

## LASERS' External Investment Managers

(information as of June 30, 2009)

Domestic Equity Managers	Style	Contract Expiration	Mkt Val \$ (Million)
Wells Capital Management	Large Cap Growth	08/24/13	\$ 153.7
Aronson Johnson Ortiz	Large Cap Value	05/14/12	\$ 153.0
LASERS Internal Management	S&P 500 Index Fund		\$ 875.4
LASERS Internal Management	S&P 400 Index Fund		\$ 248.5
LASERS Internal Management	S&P 600 Index Fund		\$ 182.9
Smith Asset Management	Small Cap Growth	10/31/10	\$ 77.2
Rice Hall James	Small Cap Growth	10/31/10	\$ 101.2
Brandywine Asset Management	Small Cap Value	08/31/11	\$ 50.3
Thomson, Horstmann & Bryant	Small Cap Value	09/30/11	\$ 55.9
LSV Asset Management	Small Cap Value	08/31/11	\$ 54.4

### International Equity Managers

Mondrian Investment Partners	Int'l Large Cap Value	03/31/11	\$ 252.6
Acadian Asset Management	Int'l Large Cap Value	03/08/11	\$ 205.5
LASERS Internal Management	MSCI World Ex-US Growth		\$ 482.6
LASERS Internal Management	Terror-Free International Fund		\$ 20.8
Capital Guardian	International Small Cap	06/08/13	\$ 122.4
Rexiter Capital Management	Emerging Markets	09/21/09	\$ 349.6

### Domestic Fixed Income Managers

Loomis Sayles	Investment Grade	12/31/09	\$ 165.1
Orleans Capital	Investment Grade	12/31/09	\$ 122.2
Trust Company of the West	Mortgages	12/31/09	\$ 268.8
TCW Opportunistic	Mortgages	05/13/13	\$ 182.1
J.P. Morgan	High Yield Bonds	06/30/12	\$ 315.8
Nomura	High Yield Bonds	06/30/12	\$ 307.5

### Global Fixed Income Manager

Mondrian Investment Partners	Global Fixed Income	09/30/14	\$ 332.7
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### Hedge Funds

PAAMCO	Fund of Funds	Open	\$ 181.1
GAM	Fund of Funds	Open	\$ 81.9
Bridgewater Associates- Pure Alpha	Multi- Strat	Open	\$ 155.5
Bridgewater Associates- All Weather	Multi- Strat	Open	\$ 272.0
Stark Investments	Multi- Strat	Open	\$ 73.3
K2 Advisors	Fund of Funds	Open	\$ 207.3

### Alternative Assets

Adams Street 2005 Non-US	International Private Equity	12/31/15	\$ 8.5
Adams Street Partners 2002	Domestic Private Equity	12/31/14	\$ 10.8
Adams Street Partners 2005	Domestic Private Equity	12/31/15	\$ 19.1
Adams Street 2007 US Fund	Domestic Private Equity	12/27/18	\$ 9.6
Adams Street 2007 Non-US Fund	International Private Equity	12/27/18	\$ 3.7
Adams Street 2007 Direct	Domestic Private Equity	12/27/18	\$ 3.2
Adams Street 2009 US Fund	Domestic Private Equity	12/31/20	\$ 0.7
Adams Street 2009 Non-US Developing	International Private Equity	12/31/20	\$ 0.1
Adams Street 2009 Non-US Emerging	International Private Equity	12/31/20	\$ 0.0
Adams Street 2009 Direct	Domestic Private Equity	12/31/20	\$ 0.6
Brinson	Domestic Private Equity	12/31/12	\$ 70.4
Adams Street V	Domestic Private Equity	08/08/13	\$ 10.4
Apollo Inv Fund VII	International Private Equity	02/08/20	\$ 7.7
Brinson Secondary	Domestic Private Equity	12/31/13	\$ 0.1
Energy Spectrum Fund V	Domestic Private Equity	04/28/17	\$ 13.6
Erasmus	Domestic Private Equity	11/12/13	\$ 40.5
Erasmus II	Domestic Private Equity	06/30/18	\$ 56.7
Goldman Sachs PEP IX	Global Private Equity	12/31/16	\$ 23.5
John Hancock	Domestic Private Equity	Open	\$ 1.4
HIPEP III - Direct	International Private Equity	12/31/09	\$ 1.0
HIPEP III - Partnership	International Private Equity	12/31/11	\$ 19.1
HarbourVest VI - Buyout	Domestic Private Equity	06/30/13	\$ 12.7
HarbourVest VI - Direct	Domestic Private Equity	06/30/09	\$ 6.5
HarbourVest VI - Partnership	Domestic Private Equity	06/30/13	\$ 80.4
HIPEP Direct IV	International Private Equity	12/31/10	\$ 3.5
HIPEP Partnership IV	International Private Equity	12/31/14	\$ 20.1
Huff Alternative Fund	Domestic Private Equity	01/11/11	\$ 17.4
Mesirow III	Domestic Private Equity	04/06/17	\$ 10.3
Mesirow IV	Domestic Private Equity	11/14/18	\$ 8.9
Mesirow V	Domestic Private Equity	10/31/20	\$ 2.8
Pantheon Europe VI	International Private Equity	09/30/21	\$ 6.4
Pantheon VI	Domestic Private Equity	07/12/17	\$ 29.3
Pantheon VII	Domestic Private Equity	04/28/19	\$ 11.7
Parish Capital II	Domestic Private Equity	01/19/20	\$ 20.5
Pathway Capital Management	Domestic Private Equity	Open	\$ 0.4
Quellos II	Domestic Private Equity	07/12/17	\$ 28.2
Quellos III	Domestic Private Equity	11/28/18	\$ 15.1
Siguler GUFF DOF III	Domestic Private Equity	12/31/19	\$ 83.1
TCW Energy Fund XIV	Domestic Private Equity	11/06/17	\$ 26.4
Williams Capital	Domestic Private Equity	01/09/14	\$ 18.4