

## **Executive Summary of Investment Performance**

Fourth Quarter 2005



## **Capital Markets Review**

#### Market Observations

Hurricane Katrina had a negative effect on markets in September and October, but markets had generally recovered by November. Job growth was lackluster in those months, with a combined 61,000 jobs added, but the picture improved markedly in November with 215,000 jobs added, and the unemployment rate falling to pre-Katrina levels. Inflation spiked to 4.7% year-over-year (CPI) in September before falling to 3.5% in November, the same as its rate of change a year earlier.

Consumer confidence rebounded sharply in November and December after plummeting in September, thanks in part to a drop in energy prices. Oil ended the quarter down 7.85% at \$61.04 per barrel and natural gas dropped 19.37% to \$11.23 per MMBtu.

The Fed made two  $\frac{1}{4}$  point hikes, bringing the Fed Funds rate to 4.25%. For the year, the key rate had increased 2% from its 2.25% level at the end of 2004. Rising mortgage rates led to a decline in home sales in November compared to October and the previous year. 30-year fixed rate mortgages were up to  $6\frac{1}{4}$ % (1/2 percent higher than November 2004).

#### U.S. Stock Market

The US equity markets posted a solid 4th quarter gain of 2.21%, as the Dow Jones Wilshire 5000 finished the year with a respectable 6.38% return for 2005. Rebounding from the bear markets of 2000-2002, 2005 marked the third consecutive year of positive results. Small capitalization stocks closely matched large capitalization stocks during the quarter, but outperformed for the year with the Wilshire Small Cap 1750 outperforming the Wilshire Large Cap 750 by 2.35%. Microcaps lagged larger size segments, with the Wilshire Microcap 2500 index returning 0.54% and 2.76% for the quarter and year, respectively. While small cap growth stocks outperformed small cap value stocks for the fourth quarter, growth lagged value across all market capitalizations for the year.

Despite a pullback in the 4th quarter, the energy and utilities sectors led the way in 2005, posting one-year returns of 35% and 15% respectively. Interestingly, the flattening of the yield curve did not stop the financial sector from posting a solid 6.1% gain in 2005 with a strong run up of 7.1% in the 4th quarter. The consumer discretionary and telecommunications services sectors lagged the broader market, with annual returns of about -4.6% and -2.3%, respectively.

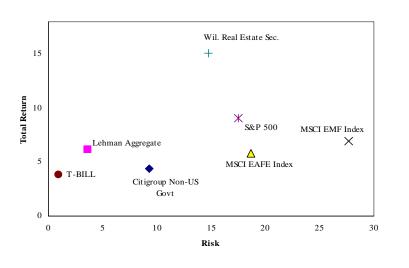


## **Market Review**

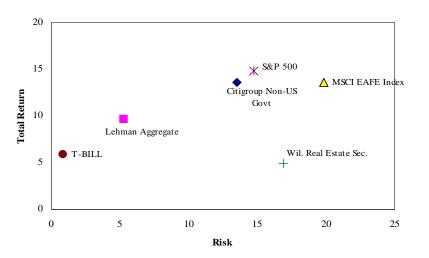
(	(%)				
	QTR	1 yr	3 yr	5 yr	10yı
Equity				-	
Dow Jones - Wilshire 5000	2.2	6.4	16.4	2.1	9.2
Standard and Poor's 500	2.1	4.9	14.4	0.6	9.1
International Stock (MSCI EAFE)(USD)	4.1	13.5	23.7	4.6	5.8
Emerging Markets (MSCI EMF)(USD)	7.2	34.5	38.3	19.4	7.0
Dow Jones - Wilshire Real Estate Securities	3.0	13.8	28.1	19.0	15.1
Fixed Income					
Lehman Aggregate Bond	0.6	2.4	3.6	5.9	6.2
First Boston High Yield	0.6	2.3	13.6	9.8	7.1
International Bonds (Citigroup Non-US)	-2.6	-9.2	6.5	7.3	4.4
Treasury Bills (91 Day)	0.9	3.1	1.8	2.3	3.9
Consumer Price Index	-1.0	3.4	2.9	2.5	2.5

Maior Asset Class Returns

## *Risk versus Return ( 12/31/95 - 12/31/05)*



#### *Risk versus Return (12/31/85 - 12/31/95)*



Wilshire Consulting

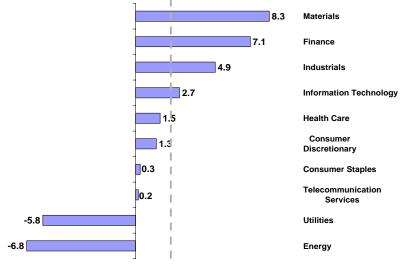


## **Domestic Equity Markets**

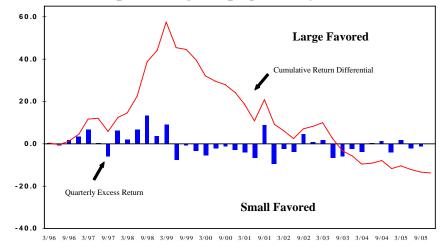
#### US Equity Returns

	QTR	1 yr	3 yr	5 yr	10yr
Dow Jones - Wilshire 4500	2.7	10.0	23.2	6.9	9.8
Dow Jones - Wilshire 5000	2.2	6.4	16.4	2.1	9.2
Wilshire Internet Index	7.5	3.6	25.3	-10.3	
Wilshire Large Cap 750	2.3	5.5	14.8	0.8	8.9
Wilshire Small Cap 1750	2.4	7.9	23.7	8.4	10.6
Wilshire Micro Cap 2500	0.5	2.8	32.3	21.3	16.4
Wilshire Venture Capital	3.2	1.5	23.0	-8.2	7.1
Wilshire Large Growth	1.9	2.9	11.3	-3.8	6.8
Wilshire Large Value	2.7	8.0	18.2	4.6	9.8
Wilshire Mid Growth	2.4	10.1	21.6	3.6	9.2
Wilshire Mid Value	2.4	12.1	26.5	13.7	14.5
Wilshire Small Growth	2.9	6.9	21.5	1.8	5.6
Wilshire Small Value	1.8	8.8	25.9	13.8	13.3

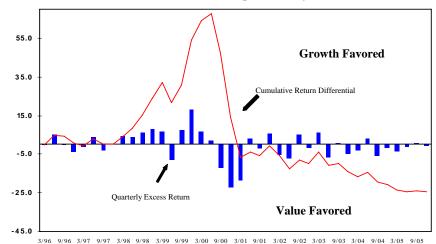
#### Wilshire 5000 Quarterly GICS Sector Returns



Small Cap vs. Large Cap Quarterly Returns



#### Value vs. Growth Stocks Quarterly Returns



Wilshire Consulting

-- Represents DJ Wilshire 5000 Quarterly Return



### **Fixed Income**

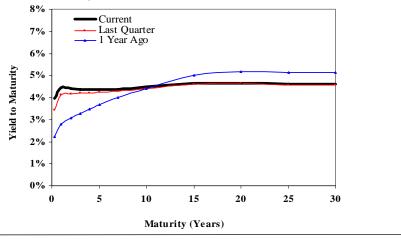
#### Fixed Income

	QTR	1 yr	3 yr	5 yr	10yr
Lehman Aggregate	0.6	2.4	3.6	5.9	6.2
Lehman ABS	0.6	2.1	3.0	5.5	6.0
Lehman Credit	0.5	2.0	4.9	7.1	6.5
Lehman Gov't	0.7	2.6	2.8	5.4	5.9
Lehman Gov / Credit	0.6	2.4	3.7	6.1	6.2
Lehman Long Treasury	1.1	6.5	5.5	7.4	7.4
Lehman Mortgage	0.6	2.6	3.5	5.4	6.2
Lehman Agency	0.6	2.4	2.8	5.5	6.0
First Boston High Yield	0.6	2.3	13.6	9.8	7.1
Salomon Bros World Gov't Bond	-1.9	-6.9	5.7	6.9	5.0
Salomon Bros Non-US Bond	-2.6	-9.2	6.5	7.3	4.4
Lehman US TIPS	0.1	2.8	6.5	8.7	N/A

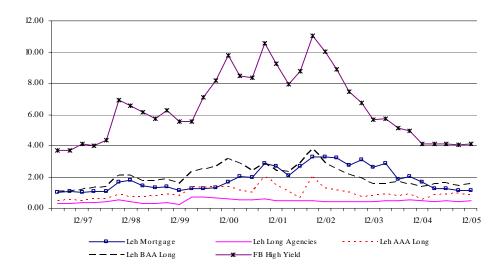
#### Market Commentary

Despite the widely publicized downgrades of both Ford and GM to "junk" status, the bond market provided relatively consistent performance of between 2% and 3% across most sectors for the year. The yield on the benchmark 10 Year Treasury ended the year at 4.39% compared to 4.22% at the end of 2004 while short-term interest rates jumped by 2% due to hikes by the Federal Reserve. This caused the yield curve to flirt with inversion in the last week of the year, which had many market participants concerned whether this was a harbinger of economic slowdown. High yield bonds lagged the broad market for the year, returning 2.26% compared to a 2.43% return for the Lehman Aggregate.

#### Treasury Yield Curve



#### Yield Spread To Treasuries





Weight

Country

Equity (in U.S. \$)	QTR	1 yr	3 yr	5 yr	10yr
Non U.S. (ACWI X U.S)	4.4	17.1	26.2	6.7	6.7
Developed (EAFE)	4.1	13.5	23.7	4.6	5.83
Emerging (EMF)	7.2	34.5	38.3	19.4	7.0
Europe	2.0	9.4	22.4	3.7	9.4
Pacific	8.6	22.7	26.4	6.5	1.1
France	0.6	9.9	22.2	2.2	10.3
Germany	4.4	9.9	27.9	1.6	6.9
Japan	11.9	25.5	25.5	4.6	-0.2
United Kingdom	0.2	7.4	19.2	4.3	8.5
Currencies (% change)					
Euro vs Dollar	-2.2	-13.2	4.0	4.7	
Yen vs Dollar	-4.0	-13.2	0.2	-0.7	-1.3
Pound vs Dollar	-3.0	-10.6	2.2	2.8	1.0

### **International Equity Markets**

#### Market Commentary

The non-U.S. equity market continued a trend of outperformance versus U.S. equities over the last three years. Japan continued to experience a revival in market sentiment (MSCI Japan +25.52% USD for 2005) as economic and political restructuring encouraged investors. The MSCI All Country World ex U.S. index returned 30.06% in local terms, but the strengthening U.S. dollar reduced that to 17.11% in USD. This pattern repeated itself across different geographies with U.S. dollar returns in Europe substantially lower than when measured in local currency. Emerging market currencies however lost little against the dollar, and equity returns in these markets held onto most of their significant local gains, continuing strong recent performance.

**Ouarterly Returns in USD** Austria 0.4 Austria Belgium 1.2 Belgium Denmark 0.8 Denmark Finland 1.4 Finland France 9.0 France 0.6 Germany 6.7 Germany Greece 0.6 Greece Ireland 0.8 Ireland 3.8 Italy -0.3 Italy Netherlands 3.7 Netherlands Norway 0.7 Norway Portugal 0.3 Portugal Spain 3.7 -2.6 Spain Sweden 2.4 2.5 Sweden Switzerland 6.9 Swit zerland UK 24.1 0.2 UK **Total Europe** 66.5 Total Europe 2.0 Australia 5.2 -0.7 Australia Hong Kong 1.6 -3.0 Hong Kong 25.7 11.9 Japan Japan New Zealand 0.2 New Zealand -3.8 Singapore 0.8 Singapore 4.3 Total Pacific **Total Pacific** 33.5

**MSCI EAFE Index** 

0.0

**Other Countries** 

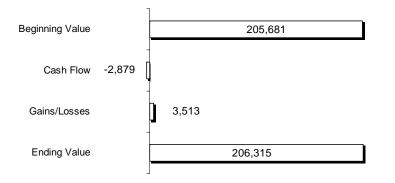
## **Total Fund Results**

#### **Investment Performance**



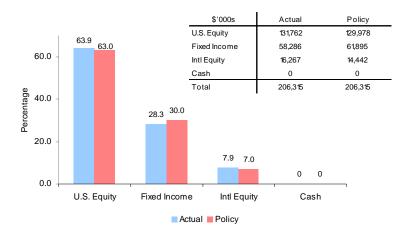
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## The University of Iowa Endowment

#### Asset Allocation vs. Policy

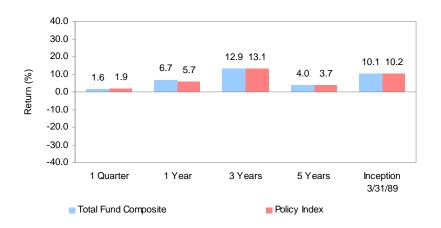


- The University of Iowa Endowment assets totaled \$206.3 million at the close of the fourth quarter.
- During the quarter, investment gains totaled \$3.5 million.
- Total contributions totaled \$249,000.
- Total distributions and fees totaled \$3.1 million.
- The Endowment fund returned 1.60% for the fourth quarter, underperforming the benchmark by 0.26%.

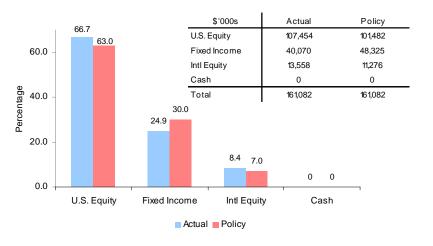
## **Total Fund Results**

Iowa State University Endowment

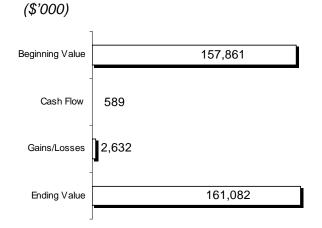
#### **Investment Performance**



#### Asset Allocation vs. Policy



### **Quarter Results**



- The Iowa State Endowment assets totaled \$161.1 million at the close of the fourth quarter.
- During the quarter, investment gains totaled \$2.6 million.
- Total contributions were \$791,000.
- Total fees and distributions were \$202,000.
- The Endowment fund returned 1.55% for the fourth quarter, underperforming the benchmark by 0.31%.

## **Total Fund Results**

## University of Iowa

	\$'000	Qtr %	1 Yr %	3 Yrs %	5 Yrs %	Inception %
Domestic Equity Composite (3/31/89)	131,762	1.8	7.6	15.6	1.0	11.5
Wilshire 5000		2.2	6.4	16.4	2.1	11.3
Fixed Income Composite (3/31/89)	58,286	0.5	2.2	3.5	5.4	7.6
Custom Policy*		0.6	2.4	3.6	5.9	7.8
Int'l Equity Composite (9/30/94)	16,267	4.8	13.6	25.3	10.3	7.2
MSCI EAFE (N)		4.1	13.5	23.7	4.6	6.1
<b>Total Endowment (3/31/89)</b> Policy Index**	206,315	<b>1.6</b> 1.9	<b>6.4</b> 5.7	<b>12.7</b> 13.1	<b>3.3</b> 3.7	<b>10.0</b> <i>10.2</i>

#### \* 6/94 -- 6/01 100% Lehman Govt / Credit 9/01 -- Present 100% Lehman Aggregate

 \*\*\*
 6/89 -- 6/99
 60% S&P 500
 30% Lehman Govt / Credit
 10% MSCI EAFE (n)

 9/99 -- 6/01
 63% S&P 500
 30% Lehman Govt / Credit
 7% MSCI EAFE (n)

 9/01 -- 3/02
 63% S&P 500
 30% Lehman Aggregate
 7% MSCI EAFE (n)

 3/02 -- Present
 63% Wilshire 5000
 30% Lehman Aggregate 7% MSCI EAFE (n)

#### Iowa State

	\$'000	Qtr %	1 Yr %	3 Yrs %	5 Yrs %	Inception %
Domestic Equity Composite (3/31/89)	107,454	1.7	7.9	15.7	0.6	11.3
Wilshire 5000		2.2	6.4	16.4	2.1	11.3
Fixed Composite (3/31/89)	40,070	0.4	2.2	3.5	5.4	7.0
Custom Policy*		0.6	2.4	3.6	5.9	7.8
Int'l Equity Composite (9/30/94)	13,558	4.8	13.6	24.7	9.4	6.9
MSCI EAFE (N)		4.1	13.5	23.7	4.6	6.1
<b>Total Endowment (3/31/89)</b> Policy Index**	161,082	<b>1.6</b> 1.9	<b>6.7</b> 5.7	<b>12.9</b> 13.1	<b>4.0</b> 3.7	<b>10.1</b> <i>10.2</i>

\* 6/94 -- 6/01 100% Lehman Govt / Credit 9/01 -- Present 100% Lehman Aggregate

 \*\*\*
 6/89 - 6/99
 60%
 S&P 500
 30%
 Lehman Govt / Credit
 10%
 MSCI EAFE (n)

 9/99 - 6/01
 63%
 S&P 500
 30%
 Lehman Govt / Credit
 7%
 MSCI EAFE (n)

 9/01 - 3/02
 63%
 S&P 500
 30%
 Lehman Aggregate
 7%
 MSCI EAFE (n)

 3/02 - Present
 63%
 Wilshire
 5000
 30%
 Lehman Aggregate
 7%
 MSCI EAFE (n)

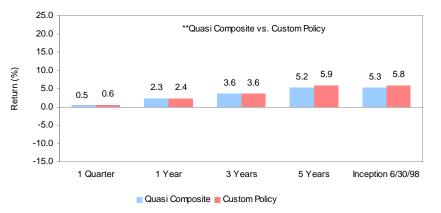
### Board of Regents, State of Iowa

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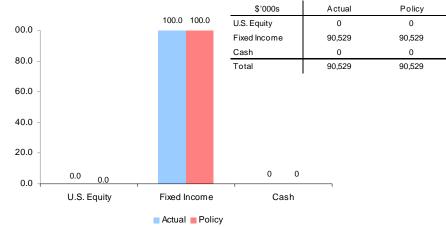
## **Total Fund Results**

#### **Investment Performance**

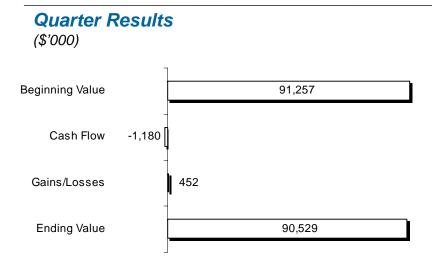


### **University of Iowa Quasi-Endowment**

#### **Asset Allocation**



\* 6/94 -- 6/01 100% Lehman Govt / Credit 9/01 -- Present 100% Lehman Aggregate



- The Quasi Endowment portfolio returned 0.46% during the fourth quarter, underperforming the benchmark by 0.13%.
- The Quasi total fund has total assets of \$90.5 million.
- Total contributions were \$85,000.
- Total distributions and fees totaled \$1.27 million.
- The Quasi fund had investment gain of \$452,000.



## **Quasi Endowment Review**

	\$'000	Investment Fee \$'000	Comp %	Qtr %	1 Yr %	3 Yrs %	5 Yrs %	Inception %
Dodge & Cox (3/31/04)	45,403	51	50.2%					
Gross of Fee Return				0.7	2.4			2.6
Net of Fee Return				0.6	2.0			2.2
Lehman Aggregate				0.6	2.4			2.3
Reams Asset Management Quasi (9/30/01)	45,126	34	49.8%					
Gross of Fee Return				0.4	2.8	4.1		4.7
Net of Fee Return				0.4	2.5	3.8		4.4
Lehman Aggregate				0.6	2.4	3.6		4.9
Quasi Composite (6/30/98)	90,529	85	100%	0.5	2.3	3.6	5.2	5.3
Custom Policy**				0.6	2.4	3.6	5.9	5.8

\*\* 9/98 -- 6/01 100% Lehman Govt / Credit

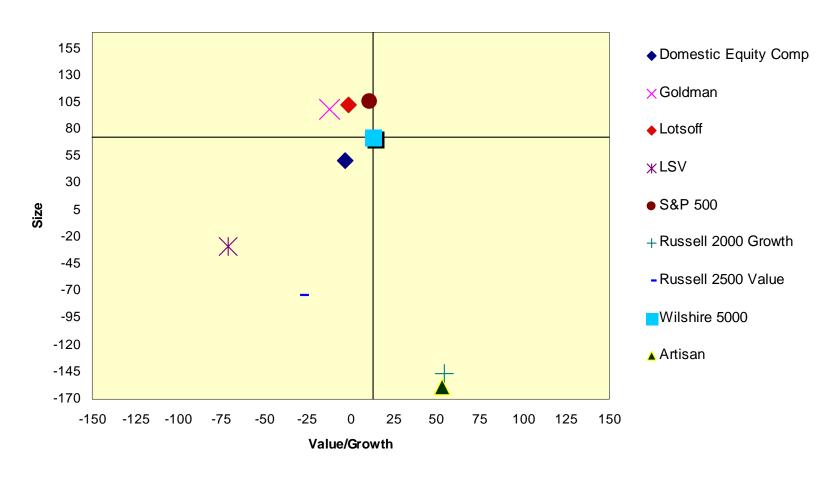
9/01 -- Present 100% Lehman Aggregate

## **Domestic Equity Composite Review**

### Manager Returns – University of Iowa

University of Iowa	\$'000	Investment Fee \$'000	Comp %	Qtr %	1 Year %	3 Years	5 Years %	Inception %
Goldman Sachs Large Cap (3/31/05)	51,705	54	39.2%					
Gross of Fee Return	51,705	54	39.270	3.1				10.2
Net of Fee Return				3.0				9.8
S&P 500				2.1				7.2
Lotsoff Large Cap Equity (3/31/05)	52,069	46	39.5%					
Gross of Fee Return				1.9				9.7
Net of Fee Return				1.8				9.5
S&P 500				2.1				7.2
LSV Asset Mgm't (6/30/02)	11.898	21	9.0%					
Gross of Fee Return				-0.4	7.3	21.4		13.1
Net of Fee Return				-0.5	6.5	20.6		12.4
Russell 2500 Value				0.9	7.7	23.8		15.1
Artisan Small Cap Growth (3/31/05)	16,090	40	12%					
Gross of Fee Return				0.1				13.0
Net of Fee Return				-0.1				12.3
Russell 2000 Growth				1.6				11.8
<b>Domestic Equity Composite (3/31/89)</b> <i>Wilshire 5000</i>	131,762	160	100%	<b>1.8</b> 2.2	<b>7.6</b> 6.4	<b>15.6</b> <i>16.4</i>	<b>1.0</b> 2.1	<b>11.5</b> 11.3

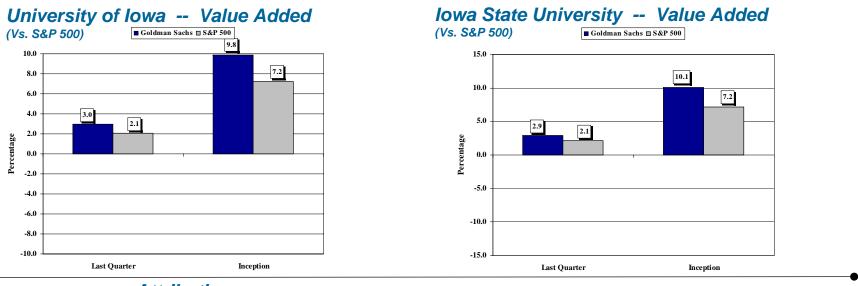
	Iowa State University	\$'000	Investment Fee \$'000	Comp %	Qtr %	1 Year %	3 Years %	5 Years %	Inception %
Manager	Goldman Sachs Large Cap (3/31/05) Gross of Fee Retum Net of Fee Retum S&P 500	40,966	43	38.1%	3.0 2.9 2.1				10.4 10.1 7.2
Returns – Iowa State University	Lotsoff Large Cap Equity (3/31/05) Gross of Fee Return Net of Fee Return S&P 500	40,503	35	37.7%	1.9 1.8 2.1				9.7 9.4 7.2
	LSV Asset Mgm't (6/30/02) Gross of Fee Return Net of Fee Return <i>Russell 2500 Value</i> Artisan Small Cap Growth (3/31/05) Gross of Fee Return	8,866 17,119	16 43	8.3%	-0.9 -1.1 0.9	8.1 7.3 7.7	21.9 21.1 23.8		13.5 12.8 <i>15.1</i> 12.8
	Net of Fee Return Russell 2000 Growth Domestic Equity Composite (3/31/89) Wilshire 5000	107,454	137	100.0%	-0.2 1.6 <b>1.7</b> 2.2	 7.9 6.4	 15.7 16.4	<b>0.6</b> 2.1	12.2 11.8 <b>11.3</b> 11.3



Style Map



## **Domestic Equity Review – Goldman Sachs**



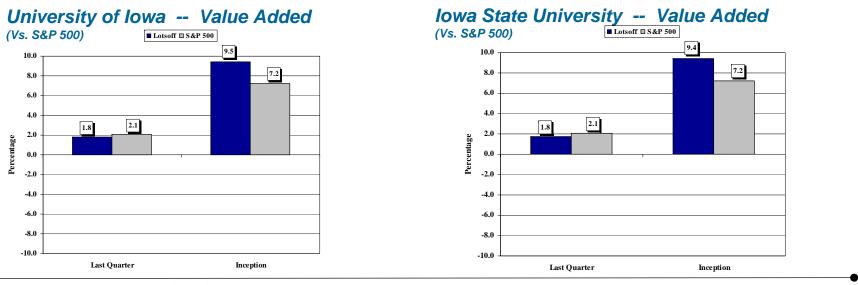
#### **Attribution**

- Stock selection within the financials, information technology, and consumer discretionary sectors contributed to Goldman's outperformance for the quarter.
- Stock selection within industrials and materials also had a positive impact on performance.
- Stock selection within the consumer staples and health care sectors had a negative impact on performance for the quarter.

- **Style:** Large Capitalization Core Equity
- Construction Process: Optimization
- **Investment Philosophy:** Enhanced Index
- Selection Method: Quantitative valuation



## **Domestic Equity Review – Lotsoff**



#### **Attribution**

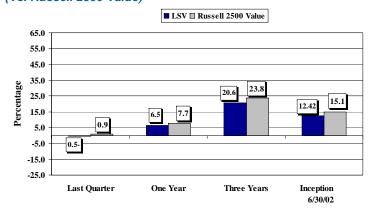
- Stock selection within the industrials, energy, and materials sectors were the main contributors to Lotsoff's underperformance for the quarter.
- Stock selection within the information technology, consumer discretionary, and consumer staples sectors contributed positively for the quarter.
- An underweight position within the utilities sector helped performance, however, an underweight within the financials sector eliminated some of the outperformance.

- **Style:** Large Capitalization Core Equity
- **Construction Process:** Optimization
- Investment Philosophy: Active Bottom Up
- Selection Method: Quantitative valuation

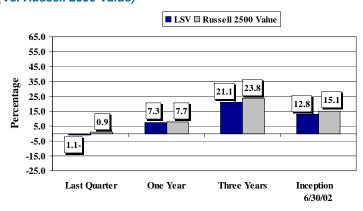


## **Domestic Equity Review -- LSV Asset Management**

#### University of Iowa -- Value Added (Vs. Russell 2500 Value)



#### Iowa State University -- Value Added (Vs. Russell 2500 Value)



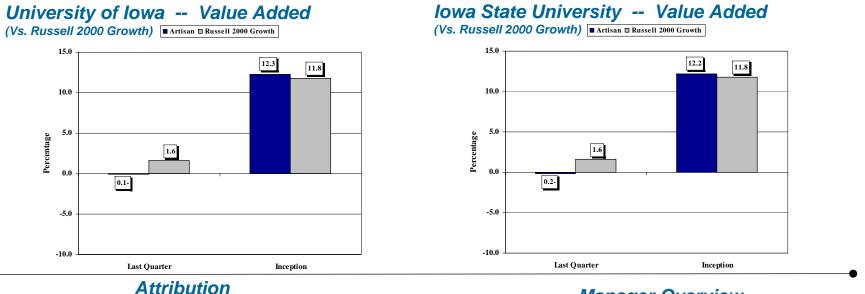
#### **Attribution**

- Stock selection within the materials and energy sectors were the main contributors to LSV's underperformance for the quarter.
- An underweighting to financials and an overweighting to energy also detracted from performance.
- Stock selection within the information technology and health care sectors had a negative impact on performance.

- **Style:** Mid Capitalization Value Equity
- Construction Process: Optimization
- Investment Philosophy: Active Bottom up
- Selection Method: Quantitative valuation



## **Domestic Equity Review -- Artisan**



- Stock selection within the information technology, health care, and industrials sectors were the main contributors to Artisan's underperformance for the quarter.
- An underweight to the energy sector was a positive contributor to performance.
- Stock selection within the consumer discretionary and financials sectors also had a positive impact on performance.

- **Style:** Small Capitalization Growth Equity
- **Construction Process:** Optimization ٠
- Investment Philosophy: Active Bottom up ٠
- Selection Method: Fundamental valuation ٠



## **International Equity Composite Review**

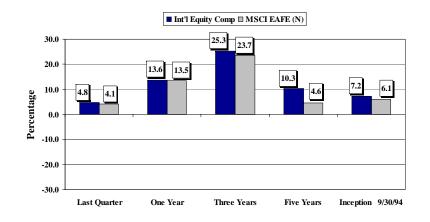
#### University of Iowa -- Manager Returns

University of Iowa	\$'000	Investment Fee \$'000	Qtr %	1 Yr %	3 Yrs %	5 Yrs %	Inception %
Grantham, Mayo, Van Otterloo Foreign Fund (3/31/04)	16,267	33					
Gross of Fee Return			5.0	14.5			18.0
Net of Fee Return			4.8	13.6			17.2
MSCI EAFE Index (N)			4.1	13.5			16.6
Int'l Equity Composite (9/30/94)	16,267	33	4.8	13.6	25.3	10.3	7.2
MSCI EAFE Index (N)			4.1	13.5	23.7	4.6	6.1

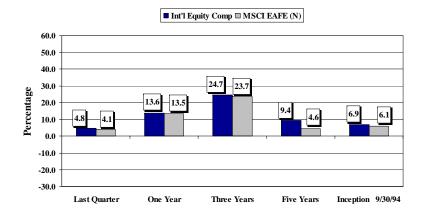
### Iowa State University -- Manager Returns

Iowa State University	\$'000	Investment Fee \$'000	Qtr %	1 Yr %	3 Yrs %	5 Yrs %	Inception %
Grantham, Mayo, Van Otterloo Foreign Fund (3/31/04)	13,558	28					
Gross of Fee Return			5.0	14.5			18.0
Net of Fee Return			4.8	13.6			17.2
MSCI EAFE Index (N)			4.1	13.5			16.6
Int'l Equity Composite (9/30/94) MSCI EAFE Index (N)	13,558	28	<b>4.8</b> 4.1	<b>13.6</b> 13.5	<b>24.7</b> 23.7	<b>9.4</b> 4.6	<b>6.9</b> 6.1

#### University of Iowa -- Value Added (Vs. MSCI EAFE (N))

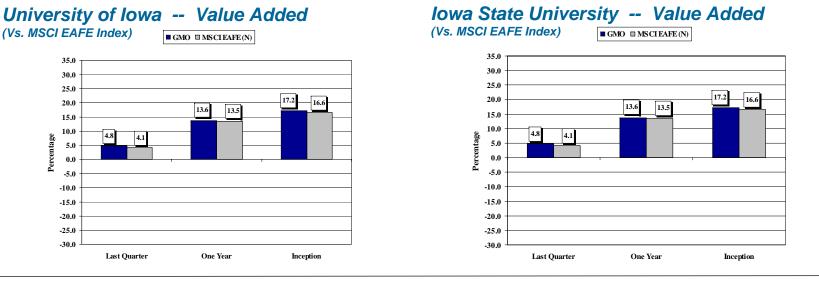


#### **Iowa State University -- Value Added** (Vs. MSCI EAFE (N))





## **International Equity Review -- GMO**



**Attribution** 

- GMO outperformed the benchmark by 0.69% in the fourth quarter.
- Stock selection and sector weighting in the United Kingdom and an overweight to Japan were the primary contributors to the outperformance.
- Sector weighting within Germany detracted from performance for the quarter.

- Style: International Value Equity
- **Construction Process:** Valuation measures
- Investment Philosophy: Active Bottom up
- Selection Method: Fundamental Earnings Forecast



## **Fixed Income Composite Review**

University of Iowa	\$'000	Investment Fee \$'000	Comp %	Qtr %	1 Yr %	3 Yrs %	5 Yrs %	Inception %
$D_{2} d_{2} = \frac{1}{2} C_{2} = \frac{1}{2} C_{2} = \frac{1}{2} C_{2} = \frac{1}{2} \frac{1}{2$	28.000	33	49.7%					
Dodge & Cox Income Fund $(3/31/04)$	28,966	33	49.7%	0.7	2.4			2.4
Gross of Fee Return				0.7	2.4			2.6
Net of Fee Return				0.6	2.0			2.2
Lehman Aggregate				0.6	2.4			2.3
Reams Asset Mgm't (6/30/02)	29,320	22	50.3%					
Gross of Fee Return				0.4	2.8	4.0		4.2
Net of Fee Return				0.4	2.5	3.7		3.9
Lehman Aggregate				0.6	2.4	3.6		3.8
Fixed Income Composite (3/31/89)	58,286	54	100%	0.5	2.2	3.5	5.4	7.6
Custom Policy**				0.6	2.4	3.6	5.9	7.8

<sup>\*\* 6/94 -- 6/01 100%</sup> Lehman Govt / Credit

9/01 -- Present 100% Lehman Aggregate

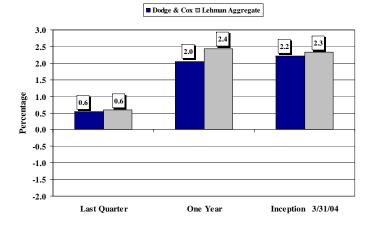
Iowa State University	\$'000	Investment Fee \$'000	Comp %	Qtr %	1 Yr %	3 Yrs %	5 Yrs %	Inception %
Dodge & Cox Income Fund (3/31/04)	20,269	23	50.6%					
Gross of Fee Return				0.7	2.5			2.6
Net of Fee Return				0.6	2.0			2.2
Lehman Aggregate				0.6	2.4			2.3
Reams Asset Mgm't (6/30/02)	19,801	15	49.4%					
Gross of Fee Return				0.3	2.6	4.0		4.2
Net of Fee Return				0.2	2.3	3.7		3.9
Lehman Aggregate				0.6	2.4	3.6		3.8
Fixed Income Composite (3/31/89)	40,070	38	100%	0.4	2.2	3.5	5.4	7.0
Custom Policy**				0.6	2.4	3.6	5.9	7.8

Board of Regents, State of Iowa Wilshire Consulting Group • Executive Summary of Investment Performance • Fourth Quarter 2005 \*\* 6/94 -- 6/01 100% Lehman Govt / Credit



## **Fixed Income Review – Dodge & Cox**

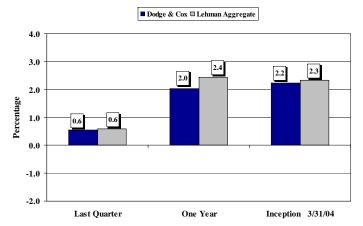
#### University of Iowa -- Value Added (Vs. Lehman Aggregate)



#### **Attribution**

- Dodge & Cox underperformed the benchmark by 0.04% in the fourth quarter.
- The quality of bonds within the portfolio is AA, matching the Lehman Aggregate's average quality.
- The portfolio has a duration of 3.67 years, versus the Lehman Aggregate's duration of 4.57 years.

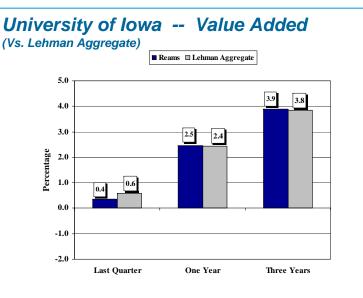
#### Iowa State University -- Value Added (Vs. Lehman Aggregate)



- Style: Market Core
- **Construction Process:** Build Portfolios with Higher Yield than Market Portfolio
- Investment Philosophy: Active Bottom up
- Selection Method: Quantitative and Qualitative valuation



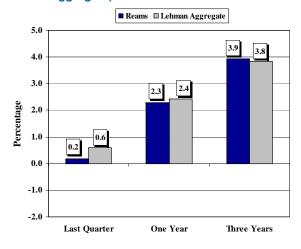
## **Fixed Income Review -- Reams Asset Management**



#### **Attribution**

- Reams underperformed the benchmark by 0.24% in the fourth quarter.
- The average quality of bonds within the portfolio is AAA, versus the Lehman Aggregate's average quality of AA.
- The portfolio has a duration of 4.30 years, versus the Lehman Aggregate's duration of 4.57 years.

#### **Iowa State University** -- Value Added (Vs. Lehman Aggregate)



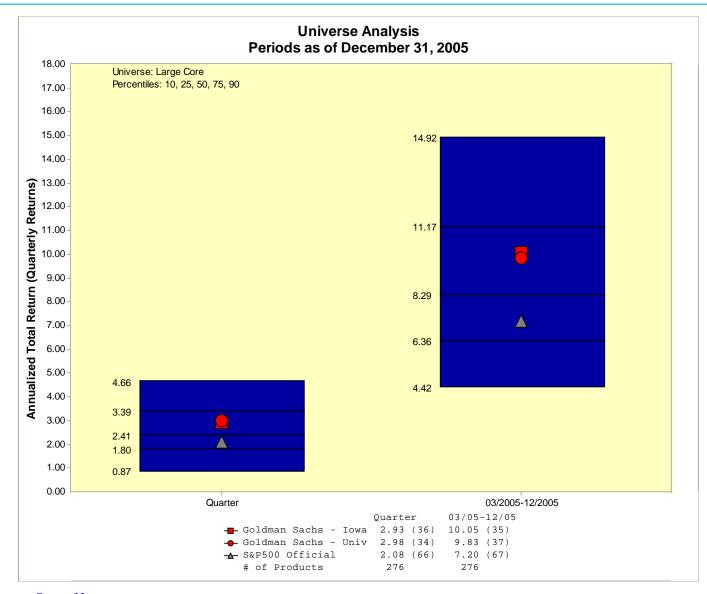
- Style: Market Core
- Construction Process: Optimization
- Investment Philosophy: Active Bottom up
- Selection Method: Quantitative and Qualitative valuation



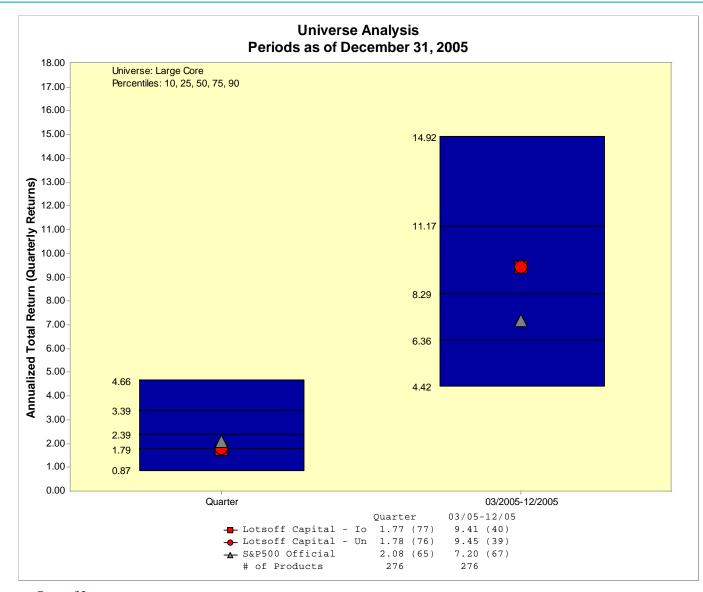
Manager Detail



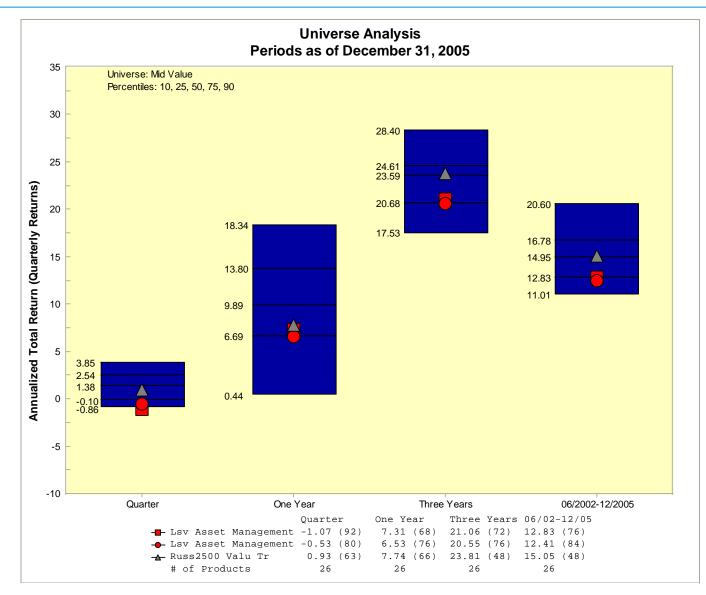
## **Domestic Equity Manager Detail – Goldman Sachs**



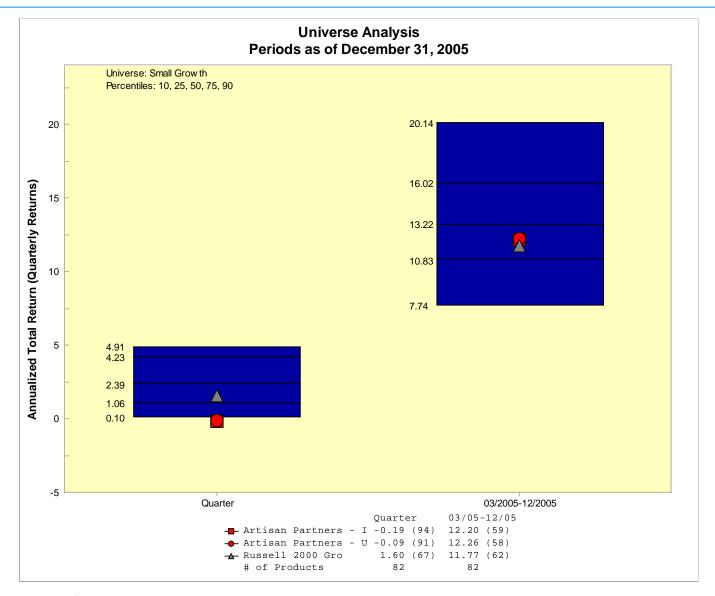
## **Domestic Equity Manager Detail – Lotsoff**



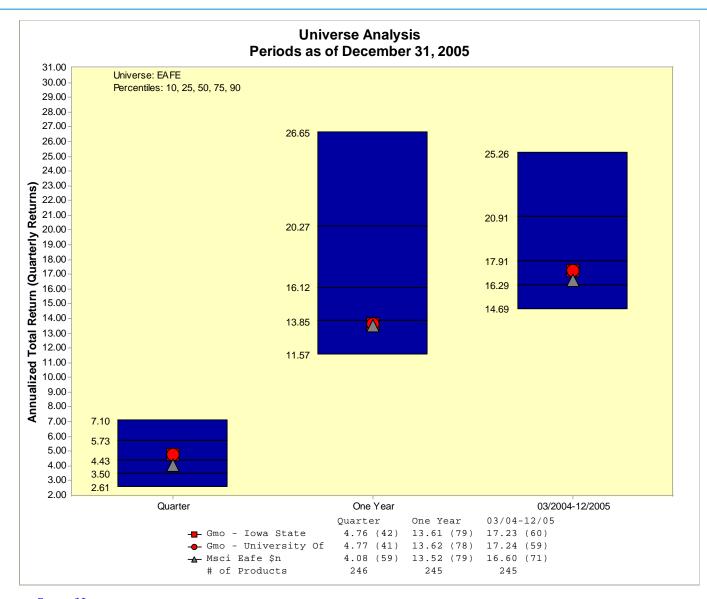
## **Domestic Equity Manager Detail - LSV Asset Management**



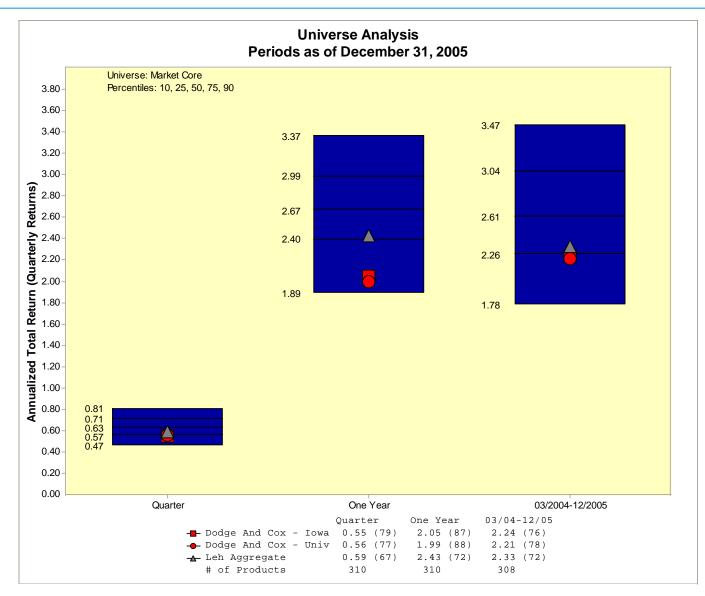
## **Domestic Equity Manager Detail - Artisan**



## **International Equity Manager Detail - GMO**



## **Fixed Income Manager Detail – Dodge & Cox**



## **Fixed Income Manager Detail – Reams Asset Management**

