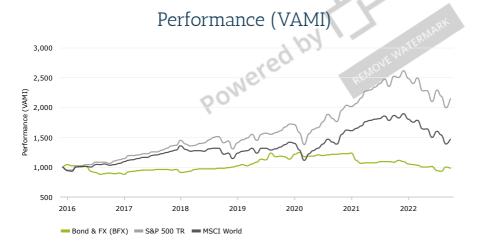
# Global Bayesian Dynamics, LLC (GBD)

### Bond & FX (BFX) Prop. QEP only

#### **Investment Strategy**

The BOND&FX program is a systematic global investment strategy. The program typically has low correlations to other active and passive investment programs because of its use of proprietary Bayesian formulation to forecasting, portfolio optimization and risk management. The program incorporates forecasting errors into its learning process and makes adjustments in the portfolio to adapt to structural changes occurring in the markets. It is designed to provide portable scalable alpha with superior risk-adjusted long-term returns. The portfolio takes positions in fixed income and currency futures.



### Monthly Returns



#### General Information

Company Global Bayesian Dynamics, LLC

(GBD)

Principal José Mario Quintana, Wei Wei,

Diana Wyant

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Performance Compiled by

#### General Information

Inception Date Jan 2016 Minimum 3,000,000 USD

Investment

Management Fee 0.75%
Performance Fee 20.00%
Highwater Mark Yes

Investment Only for Qualified Eligible

Restriction Persons

#### **Statistics**

| Sharpe Ratio               | 0.01  |
|----------------------------|-------|
| Sortino Ratio              | -0.05 |
| Sterling Ratio             | -0.29 |
| Standard Deviation Monthly | 2.97% |
| Downside Deviation         | 2.15% |
| Correlation vs S&P 500     | -0.13 |

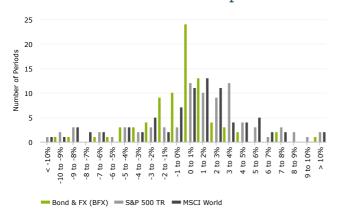
# Monthly Performance

|      | Jan   | Feb   | Mar   | Apr   | May  | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Year   |
|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|--------|
| 2022 | -3.78 | -1.02 | -0.92 | -3.03 | 0.06 | 0.70  | -6.55 | -1.30 | 7.56  | -2.37 |       |       | -10.70 |
| 2021 | 0.81  | -9.65 | -4.49 | 0.74  | 0.10 | 0.49  | 1.09  | 0.48  | -0.15 | -0.92 | 2.52  | -1.31 | -10.37 |
| 2020 | 7.07  | 2.68  | -5.39 | 0.67  | 0.02 | 1.57  | -1.31 | 1.47  | 0.85  | -0.25 | 0.63  | -0.13 | 7.70   |
| 2019 | 1.93  | 1.69  | -1.34 | 3.04  | 3.03 | 4.14  | -0.99 | 10.26 | -4.77 | 0.78  | -1.39 | -3.06 | 13.23  |
| 2018 | -4.92 | 0.12  | 2.01  | 2.64  | 1.69 | 0.02  | -0.64 | 0.10  | 0.76  | 0.35  | 1.20  | 0.93  | 4.14   |
| 2017 | -2.64 | 4.73  | 1.18  | 1.35  | 1.03 | 0.35  | 0.09  | 1.06  | -0.68 | 0.60  | -1.21 | 0.98  | 6.87   |
| 2016 | 3.58  | -1.31 | -0.81 | -1.38 | 1.17 | -8.39 | -2.62 | -2.41 | 1.18  | 0.65  | -0.83 | 0.84  | -10.32 |

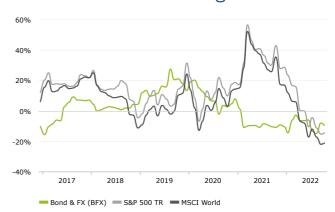
Returns are based on proforma adjustments to a proprietary account to reflect fees. Client accounts will be traded in like fashion.

There is a substantial risk of loss in trading commodity futures, equities, options and off-exchange foreign currency products. Past performance is not indicative of future results.

# Distribution of Monthly Returns



# 12 Month Rolling ROR



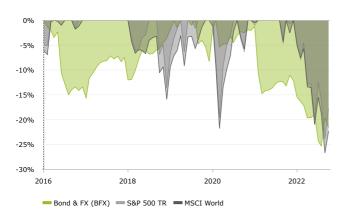
# Drawdown Report

| No. | Depth<br>(%) | Length<br>(Months) | Recovery<br>(Months) | Start<br>date | End date |
|-----|--------------|--------------------|----------------------|---------------|----------|
| 1   | -25.33%      | 30                 | 0                    | 03/2020       | -        |
| 2   | -15.70%      | 12                 | 27                   | 02/2016       | 04/2019  |
| 3   | -8.26%       | 4                  | 2                    | 09/2019       | 02/2020  |
| 4   | -0.99%       | 1                  | 1                    | 07/2019       | 08/2019  |
| 5   | -            | -                  | -                    | -             | -        |

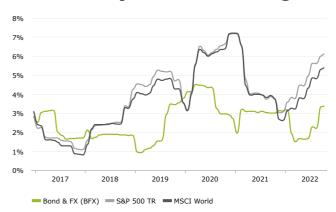
#### Return Report

| Period   | Best   | Worst   | Average | Median | Last    |
|----------|--------|---------|---------|--------|---------|
| 1 Month  | 10.26% | -9.65%  | 0.01%   | 0.35%  | -2.37%  |
| 3 Months | 13.68% | -13.07% | -0.08%  | 0.99%  | 3.65%   |
| 6 Months | 19.07% | -13.85% | -0.05%  | 1.24%  | -2.41%  |
| 1 Year   | 27.46% | -15.70% | 1.52%   | 1.96%  | -9.65%  |
| 2 Years  | 36.19% | -22.94% | 6.08%   | 8.97%  | -19.56% |
| 3 Years  | 39.89% | -24.69% | 13.49%  | 12.35% | -17.59% |
| 5 Years  | 24.29% | -3.51%  | 12.06%  | 11.26% | 1.40%   |

#### Drawdown



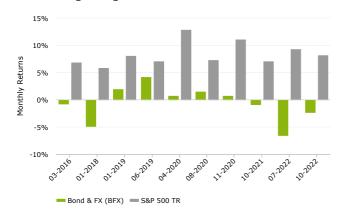
# Volatility (12 Months Rolling)



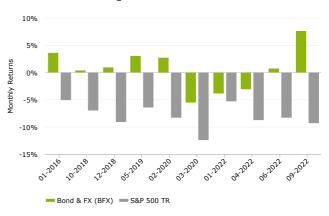
## Time Window Analysis

|                       | 1 Month | 3 Months | 6 Months | 1 Year | 2 Years | 3 Years |
|-----------------------|---------|----------|----------|--------|---------|---------|
| Annual Compounded Avg | -0.38%  | -2.38%   | -3.71%   | 12.68% | 76.79%  | 301.35% |
| % Positive            | 59.76%  | 61.25%   | 59.74%   | 59.15% | 59.32%  | 80.85%  |
| Avg. Pos. Period      | 1.69%   | 2.95%    | 4.87%    | 8.74%  | 17.68%  | 19.28%  |
| Avg. Neg. Period      | -2.48%  | -4.87%   | -7.34%   | -8.94% | -10.82% | -10.98% |
| Sharpe Ratio          | 0.01    | -0.06    | -0.02    | 0.51   | 1.33    | 2.91    |
| Sortino Ratio         | -0.05   | -0.18    | -0.20    | 0.56   | 2.12    | 7.29    |
| Standard Deviation    | 2.97%   | 4.88%    | 7.27%    | 10.33% | 15.89%  | 16.07%  |
| Downside Deviation    | 2.15%   | 3.76%    | 5.35%    | 6.14%  | 7.95%   | 5.84%   |

# Up Capture vs. S&P 500 TR

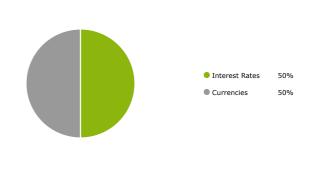


# Down Capture vs. S&P 500 TR



# 2,500,000 2,000,000 1,500,000 1,000,000 500,000 0 2016 2018 2020 2022

#### Instruments





For the latest performance, please scan the image above with a QR Reader.

No data filled