## Objective

The strategy draws on the credit analysis and trading strengths of the NIS Fixed Income team. The strategy's objective is to generate consistent returns with minimal duration risk. Our goal is to have positive returns more than $85 \%$ of the time on a monthly basis. We expect to have volatility that is equal to or less than a traditional bond strategy. Excess returns will be generated by taking credit and convexity risk in corporate and municipal bonds as well as mortgages, CMBS and ABS debt securities. Short term trading profits and carry are the primary sources of return. Since interest carry is a primary contributor to return over time, it is anticipated that the long/short ratio will average 3 to 1 or less. Duration will average 1-2 years, with a typical range of $0-3$ years. Short positions will be predominantly used to manage duration risk, vary yield curve risk and lock in short term relative value trading opportunities. The strategy will normally be long spread duration and will utilize U.S. Treasury futures to hedge rate risk and cash to hedge spread risk

## Components of Return

## Sector Rotation

## Security Selection

## Yield Curve Arbitrage

Sector rotation is focused on relative value analysis, short and long term supply trends and annual calendar trading opportunities. Our goal is to take advantage of overall spread tightening and widening by actively investing in a broad array of fixed income investments.

Security selection emphasizes credit analysis with a relative value overlay and is the primary driver of returns.

Yield curve arbitrage is dominated by analysis of Federal Reserve activity and intermediate term economic trends.
$\underline{\text { Sector Distribution }}{ }^{(1)}$

|  | Absolute <br> Return | Bloomberg <br> Aggregate Index |
| :--- | :---: | :---: |
| Treasury | $0 \%$ | $42 \%$ |
| Agency | $1 \%$ | $2 \%$ |
| Mortgages | $30 \%$ | $27 \%$ |
| Agency CMBS | $0 \%$ | $0 \%$ |
| CMBS | $5 \%$ | $2 \%$ |
| Asset-Backed | $28 \%$ | $1 \%$ |
| Credit | $28 \%$ | $27 \%$ |
| Municipal | $2 \%$ | $1 \%$ |
| Cash | $6 \%$ | $0 \%$ |

Strategy Statistics

| Strategy Assets | $\$ 586.3$ Million |
| :--- | :---: |
| Long/Cash/Short Positions * | $94 \% / 6 \% / 0 \%$ |
| Yield to Maturity (\%) | 6.48 |
| Duration (in Years) | 2.20 |
| Average Quality | BB+ |
| Minimum Investment | \$1,000,000 |
| Liquidity | Redemptions permitted quarterly |
| with 30 days written notice |  |
| Management Fee: Annual Rate of $1.00 \%$, calculated monthly and paid to <br> the manager as of the last day of each quarter end |  |

Quality Distribution ${ }^{(2)}$

|  | Absolute <br> Return | Bloomberg <br> Aggregate Index |
| :--- | :---: | :---: |
| AAA | $10 \%$ | $4 \%$ |
| AA | $11 \%$ | $72 \%$ |
| A | $9 \%$ | $12 \%$ |
| BBB | $19 \%$ | $12 \%$ |
| BB | $14 \%$ | $0 \%$ |
| B | $12 \%$ | $0 \%$ |
| CCC | $7 \%$ | $0 \%$ |
| Below CCC | $2 \%$ | $0 \%$ |
| NR | $10 \%$ | $0 \%$ |
| Cash | $6 \%$ | $0 \%$ |

Portfolio Management Team

|  | Focus | Years at <br> NIS | Years of <br> Experience |
| :--- | :--- | ---: | :---: |
| Jason Berrie, CFA | CIO, Credit | 20 | 31 |
| Mark Anderson, CFA | Strategist/Preferred | 23 | 30 |
| James Kaplan, CFA | Lead PM-Structured | 14 | 41 |
| Barbara Schalla, CFA | Credit | 32 | 38 |
| Vincent Russo, CFA | Credit | 9 | 25 |
| Lesly Barnes | ABS | 16 | 21 |
| Stefan Martin | CMBS | 6 | 24 |
| Stephen Smitley | Municipal/Structured | 3 | 25 |
| Michael Fohr, CFA, CPA, JD | Co-PM High Yield | 7 | 11 |
| Thomas Price, CFA | Co-PM High Yield | 3 | 34 |
| John Veternick | Credit Analyst | 9 | 9 |
| Richard Tauber, CFA, CPA | Credit Analyst | 4 | 34 |

