## SI Personal Assessment

Name: Tracy (name changed to maintain confidentiality)
Age: 45
Job: full-time, Software Development Manager

Portfolio Size: \$300,0000
Portfolio includes: 25 mutual funds, index funds, and ETFs
Number of investment accounts: 3

Tracy's Portfolio consisted of the following investments:

| Investment Account 1 | Dividend Yield | Market Value | MER Fee | Number of holdings | Dividends per year |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Vanguard Growth ETF | 0.79\% | \$15,763.87 | 0.04\% | 12545 | \$124.53 |
| Vanguard Total Stock Market ETF | 1.72\% | \$12,887.34 | 0.03\% | 3566 | \$221.66 |
| iShares Core CDN Universe Bond Index ETF | 2.51\% | \$6,634.98 | 0.10\% | 1347 | \$166.32 |
| Signature High Income Fund | 6.96\% | \$6,348.02 | 1.59\% | 560 | \$441.78 |
| Steadyhand Income Fund | 2.06\% | \$15,721.92 | 1.04\% | 197 | \$323.87 |
| iShares S\&P/TSX 60 Index | 3.14\% | \$10,812.57 | 0.18\% | 60 | \$339.52 |
| Manulife Dividend Income Fund | 1.08\% | \$15,736.94 | 2.28\% | 156 | \$169.97 |
| Mawer Balanced Fund | 1.22\% | \$13,628.69 | 0.91\% | 7 | \$166.25 |
| Mawer Canadian Equity Fund | 1.86\% | \$8,978.13 | 1.16\% | 42 | \$167.00 |
| Dynamic Alternative yield | 7.68\% | \$9,731.56 | 2.39\% | 139 | \$747.71 |
| Dynamic Global Asset Allocation Fund | 0.00\% | \$13,564.43 | 2.33\% | 25 | \$0.00 |
| Fidelity Global Monthly Income | 0.99\% | \$14,457.62 | 2.23\% | 3397 | \$143.16 |
| Mackenize Strategic Income Fund | 1.66\% | \$18,040.44 | 2.27\% | 679 | \$299.52 |
| Mawer Global Balanced Fund | 0.47\% | \$13,438.22 | 1.09\% | 81 | \$63.16 |
|  |  |  |  |  |  |
| Investment Account 2 |  |  |  |  |  |
| Mackenzie IVY Foreign Equity | 0.00\% | \$9,776.32 | 2.50\% | 50 | \$0.00 |
| Dynamic Global Asset Allocation Fund | 0.00\% | \$6,720.72 | 2.33\% | 25 | \$0.00 |
| Dynamic Strategic Yield Fund | 5.13\% | \$7,161.44 | 2.10\% | 118 | \$367.36 |
| Fidelity Global Monthly Income | 0.99\% | \$5,735.42 | 2.23\% | 3397 | \$56.79 |
| Mawer Global Balanced Fund | 0.47\% | \$10,289.85 | 1.09\% | 81 | \$48.36 |
| Mawer Global Equity Fund | 0.74\% | \$43,038.99 | 1.31\% | 80 | \$318.49 |
|  |  |  |  |  |  |
| Investment Account 3 |  |  |  |  |  |
| Signature High Income Fund | 6.96\% | \$5,992.53 | 1.59\% | 560 | \$417.04 |
| Dynamic Alternative yield | 7.68\% | \$8,803.62 | 2.39\% | 139 | \$676.41 |
| Dynamic Strategic Yield Fund | 5.13\% | \$9,483.49 | 2.10\% | 118 | \$486.48 |
| Manulife Strategic Balanced Yield Fund | 2.92\% | \$6,984.23 | 2.27\% | 494 | \$203.94 |
| Mawer Global Balanced Fund | 0.47\% | \$10,342.20 | 1.09\% | 81 | \$48.61 |
|  |  |  |  |  |  |
|  | TOTAL: | \$300,073.54 |  | TOTAL: | \$5,997.96 |
|  |  |  |  |  |  |
|  | Current Yield: | 2.00\% |  |  |  |

## Observations:

1. The dividend yield on some of the funds is low (less than $1.5 \%$ ), in fact two funds have a dividend yield of $0 \%$
2. Overall, these funds are providing a current yield of $2 \%$
3. Some of these funds own thousands of stocks, and other funds within the fund, there is too much diversification here:
a. Too much diversification can be a problem, I wrote about this topic here.
b. With so much diversification, not all stocks held in the portfolio will pass the 12 Rules of Simply Investing. With these funds Tracy was unintentionally:
i. buying overvalued (priced high) stocks
ii. buying non-quality stocks
iii. buying stocks that paid little to no dividends
4. Tracy was paying too much in fees, here is what the fees were going to be if she held on to her investments:

| Investment Account 1 | Market Value | MER Fee | Fees after 10 years | Fees after 20 years | Fees after 40 years |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Vanguard Growth ETF | \$15,763.87 | 0.04\% | \$95.18 | \$314.66 | \$1,951.07 |
| Vanguard Total Stock Market ETF | \$12,887.34 | 0.03\% | \$58.58 | \$194.25 | \$1,208.14 |
| iShares Core CDN Universe Bond Index ETF | \$6,634.98 | 0.10\% | \$102.53 | \$345.02 | \$2,178.43 |
| Signature High Income Fund | \$6,348.02 | 1.59\% | \$1,562.48 | \$5,265.05 | \$33,287.87 |
| Steadyhand Income Fund | \$15,721.92 | 1.04\% | \$2,468.25 | \$8,160.01 | \$50,598.86 |
| iShares S\&P/TSX 60 Index | \$10,812.57 | 0.18\% | \$296.10 | \$984.81 | \$6,144.60 |
| Manulife Dividend Income Fund | \$15,736.94 | 2.28\% | \$5,416.25 | \$17,905.82 | \$111,029.54 |
| Mawer Balanced Fund | \$13,628.69 | 0.91\% | \$1,877.14 | \$6,218.51 | \$38,641.73 |
| Mawer Canadian Equity Fund | \$8,978.13 | 1.16\% | \$1,592.53 | \$5,317.12 | \$33,306.55 |
| Dynamic Alternative yield | \$9,731.56 | 2.39\% | \$3,548.30 | \$11,826.22 | \$73,947.33 |
| Dynamic Global Asset Allocation Fund | \$13,564.43 | 2.33\% | \$4,784.08 | \$15,849.68 | \$98,497.10 |
| Fidelity Global Monthly Income | \$14,457.62 | 2.23\% | \$4,874.24 | \$16,133.01 | \$100,159.20 |
| Mackenize Strategic Income Fund | \$18,040.44 | 2.27\% | \$6,168.21 | \$20,356.90 | \$126,003.64 |
| Mawer Global Balanced Fund | \$13,438.22 | 1.09\% | \$2,217.64 | \$7,348.10 | \$45,671.27 |
| Investment Account 2 |  |  |  |  |  |
| Mackenzie IVY Foreign Equity | \$9,776.32 | 2.50\% | \$3,728.21 | \$12,424.65 | \$77,681.63 |
| Dynamic Global Asset Allocation Fund | \$6,720.72 | 2.33\% | \$2,418.50 | \$8,135.55 | \$51,348.02 |
| Dynamic Strategic Yield Fund | \$7,161.44 | 2.10\% | \$2,317.06 | \$7,780.21 | \$49,015.91 |
| Fidelity Global Monthly Income | \$5,735.42 | 2.23\% | \$1,988.74 | \$6,723.44 | \$42,647.45 |
| Mawer Global Balanced Fund | \$10,289.85 | 1.09\% | \$1,708.54 | \$5,687.94 | \$35,524.27 |
| Mawer Global Equity Fund | \$43,038.99 | 1.31\% | \$8,417.84 | \$27,590.37 | \$169,546.17 |
| Investment Account 3 |  |  |  |  |  |
| Signature High Income Fund | \$5,992.53 | 1.59\% | \$1,478.63 | \$4,991.61 | \$31,616.59 |
| Dynamic Alternative yield | \$8,803.62 | 2.39\% | \$3,219.29 | \$10,753.32 | \$67,389.75 |
| Dynamic Strategic Yield Fund | \$9,483.49 | 2.10\% | \$3,040.47 | \$10,139.22 | \$63,434.29 |
| Manulife Strategic Balanced Yield Fund | \$6,984.23 | 2.27\% | \$2,444.96 | \$8,215.43 | \$51,794.43 |
| Mawer Global Balanced Fund | \$10,342.20 | 1.09\% | \$1,717.00 | \$5,715.54 | \$35,692.99 |
| TOTAL: | \$300,073.54 |  | \$67,540.75 | \$224,376.44 | \$1,398,316.83 |
| Typical cost with individual stocks: |  |  | \$249.75 (one-time fee) | \$0 to \$249.75 | \$0 to \$249.75 |

## Solution:

1. By moving to individual stocks, Tracy will:
a. over her lifetime save more than $\$ 1.39 \mathrm{M}$ is fees
b. minimize the problems of over diversification
c. be able to only invest in companies that pass the 12 Rules of Simply Investing
d. be able to create a portfolio that generates increasing income each year
e. increase her dividend income, as you can see from her new portfolio:

| Investment Account 1 | Symbol | Dividend | Dividend Yield | Quantity | Share Price | Amount Invested | Dividends per year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Nucor | NUE | \$1.61 | 3.16\% | 235 | \$50.95 | \$11,973.25 | \$378.35 |
| Archer-Daniels-Midland | ADM | \$1.44 | 2.88\% | 240 | \$49.98 | \$11,995. 20 | \$345.60 |
| Aflac | AFL | \$1.12 | 2.73\% | 300 | \$40.98 | \$12,294.00 | \$336.00 |
| Home Depot | HD | \$6.00 | 2.15\% | 45 | \$278.96 | \$12,553.20 | \$270.00 |
| Eaton Corporation | ETN | \$2.92 | 2.57\% | 105 | \$113.82 | \$11,951.10 | \$306.60 |
| Johnson \& Johnson | JNJ | \$4.04 | 2.74\% | 75 | \$147.58 | \$11,068.50 | \$303.00 |
| Colgate-Palmolive | CL | \$1.76 | 2.07\% | 140 | \$85.02 | \$11,902.80 | \$246.40 |
| State Street Corporation | STT | \$2.08 | 3.03\% | 175 | \$68.65 | \$12,013.75 | \$364.00 |
| CVS Health Corp | CVS | \$2.00 | 2.86\% | 170 | \$69.90 | \$11,883.00 | \$340.00 |
| Chubb Limited | CB | \$3.12 | 2.11\% | 80 | \$148.02 | \$11,841.60 | \$249.60 |
| Medtronic | MDT | \$2.32 | 2.11\% | 110 | \$110.00 | \$12,100.00 | \$255.20 |
| Snap-on Incorporated | SNA | \$4.92 | 2.90\% | 75 | \$169.88 | \$12,741.00 | \$369.00 |
| Cummins Inc | CMI | \$5.40 | 2.30\% | 50 | \$234.32 | \$11,716.00 | \$270.00 |
| Tyson Foods Inc | TSN | \$1.68 | 2.75\% | 195 | \$61.00 | \$11,895.00 | \$327.60 |
| Investment Account 2 |  |  |  |  |  |  |  |
| Sun Life Financial | SLF | \$2.20 | 3.67\% | 200 | \$59.93 | \$11,986.00 | \$440.00 |
| Canadian Natural Resources | CNQ | \$1.70 | 6.10\% | 425 | \$27.87 | \$11,844.75 | \$722.50 |
| Manulife Financial Corp | MFC | \$1.12 | 5.21\% | 565 | \$21.50 | \$12,147.50 | \$632.80 |
| Royal Bank of Canada | RY | \$4.32 | 4.30\% | 125 | \$100.36 | \$12,545.00 | \$540.00 |
| Toronto-Dominion Bank | TD | \$3.16 | 4.86\% | 180 | \$65.04 | \$11,707.20 | \$568.80 |
| National Bank of Canada | NA | \$2.84 | 4.12\% | 170 | \$68.98 | \$11,726.60 | \$482.80 |
| Investment Account 3 |  |  |  |  |  |  |  |
| Bank of Nova Scotia | BNS | \$3.60 | 5.85\% | 195 | \$61.49 | \$11,990.55 | \$702.00 |
| CIBC | CM | \$5.84 | 5.48\% | 110 | \$106.51 | \$11,716.10 | \$642.40 |
| Canadian Tire Corporatio | CTC.A | \$4.70 | 2.83\% | 75 | \$166.11 | \$12,458.25 | \$352.50 |
| Finning International | FTT | \$0.82 | 3.60\% | 525 | \$22.79 | \$11,964.75 | \$430.50 |
| ATCO | ACO.X | \$1.74 | 4.48\% | 310 | \$38.86 | \$12,046.60 | \$539.40 |
|  |  |  |  |  | TOTAL: | \$300,061.70 | \$10,415.05 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | Current Yield: | 3.47\% |  |

## Summary:

1. By moving to individual stocks, Tracy:
a. reduced her fees to $\$ 249.75$ (one-time commission fee to purchase 25 stocks)
b. increased her annual dividend income from $\$ 5,997$ to $\$ 10,415$
c. minimized the problems of over diversification

Here is the data used to calculate the fund fees:

Amount invested: see column number 2 in the table shown on page 2
Yearly Contributions per fund: \$72
Average Rate of Return: 8.5\%
Investment Term: 10 years, 20 years, 40 years
MER fees: see column number 3 in the table shown on page 2

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