

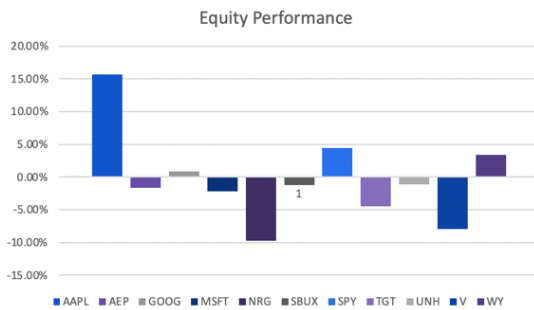
# Team Hartford Student Managed Fund December 2021 Portfolio Snapshot



## Total portfolio vs. S&P 500 performance

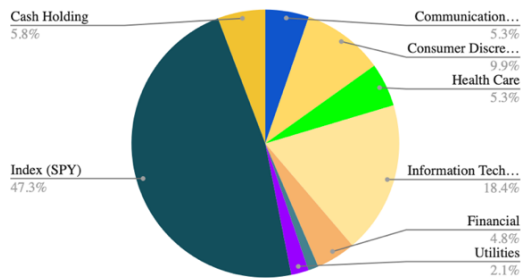
| Total Performance Vs. S&P 500 Performance |              | S&P 500 ETF(SPY)       |           | SMF Portfolio |              |
|---|--------------|------------------------|-----------|---------------|--------------|
| <b>Total Portfolio Performance</b>        | 2.74%        | <b>Beginning value</b> | \$ 446.58 | <b>\$</b>     | 1,264,018.17 |
| <b>S&amp;P500 Performance</b>             | 1.53%        | <b>Current value</b>   | \$ 453.42 | <b>\$</b>     | 1,298,642.84 |
| <b>Difference in Performance</b>          | <b>1.21%</b> | <b>Absolute value</b>  | \$ 6.84   | <b>\$</b>     | 34,624.67    |
|   |              | <b>% Change</b>        | 1.53%     |               | 2.74%        |

## Equity performance



| Company                 | Ticker Name | Buy Price  | Recent Price | % Change |
|-------------------------|-------------|------------|--------------|----------|
| APPLE INC               | AAPL        | \$139.86   | \$161.84     | 15.72%   |
| AMERICAN ELECTRIC POWER | AEP         | \$83.70    | \$82.34      | -1.62%   |
| ALPHABET INC            | GOOGL       | \$2,825.00 | \$2,850.41   | 0.90%    |
| MICROSOFT CORP          | MSFT        | \$330.12   | \$323.01     | -2.15%   |
| NRG ENERGY INC          | NRG         | \$40.51    | \$36.56      | -9.75%   |
| STARBUCKS CORP          | SBUX        | \$112.60   | \$111.24     | -1.21%   |
| SPDR S&P 500 ETF TRUST  | SPY         | \$446.58   | \$453.42     | 1.53%    |
| TARGET CORP             | TGT         | \$259.10   | \$247.57     | -4.45%   |
| UNITEDHEALTH GROUP INC  | UNH         | \$454.50   | \$449.32     | -1.14%   |
| VISA INC-CLASS A SHARES | V           | \$213.29   | \$196.32     | -7.96%   |
| WEYERHAEUSER CO         | WY          | \$37.09    | \$38.33      | 3.34%    |

## Portfolio Allocation & Unrealized Gains



|                  |                |
|------------------|----------------|
| Invested Amount  | \$1,298,642.84 |
| SPY              | \$614,837.52   |
| Cash             | \$74,868.70    |
| Portfolio        | \$608,936.62   |
| Percent Invested | 46.89%         |



| Ticker Name | Company                 | Industry               | Purchase Date | Shares | Purchase Price | Recent Price | Cost Basis | Market Value | Weight % | % Of Equity | % Change |
|-------------|-------------------------|------------------------|---------------|--------|----------------|--------------|------------|--------------|----------|-------------|----------|
| SPY         | SPDR S&P 500 ETF TRUST  | SPY                    | 9/13/21       | 1356   | 446.58         | 453.42       | 605562.48  | 614837.52    | 47.34%   | 0.00%       | 1.53%    |
| AAPL        | APPLE INC               | Information Technology | 10/13/21      | 798    | 139.86         | 161.84       | 111608.28  | 129148.32    | 9.94%    | 21.21%      | 15.72%   |
| AEP         | AMERICAN ELECTRIC POWER | Utilities              | 11/10/21      | 179    | 83.7           | 82.34        | 14982.3    | 14738.86     | 1.13%    | 2.42%       | -1.62%   |
| GOOGL       | ALPHABET INC            | Communication Services | 12/2/21       | 24     | 2825           | 2850.41      | 67800      | 68409.84     | 5.27%    | 11.23%      | 0.90%    |
| MSFT        | MICROSOFT CORP          | Information Technology | 12/2/21       | 338    | 330.12         | 323.01       | 111580.56  | 109177.38    | 8.41%    | 17.93%      | -2.15%   |
| NRG         | NRG ENERGY INC          | Utilities              | 10/29/21      | 352    | 40.51          | 36.56        | 14259.52   | 12869.12     | 0.99%    | 2.11%       | -9.75%   |
| SBUX        | STARBUCKS CORP          | Consumer Discretionary | 10/11/21      | 526    | 112.6          | 111.24       | 59227.6    | 58512.24     | 4.51%    | 9.61%       | -1.21%   |
| TGT         | TARGET CORP             | Consumer Discretionary | 10/26/21      | 281    | 259.1          | 247.57       | 72807.1    | 69567.17     | 5.36%    | 11.42%      | -4.45%   |
| UNH         | UNITEDHEALTH GROUP INC  | Healthcare             | 10/26/21      | 152    | 454.5          | 449.32       | 69084      | 68296.64     | 5.26%    | 11.22%      | -1.14%   |
| V           | VISA INC-CLASS A SHARES | Financials             | 11/5/21       | 317    | 213.29         | 196.32       | 67612.93   | 62233.44     | 4.79%    | 10.22%      | -7.96%   |
| WY          | WEYERHAEUSER CO         | Real Estate            | 11/10/21      | 417    | 37.09          | 38.33        | 15466.53   | 15983.61     | 1.23%    | 2.62%       | 3.34%    |

## Sector allocation & Breakdown

| Sector                 | % of Invested Portfolio | S&P Sector Weight | Sector                 | Analyst   |
|------------------------|-------------------------|-------------------|------------------------|---|
| Index(SPY)             | 50.24%                  |                   | Information Technology | Ronald Sheng-Kai Feng, Ruosu Chen                       |
| Information Technology | 19.47%                  | 27.90%            | Consumer Discretionary | Nandini Kuppuchetty, Yukun Zhang, He Li                 |
| Consumer Discretionary | 10.47%                  | 11.90%            | Communication Services | Ruosu Chen, Yukun Zhang                                 |
| Communication Services | 5.59%                   | 11.50%            | Healthcare             | He Li, Cristina Quiroz Rivera                           |
| Healthcare             | 5.58%                   | 13.40%            | Financials             | Tianyu Zhu, He Li, Liam Cutts                           |
| Financials             | 5.09%                   | 11.20%            | Real Estate            | Yukun Zhang, Ruosu Chen, Ronald Sheng-Kai Feng          |
| Real Estate            | 1.31%                   | 2.60%             | Utilities              | Ronald Sheng-Kai Feng, Serge Virvo                      |
| Utilities              | 2.26%                   | 2.50%             | Industrials            | Serge Virvo, Tianyu Zhu                                 |
| Industrials            | 0.00%                   | 8.20%             | Materials              | Liam Cutts, Serge Virvo                                 |
| Materials              | 0.00%                   | 2.60%             | Consumer Staples       | Cristina Quiroz Rivera, Tianyu Zhu, Nandini Kuppuchetty |
| Consumer Staples       | 0.00%                   | 5.80%             | Energy                 | Liam Cutts, Cristina Quiroz Rivera                      |
| Energy                 | 0.00%                   | 2.40%             |                        |   |
| <b>Total</b>           | <b>100.00%</b>          | <b>100.00%</b>    |                        |   |

## Top Performers Apple Inc. (APPL)

**Thesis:** Apple Inc. has the safest credit rating in the information technology sector, meaning Apple Inc. can cost less when borrowing money.

- Outperforming industry-average profitability
- Lower-than-industry average P/E ratio and dividend payout
- One-fifth service revenue growth to total revenue

| Basis Metrics            |                        |
|--------------------------|------------------------|
| Purchase Price: \$139.86 | 52 Week High: \$157.26 |
| Target Price: \$ 190.75  | 52 Week Low: \$ 107.32 |
| Market Cap: \$2.39T      | Dividend Yield: 0.6%   |



## Weyerhaeuser Cop. (WY)



**Thesis:** WY is one of the largest timber companies among peers with debt levels near the peer average

- WY made \$100 million in operational cost improvements in 2020, well above the initial projections of \$50-\$60 million
- Revenue growth rate is 33% Y/Y and operating margins grow 34% in 2021 from 2020's 21%
- Capital expenditures will be elevated in 2021 and 2022

| Basis Metrics           |                       |
|-------------------------|-----------------------|
| Purchase Price: \$37.09 | 52 Week High: \$40.79 |
| Target Price: \$ 46.28  | 52 Week Low: \$ 27.29 |
| Market Cap: \$26.76b    | Dividend Yield: 3.19% |

## Alphabet Inc. (GOOGL)












**Thesis:** Alphabet Inc. is a dominant leader in Internet Tech sector. It operates through Google Services, Google Cloud, and Other Bets segments.

- Fundamentals look solid and consistent growth
- Lower P/E ratio and higher ROE, ROA profit margin ratio than its peers.
- Large Cap company with high trading volume

| Basis Metrics             |                          |
|---------------------------|--------------------------|
| Purchase Price: \$2825    | 52 Week High: \$3,019.33 |
| Target Price: \$ 3,423.12 | 52 Week Low: \$ 1,694.0  |
| Market Cap: \$1.89T       | Dividend Yield: N/A      |

## Team Hartford

|  |   |  |
|--|---|--|
| <br><b>Ruosu Chen</b><br>MS Financial Risk Management   | <br><b>Quiroz Rivera Cristina</b><br>MBA               | <br><b>Liam Cutts</b><br>MBA                                   |
| <br><b>Martin Zhang</b><br>MS Financial Risk Management | <br><b>Serge Virvo</b><br>MS Financial Risk Management | <br><b>Nandini Kuppuchetty</b><br>MS Financial Risk Management |
| <br><b>Ronald Feng</b><br>MS Financial Risk Management  | <br><b>Tianyu Zhu</b><br>MS Financial Risk Management  | <br><b>He Li</b><br>MS Financial Risk Management               |