

McMaster University - Salaried Pension Plan
Total Fund Investment Performance and Structure (By Asset Class)
Periods Ending December 31, 2018

| | Annual Returns % (ending December 31) | | | | 4-Year Annualized Returns % | | | |
|-------------------|---------------------------------------|------|------|------|-----------------------------|------|------|------|
| | 2018 | 2017 | 2016 | 2015 | 2018 | 2017 | 2016 | 2015 |
| Total Fund | -4.2 | 12.5 | 6.8 | 5.7 | 5.0 | 9.0 | 9.9 | 10.9 |
| Policy Benchmark | -3.4 | 11.1 | 7.5 | 4.4 | 4.8 | 8.6 | 9.4 | 10.1 |
| Total Value Added | -0.8 | 1.4 | -0.7 | 1.3 | 0.2 | 0.4 | 0.5 | 0.8 |

Note: Time-weighted returns are presented.

| | Market Index | December 31, 2018 | | Policy Asset Mix % | | |
|---|---------------------------------------|------------------------|---------|--------------------|-----------|------|
| | | Market Value \$000s | Percent | Min | Benchmark | Max |
| Equities | | | | | | |
| Canadian Equities | S&P/TSX Composite | 374,856 | 19.3 | 16.0 | 20.0 | 24.0 |
| U.S. Equities | S&P500 Unhedged / Russell 1000 Hedged | 472,010 | 24.3 | 17.0 | 22.0 | 27.0 |
| Non-North American Equities | MSCI EAFE Unhedged / Hedged | 477,271 | 24.5 | 17.0 | 22.0 | 27.0 |
| <i>Total Foreign Equities</i> | | 949,281 | 48.8 | | 44.0 | |
| <i>Total Equities</i> | | 1,324,137 | 68.1 | | 64.0 | |
| Real Assets | | | | | | |
| | IPD Canada Property Index | 22,355 | 1.1 | 0.0 | 1.0 | 10.0 |
| <i>Total Equities & Real Assets</i> | | 1,346,492 | 69.3 | 50.0 | 65.0 | 80.0 |
| Fixed Income | | | | | | |
| Universe Bonds | FTSE TMX Universe | 246,473 | 12.7 | 8.0 | 15.0 | 20.0 |
| Long Term Bonds | FTSE TMX Long Term | 278,277 | 14.3 | 10.0 | 15.0 | 18.0 |
| Real Return Bonds | FTSE TMX Real Return | 66,295 | 3.4 | 2.0 | 5.0 | 7.0 |
| Short-term investments | FTSE TMX 91-Day T-Bills | 7,866 | 0.4 | 0.0 | 0.0 | 10.0 |
| <i>Total Fixed Income</i> | | 598,911 | 30.8 | 20.0 | 35.0 | 50.0 |
| Total Fund | | 1,945,403 | 100.0 | | 100.0 | |