:    See accompanying Notes to Financial Statements.

