

GuideStone Medium-Duration Bond Fund

4th Quarter 2009

As of 12/31/2009

GuideStone®
Funds

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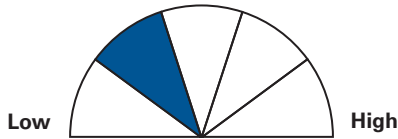
Share Class: GS2

NASDAQ Ticker Symbol: GMDYX

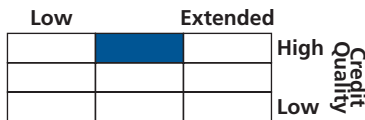
CUSIP Number: 40171W710

Inception Date: 8/27/2001

Potential Risk / Reward



Fixed Income Investment Approach
Duration



Investment Objective: The fund seeks maximum total return consistent with preservation of capital.

Investment Strategy: The fund is actively managed and invests in a diversified portfolio composed primarily of investment grade fixed income securities with an average dollar-weighted duration between three to seven years.

Investment Suitability: This fund may be suitable for investors who have a short- to medium-term investment horizon, seek higher returns than those offered by a shorter maturity bond fund, can accept some short-term fluctuations in account value and want to diversify their portfolio with a fixed income investment option.

Fund Size (\$ in millions)

Total Fund Net Assets for All Share Classes	\$1,009
Number of Holdings	1,418

Asset Allocation

U.S. Equities	0%
Non-U.S. Equities	0%
Fixed Income*	100%

*Includes cash and cash equivalents

Sub-Adviser Composite

Goldman Sachs Asset Management	25%
PIMCO	39%
Western Asset Management	36%

Benchmark

Barclays Capital Aggregate Bond Index	100%
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PERFORMANCE¹

	Three Month	Year to Date	One Year	Three Year (Annualized)	Five Year (Annualized)	Since Inception (Annualized)	Inception Date
Fund	1.22%	17.07%	17.07%	6.31%	5.18%	5.76%	8/27/2001
Benchmark	0.20%	5.93%	5.93%	6.04%	4.97%	5.41%	8/27/2001

ANNUAL PERFORMANCE¹

	2001	2002	2003	2004	2005	2006	2007	2008
Fund	0.89%	9.25%	6.80%	5.34%	2.62%	4.38%	6.77%	-3.88%
Benchmark	1.77%	10.26%	4.10%	4.34%	2.43%	4.33%	6.97%	5.24%

The performance data quoted represents past performance and does not guarantee future results. Current performance may be lower or higher. Performance data current to the most recent month-end may be obtained at www.GuideStoneFunds.org. The investment return and principal value of an investment will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Year 2001 annual performance began 8/27/2001.

FEES AND EXPENSES (annualized)

	Gross Expense Ratio	Net Expense Ratio*
Annual Operating Expenses	0.49%	0.48%

* Reflects fee waivers and expense reimbursements by the investment advisor. This waiver and reimbursement arrangement, if not extended, will end on April 30, 2010.

COMPARATIVE RATINGS AND RANKINGS^{2,3}

Lipper Ranking based upon total return as of 12/31/2009	
Category: Intermediate Investment Grade Debt	
1st Quartile	109 of 549 for one year
2nd Quartile	120 of 458 for three years
1st Quartile	73 of 396 for five years



Morningstar Rating based upon risk-adjusted return as of 12/31/2009	
Category: Intermediate-Term Bond	
★★★★(Four Stars)	Overall rating among 978 funds in the category
★★★★(Four Stars)	Three year rating among 978 funds in the category
★★★★(Four Stars)	Five year rating among 866 funds in the category



PORTFOLIO CHARACTERISTICS⁴

Characteristics		Credit Ratings	
Weighted Avg Maturity	6.4 years	AAA/Govt	61.1%
Effective Duration	4.6 years	AA	8.2%
Avg Quality	A	A	12.6%
SEC 30-Day Yield	3.38%	BBB	7.1%
SEC 30-Day Yield (Gross)	3.34%	BB	3.4%
		B	2.4%
		Lower than B	5.2%

Risk/Return Characteristics**

Standard Deviation	5.66%
R-Squared	62.61%
Beta vs. Benchmark	1.15
Beta vs. Barclays Capital Aggregate Bond Index	1.15

**All measures over a 5 year period.

Fixed Income Holdings***

Treasury/Agency	45.0%
Mortgage-Backed	17.3%
Asset-Backed	0.3%
Corporate	26.2%
Yankee	0.0%
Non-U.S.	3.8%
Other	2.4%
Cash and Cash Equivalents	5.0%

*** Duration weighted

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FUND COMMENTARY

- The fund is primarily comprised of investment grade fixed income securities.
- The fund outperformed its benchmark index, the Barclays Capital Aggregate Bond Index, during the fourth quarter.
- The fund's benchmark-relative performance was positively impacted by the sub-advisers' allocations to the non-Treasury sectors of the Aggregate Index as these components continued to outperform Treasuries during the period.
- Goldman Sachs generated the best sub-adviser performance for the period and benefited from allocations to non-Treasury sectors.

ABOUT GUIDESTONE FUNDS

GuideStone Funds is a family of Christian-based, socially screened mutual funds for individual and institutional investors. With \$8.4 billion in assets under management (as of 12/31/2009), GuideStone Funds is the largest Christian-based registered mutual fund company. GuideStone Funds utilizes a "multi-manager" investment approach which provides access to multiple, proven investment management firms within a single investment fund. These firms are carefully selected based on a rigorous process utilizing both qualitative and quantitative analysis.

You should carefully consider the investment objectives, risks, charges and expenses of GuideStone Funds before investing. For a copy of the prospectus with this and other information about the funds, please call 1-888-98-GUIDE (1-888-984-8433) or visit www.GuideStoneFunds.org to view or download a prospectus. You should read the prospectus carefully before investing.

GuideStone Funds shares are distributed by PFFC Distributors, Inc., a registered broker-dealer and underwriter of the funds, 760 Moore Road, King of Prussia, PA 19406. GuideStone Capital Management, Inc., an affiliate of the GuideStone Financial Resources, provides investment advisory services for the funds.

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¹ The performance quoted reflects fee waivers in effect, and would have been lower in their absence. All figures shown represent total return, except for those identified as yield. Total return is based on net change in NAV with reinvestment of all distributions. Returns for periods less than one year are aggregate and for periods greater than one year are annualized. Unlike a mutual fund, the performance of an index assumes no taxes, transaction costs, management fees or other expenses.

² The Lipper Rankings are calculated by Lipper Inc., a Reuters Company, which is a nationally recognized organization that compares the performance of mutual funds within a universe of funds having similar investment objectives. Rankings are based on total return performance: with capital gains and dividends reinvested, with annual operating expenses deducted, but without including front- or back-end sales charges.

Past rankings are no guarantee of future rankings. Rankings are relative to a peer group and do not necessarily mean that the fund had high total returns. Visit www.GuideStoneFunds.org for the latest month-end ranking and ratings.

³ For each fund with at least a three-year history, a Morningstar Rating is based on a Morningstar risk-adjusted return measure that accounts for variation in a fund's monthly historical performance (reflecting sales charges and redemption fees), placing more emphasis on downward variations and rewarding consistent performance. Within each asset class, the top 10%, the next 22.5%, 35%, 22.5%, and the bottom 10% receive 5, 4, 3, 2 or 1 star, respectively. Each fund is rated exclusively against U.S. domiciled funds. The Overall Morningstar Rating™ is based on the weighted average of the number of stars assigned to the fund's applicable time periods. The 5-yr. rating accounts for 60% and the 3-yr. rating for 40%.

⁴ Portfolio composition subject to change at any time.

Standard deviation — A statistical measurement of distribution around an average, which depicts how widely returns varied over a certain period of time. Investors use the standard deviation of historical performance to try to predict the most likely range of returns. When a fund has a high standard deviation, the predicted range of performance is wide, implying greater volatility.

R-squared — Shows the percentage of a fund's performance that is explained by movement in the benchmark index. This shows the correlation between the fund and its benchmark. An R-squared of 100% indicates that all movements of a fund can be explained by movements in the benchmark. A low R-squared indicates that very few of the fund's movements can be explained by movements in its benchmark. An R-squared measure of 50%, for example, means that only 50% of the fund's movements can be explained by movements in the benchmark index.

Beta vs. Benchmark — Beta is a measure of a fund's sensitivity to market movements as defined by the fund's benchmark. A fund with a higher beta relative to the benchmark is more volatile than the benchmark, and a fund with a lower beta relative to the benchmark can be expected to rise and fall more slowly than the benchmark.

Beta vs. Barclays Capital Aggregate Bond Index — Beta is a measure of a fund's sensitivity to market movements as defined by the Barclays Capital Aggregate Bond Index ("Index"). A fund with a higher beta relative to the Index is more volatile than the Index, and a fund with a lower beta relative to the Index can be expected to rise and fall more slowly than the Index.