# TEXAS TECH UNIVERSITY SYSTEM MANAGED INVESTMENTS <br> YEAR ENDED November 30, 2008 

| FUND | November 30, 2008 <br> MARKET VALUE | ONE YEAR <br> TOTAL RETURN |  |
| :--- | :--- | :--- | :--- |
| SHORT/INTERMEDIATE TERM FUND | $\$$ | $607,450,937$ | $3.94 \%$ |
| LONG TERM INVESTMENT FUND | $\$$ | $589,652,809$ | $(20.70 \%)$ |
| GIFTED INVESTMENTS | $\$$ | $14,490,107$ | $5.54 \%$ |
| ANGELO STATE UNIVERSITY | $\$$ | $32,023,227$ | $2.80 \%$ |
| ASU - CARR TRUST FUNDS | $\$$ | $34,231,344$ | $(7.44 \%)$ |
| TOTAL | $\underline{\$}$ | $\mathbf{1 , 2 7 7 , 8 4 8 , 4 2 3}$ |  |



Prepared by: Eric Fisher
Manager - Treasury Services
Texas Tech University System
Box 41098
Lubbock, TX 79409-1098
(806) 742-3243
e.fisher@ttu.edu

TEXAS TECH UNIVERSITY SYSTEM MARKET VALUES OF INVESTMENT POOLS

INVESTMENT ACTIVITY
Quarter Ended November 30, 2008

| SHORT | LONG TERM |
| :---: | :---: |
| INTERMEDIATE | INVESTMENT |
| TERM FUND | FUND |


| Market Value @ 8/31/08 | $\$$ | $673,170,844$ | $\$$ | $684,771,695$ |
| :--- | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Net Additions | $\$$ | $(75,814,053)$ | $\$$ | $20,790,144$ |
| Distributions | $\$$ | - | $\$$ | $(7,863,781)$ |
| Investment Income | $\$$ | $4,514,421$ | $\$$ | 658,399 |
| Realized Gains (Losses) | $\$$ | - | $\$$ | $(20,882,628)$ |
| Unrealized Gains (Losses) | $\$$ | $5,579,725$ | $\$$ | $(87,821,019)$ |
|  |  |  |  |  |
| Market Value @ 11/30/08 | $\$$ | $607,450,937$ | $\$$ | $589,652,809$ |


| SHORT/INTERMEDIATE TERM INVESTMENT FUND <br> TEXAS TECH UNIVERSITY SYSTEM <br> AS OF November 30, 2008 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| INVESTMENT TYPE | $\begin{gathered} \text { MARKET VALUE } \\ 11 / 30 / 08 \end{gathered}$ | $\begin{gathered} \text { \% OF } \\ \text { TOTAL } \end{gathered}$ | ONE YEAR YIELD | $\begin{gathered} \text { ONE YEAR } \\ \text { TOTAL } \\ \text { RETURN } \end{gathered}$ |
| SHORT-TERM ASSETS |  |  |  |  |
| PRIMARY DEPOSITORY CASH: |  |  |  |  |
| PNB FINANCIAL BANK REPURCHASE AGREEMENT | \$52,500,788 | 8.64\% | 1.43\% | 1.43\% |
| SECONDARY DEPOSITORY CASH | \$10,782,905 | 1.78\% | 2.96\% | 2.96\% |
| TEXPOOL | \$359,447,457 | 59.17\% | 2.64\% | 2.64\% |
| TOTAL SHORT TERM ASSETS | \$422,731,150 | 69.59\% | 2.51\% | 2.51\% |
| SHORT/INTERMEDIATE TERM ASSETS |  |  |  |  |
| U.S. TREASURIES | \$0 | 0.00\% | 3.41\% | 2.46\% |
| CALLABLE AGENCY SECURITIES | \$107,887,468 | 17.76\% | 4.77\% | 5.52\% |
| TOTAL SHORT/INTERMEDIATE TERM ASSETS | \$107,887,468 | 17.76\% | 4.69\% | 5.36\% |
| INTERMEDIATE TERM ASSETS |  |  |  |  |
| CALLABLE AGENCY SECURITIES | \$9,662,516 | 1.59\% | 5.05\% | 3.65\% |
| MBSs | \$375,142 | 0.06\% | 4.75\% | 8.21\% |
| REAL ESTATE MORTGAGE INVESTMENT CONDUITS (REMICs): |  |  |  |  |
| FEDERAL NATIONAL MORTGAGE ASSOCIATION (FNMA) | \$10,426,682 | 1.72\% |  |  |
| FEDERAL HOME LOAN MORTGAGE CORPORATION (FHLMC) | \$18,623,967 | 3.07\% |  |  |
| TOTAL REMIC'S | \$29,050,649 | 4.78\% | 4.95\% | 4.74\% |
| VANGUARD BOND INDEX FUND | \$37,744,012 | 6.21\% | 4.93\% | 13.69\% |
| TOTAL INTERMEDIATE TERM ASSETS | \$76,832,319 | 12.65\% | 4.97\% | 8.31\% |
| TOTAL SHORT/INTERMEDIATE TERM INVESTMENT FUND | \$607,450,937 | 100.00\% | 3.34\% | 3.94\% |

## INVESTMENT COMPONENTS



AS OF November 30, 2008

| Manager |  | Market Value |  |  |  |  | Performance Measures |  |  | Benchmarks |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Fixed Income | Equities | Cash \& Equiv. | Alternative | Total | Quarter | Year to Date | One Year | Index | Quarter | Date | One Year |
| Large Cap Equity: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SPDR S\&P 500 | (2) | - | 38,702,033 | 25,747 | - | 38,727,780 | N/A | N/A | N/A | S\&P 500 | (29.60\%) | (29.60\%) | (38.10\%) |
| Atalanta Sosnoff |  | - | 11,694,679 | 2,207,844 | - | 13,902,523 | (26.50\%) | (26.50\%) | (39.00\%) | Russell 1000 | (32.90\%) | (32.90\%) | (39.80\%) |
| Jensen |  | - | 15,417,046 | 210,161 | - | 15,627,207 | (23.50\%) | (23.50\%) | (28.70\%) | S\&P 500 | (29.60\%) | (29.60\%) | (38.10\%) |
| Stralem | (2) | - | 16,858,248 | 2,147,605 | - | 19,005,853 | N/A | N/A | N/A | S\&P 500 | (29.60\%) | (29.60\%) | (38.10\%) |
| ASB | (2) | - | 17,672,874 | - | - | 17,672,874 | N/A | N/A | N/A | S\&P 500 | (29.60\%) | (29.60\%) | (38.10\%) |
| Mid Cap Equity: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MidCap SPDRs | (2) | - | 11,249,518 | - | - | 11,249,518 | N/A | N/A | N/A | S\&P MidCap 400 | N/A | N/A | N/A |
| Small Cap Equity: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| iShares Russell 2000 | (2) | - | 5,521,264 | - | - | 5,521,264 | N/A | N/A | N/A | Russell 2000 | N/A | N/A | N/A |
| International Equity: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GMO Emerging Mkts |  | - | 13,296,816 | - | - | 13,296,816 | (45.20\%) | (45.20\%) | (58.10\%) | MSCI Emerging Markets | (44.60\%) | (44.60\%) | (56.60\%) |
| GMO Foreign Markets |  | - | 25,996,245 | - | - | 25,996,245 | (31.50\%) | (31.50\%) | (45.00\%) | MSCI EAFE | (35.40\%) | (35.40\%) | (47.80\%) |
| Axiom | (2) | - | 11,300,313 | - | - | 11,300,313 | (33.30\%) | (33.30\%) | N/A | MSCI AC World ex USA | (37.60\%) | (37.60\%) | N/A |
| Silchester | (2) | - | 15,133,356 | - | - | 15,133,356 | (23.00\%) | (23.00\%) | N/A | MSCI EAFE | (35.40\%) | (35.40\%) | N/A |
| Acadian Int'l Small-Cap |  | - | 3,174,120 | - | - | 3,174,120 | (43.80\%) | (43.80\%) | (57.90\%) | S\&P-EPAC | (39.70\%) | (39.70\%) | (52.00\%) |
| GMO - Int'1 Small |  | - | 3,698,816 | - | - | 3,698,816 | (37.20\%) | (37.20\%) | (49.40\%) | S\&P-EPAC | (39.70\%) | (39.70\%) | (52.00\%) |
| Fixed Income: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ssga Collateral Inv. Fund | (2) | 24,837,803 | - | - | - | 24,837,803 | N/A | N/A | N/A | 91-day T-Bill | 0.20\% | 0.20\% | 1.60\% |
| Cash: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cash Account |  | - | - | 41,744,164 | - | 41,744,164 | 0.70\% | 0.70\% | 3.00\% | 91-day T-Bill | 0.20\% | 0.20\% | 1.60\% |
| Real Assets: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CDK Realty | (1) | - | - | - | 11,895,080 | 11,895,080 |  |  |  |  |  |  |  |
| E2M | (1) | - | - | - | 6,625,858 | 6,625,858 |  |  |  |  |  |  |  |
| Alcion | (1) | - | - | - | 700,788 | 700,788 |  |  |  |  |  |  |  |
| Encap IV | (1) | - | - | - | 1,773,916.80 | 1,773,917 |  |  |  |  |  |  |  |
| Encap V | (1) | - | - | - | 13,224,659.59 | 13,224,660 |  |  |  |  |  |  |  |
| Encap VI | (1) | - | - | - | 10,188,427.41 | 10,188,427 |  |  |  |  |  |  |  |
| Encap VII | (1) | - | - | - | 2,950,078.03 | 2,950,078 |  |  |  |  |  |  |  |
| Vanguard REIT | (2) | - | - | - | 4,882,170 | 4,882,170 | (47.40\%) | (47.40\%) | N/A | Dow Jones Wilshire REIT | (49.20\%) | (49.20\%) | N/A |
| Natural Gas Partners IX | (1) | - | - | - | 1,837,050 | 1,837,050 |  |  |  |  |  |  |  |
| Savanna | (1) | - | - | - | 5,459,129 | 5,459,129 |  |  |  |  |  |  |  |
| Absolute Return: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ariel |  | - | - | - | 16,544,731 | 16,544,731 | (10.20\%) | (10.20\%) | (11.80\%) | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| GMO - Absolute Return |  | - | - | - | 21,317,038 | 21,317,038 | (4.60\%) | (4.60\%) | (6.50\%) | MSCI AC World | (34.40\%) | (34.40\%) | (44.80\%) |
| King Street |  | - | - | - | 19,058,708 | 19,058,708 | 1.00\% | 1.00\% | 3.70\% | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| New Castle |  | - | - | - | 17,275,273 | 17,275,273 | 2.50\% | 2.50\% | 5.10\% | 91-day T-Bill + 4 | 1.10\% | 1.10\% | 5.50\% |
| Taconic |  | - | - | - | 10,682,186 | 10,682,186 | (8.30\%) | (8.30\%) | (11.80\%) | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| Shepherd Investments |  | - | - | - | 11,890,087 | 11,890,087 | (15.30\%) | (15.30\%) | (21.80\%) | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| Alson | (2) | - | - | - | 8,560,133 | 8,560,133 | (16.00\%) | (16.00\%) | (21.80\%) | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| Davidson Kempner | (2) | - | - | - | 12,305,475 | 12,305,475 | (9.60\%) | (9.60\%) | (9.90\%) | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| Wexford | (2) | - | - | - | 11,483,784 | 11,483,784 | (18.00\%) | (18.00\%) | (20.30\%) | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| OZ Asia | (2) | - | - | - | 11,328,734 | 11,328,734 | (18.10\%) | (18.10\%) | N/A | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| Fir Tree | (2) | - | - | - | 12,131,955 | 12,131,955 | (14.00\%) | (14.00\%) | N/A | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
| Silver Point | (2) | - | - | - | 7,445,722 | 7,445,722 | (24.50\%) | (24.50\%) | N/A | HFR Fund of Funds | (13.50\%) | (13.50\%) | (18.70\%) |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Oaktree - Fund IV | (1) | - | - | - | 19,419 | 19,419 |  |  |  |  |  |  |  |
| Oaktree - Prin Opp Fund III | (1) | - | - | - | 9,626,631 | 9,626,631 |  |  |  |  |  |  |  |
| Oaktree - Prin Opp Fund IV | (1) | - | - | - | 11,301,015 | 11,301,015 |  |  |  |  |  |  |  |
| OakTree European | (1) | - | - | - | 6,376,218 | 6,376,218 |  |  |  |  |  |  |  |
| Oaktree - Opp Fund VII | (1) | - | - | - | 4,526,127 | 4,526,127 |  |  |  |  |  |  |  |
| Oaktree - Opp Fund VIIb | (1) | - | - | - | 11,276,172 | 11,276,172 |  |  |  |  |  |  |  |
| Stone Point Trident III | (1) | - | - | - | 19,239,515 | 19,239,515 |  |  |  |  |  |  |  |
| Stone Point Trident IV | (1) | - | - | - | 8,016,329 | 8,016,329 |  |  |  |  |  |  |  |
| Sterling Group | (1) | - | - | - | 5,262,338 | 5,262,338 |  |  |  |  |  |  |  |
| Reservoir | (1) | - | - | - | 16,187,167 | 16,187,167 |  |  |  |  |  |  |  |
| Irving Place Merchant Banking | (1) | - | - | - | 4,568,436 | 4,568,436 |  |  |  |  |  |  |  |
| Goldman Sachs Vintage Fund IV | (1) | - | - | - | 8,486,117 | 8,486,117 |  |  |  |  |  |  |  |
| Denham Capital Partners | (1) | - | - | - | 2,054,428 | 2,054,428 |  |  |  |  |  |  |  |
| Main Street Capital | (1) | - | - | - | 2,263,263 | 2,263,263 |  |  |  |  |  |  |  |
| Total |  | 24,837,803 | 189,715,328 | 46,335,520 | 328,764,158 | 589,652,809 | (16.10\%) | (16.10\%) | (20.70\%) | Policy Allocation Index | (22.10\%) | (22.10\%) | (29.50\%) |

(1) - Returns aren't presented for private equity due to the illiquidity of the investments.
(2) - Managers added during last year

ACTUAL ASSET MIX


## TEXAS TECH UNIVERSITY SYSTEM <br> GIFTED INVESTMENTS <br> AS OF November 30, 2008

| FUND TYPE | $\begin{gathered} \text { BOOK VALUE } \\ \text { 8/31/08 } \end{gathered}$ | MARKET <br> VALUE 8/31/08 | $\begin{gathered} \text { BOOK VALUE } \\ 11 / 30 / 08 \end{gathered}$ | MARKET <br> VALUE 11/30/08 | ONE YEAR YIELD | ONE YEAR TOTAL RETURN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Restricted Funds | \$1,233,297 | \$1,233,297 | \$1,180,763 | \$1,180,763 |  |  |
| Total Endowment Funds | 506,716 | 493,540 | \$476,211 | \$430,374 |  |  |
| Total Foundation/Agency Funds | \$13,632,990 | \$13,439,080 | \$13,414,800 | \$12,878,970 |  |  |
| Grand Total | \$15,373,002 | \$15,165,917 | \$15,071,773 | \$14,490,107 | 3.48\% | 5.54\% |

# TEXAS TECH UNIVERSITY SYSTEM <br> ANGELO STATE UNIVERSITY <br> AS OF November 30, 2008 

| INVESTMENT TYPE | $\begin{gathered} \text { MARKET VALUE } \\ 11 / 30 / 08 \\ \hline \end{gathered}$ |  | ONE YEAR TOTAL RETURN |
| :---: | :---: | :---: | :---: |
| Angelo State: <br> Operating/Non-operating funds: <br> Short-Term: |  |  |  |
|  |  |  |  |
|  |  |  |  |
| TexPool | \$ | 30,247,070 |  |
| Intermediate: |  |  |  |
| Corporates | \$ | 1,763,105 |  |
| Total Intermediate | \$ | 1,763,105 |  |
| Long-Term: |  |  |  |
| Agencies | \$ | - |  |
| CMOs | \$ | 2,366 |  |
| Common Stocks | \$ | - |  |
| Munis | \$ | 3,853 |  |
| Mutual Fund | \$ | 5,984 |  |
| Texas Tech LTIF | \$ | 13,924,635 |  |
| Corporates | \$ | 13,924,635 |  |
| Total Long-Term | \$ | 13,936,838 |  |
| Total Operating/Non-operating | \$ | 45,947,013 | 2.78\% |
| Endowments: |  |  |  |
| Wells Fargo | \$ | 848 | 7.47\% |
| Total Angelo State | \$ | 45,947,861 | 2.80\% |
| ASU Carr Trust Funds: |  |  |  |
| iShares Lehman Aggregate | \$ | 18,474,143 |  |
| SPDRs | \$ | 2,427,942 |  |
| Wells Fargo Money Market | \$ | 13,329,259 |  |
| Texas Tech LTIF | \$ | 38,949,750 |  |
| Total ASU Carr Trust Funds | \$ | 73,181,093 | -7.44\% |

## Glossary of Terms

| Book Value | Fund value without accounting for changes in market value. Sum of original investment, <br> additions and deletions from the fund, current income (interest and dividends less fees), <br> and realized gains and losses. |
| :--- | :--- |
| Market Value | Fund value with investments priced as of the date of the report. Sum of book value and <br> unrealized gains and losses. |
| Yield | Return measuring current income (interest and dividends less fees) earned based on the <br> beginning market value of fund. |
| Total Return | Return measuring total appreciation in the value of the fund. Total appreciation includes <br> current income, plus realized and unrealized gains and losses. |
| One Year Yield | Yield for the year ended as of the date of the report. |

