

# Monthly WRAP Fund Report

Prepared May 12, 2015

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# Paterson & Associates - Monthly WRAP Fund Report

April 2015

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Name	Rating	Average Monthly Return	Monthly Standard Deviation	Sharpe Ratio	Alpha	Beta	Correlations				Returns					
							TSX	S&P 500	MSCI EAFE	DEX Universe Bond	3 Month	1 Year	3 Year	5 Year	MER	
<b>Conservative Portfolios</b>		Typical Asset Mix: 70% - 90% Fixed Income / 10% - 30% Equity														
1	Empire Life Emblem Conservative Portfolio	B	0.55%	0.91%	0.52	0.10%	0.87	0.5237	0.7324	0.6805	0.6237	-0.6%	7.0%	7.1%		2.04
2	TD Advantage Balanced Income Portfolio	B	0.53%	1.00%	0.46	0.06%	0.92	0.5563	0.6384	0.7501	0.5086	-0.8%	7.8%	7.1%	6.5%	1.97
3	Marquis Balanced Income Portfolio	B	0.56%	1.14%	0.43	0.14%	0.82	0.6616	0.6944	0.7367	0.2068	0.6%	5.9%	7.4%	6.8%	2.39
4	DynamicEdge Conservative Class Portfolio	C	0.54%	0.96%	0.49	0.00%	0.83	0.5075	0.7092	0.7180	0.5595	1.1%	7.5%	7.0%		2.10
5	Meritage Moderate Income Portfolio	C	0.47%	0.88%	0.45	0.07%	0.78	0.6333	0.5916	0.7215	0.4122	0.2%	5.8%	5.5%	5.8%	2.17
6	Renaissance Optimal Income Portfolio	C	0.60%	1.16%	0.45	0.05%	1.05	0.5822	0.5467	0.7145	0.4762	-0.8%	6.5%	7.6%	7.3%	1.98
7	SEI Conservative Monthly Income Class S	C	0.47%	0.91%	0.43	0.04%	0.84	0.6064	0.6705	0.7478	0.4676	0.1%	6.7%	6.5%	5.7%	1.75
8	CI BC Managed Income Plus Portfolio	C	0.48%	0.94%	0.43	0.09%	0.77	0.5249	0.7441	0.8233	0.4277	-0.7%	6.5%	6.7%	5.9%	2.19
9	DynamicEdge Defensive Portfolio	C	0.40%	0.76%	0.42	0.01%	0.75	0.4199	0.5985	0.6216	0.7140	0.7%	5.5%	5.2%		1.98
10	TD Mgd Income Portfolio	C	0.47%	0.96%	0.42	0.05%	0.82	0.5502	0.7182	0.8022	0.4507	-0.8%	7.4%	7.1%	5.8%	2.08
11	Fidelity Income Portfolio	C	0.56%	1.19%	0.41	0.03%	1.03	0.5562	0.6745	0.7572	0.4515	-0.9%	8.5%	8.0%	6.8%	2.36
12	Meritage Moderate Portfolio	C	0.48%	1.05%	0.39	0.04%	0.85	0.7154	0.7124	0.8270	0.2546	-0.2%	6.4%	6.9%	5.9%	2.19
13	Meritas Income & Growth Portfolio	C	0.39%	0.82%	0.39	0.00%	0.75	0.5881	0.7227	0.7290	0.4881	-0.3%	6.9%	6.1%		2.22
14	CI Portfolio Series Income Fund Class A	D	0.60%	1.05%	0.50	0.03%	0.87	0.4529	0.6730	0.7967	0.4577	-1.0%	6.6%	7.8%	7.3%	2.00
15	Sun Life Managed Conservative Portfolio	D	0.55%	1.04%	0.46	-0.10%	1.00	0.4074	0.7426	0.7743	0.6719	-0.7%	7.9%	7.3%		0.00
16	SEI Income 20/80 Class S	D	0.45%	0.83%	0.46	0.04%	0.81	0.4161	0.4993	0.5997	0.7020	-0.4%	6.4%	5.7%	5.5%	1.45
17	Meritage Conservative Portfolio	D	0.39%	0.82%	0.39	0.01%	0.74	0.5114	0.5519	0.7004	0.5334	-0.3%	5.7%	5.1%	4.8%	2.18
18	Meritage Conservative Income Portfolio	D	0.37%	0.75%	0.39	0.00%	0.71	0.3777	0.3539	0.5020	0.7024	-0.5%	4.5%	3.6%	4.4%	2.09
19	Fidelity Global Income Portfolio	D	0.60%	1.41%	0.37	-0.13%	1.12	0.5200	0.6847	0.7743	0.4130	-1.4%	9.2%	8.9%	7.3%	2.35
20	Quadrus Conservative Folio	D	0.39%	0.85%	0.37	-0.04%	0.83	0.4963	0.5408	0.6748	0.6339	-0.5%	5.3%	4.8%	4.7%	0.02
21	SEI Income 20/80 Class P	D	0.38%	0.88%	0.35	-0.03%	0.79	0.4376	0.4800	0.5970	0.6047	-0.5%	6.0%	5.3%	4.6%	1.86
22	Quadrus Moderate Folio	D	0.43%	1.07%	0.33	-0.04%	0.91	0.7552	0.7348	0.8283	0.2630	0.0%	5.6%	6.2%	5.2%	0.03
23	SEI Income 30/70 Class P	D	0.41%	1.03%	0.33	-0.03%	0.85	0.5938	0.6142	0.7172	0.3837	0.1%	7.0%	6.6%	5.0%	2.20
24	Invesco Intactive Diversified Income Portfolio	D	0.42%	1.13%	0.31	-0.15%	0.88	0.6266	0.5278	0.6811	0.4865	-0.5%	6.7%	4.9%	5.1%	1.98
25	Counsel Conservative Portfolio	D	0.49%	1.36%	0.30	-0.14%	0.97	0.6999	0.7693	0.8569	0.2159	-1.0%	5.3%	7.0%	5.9%	2.79
26	SEI Income 100 Class P	D	0.32%	0.83%	0.29	-0.03%	0.74	-0.1674	0.0016	0.1038	0.9754	-1.4%	4.4%	2.9%	3.8%	1.92
27	TD Mgd Index Income Portfolio	F	0.55%	1.02%	0.47	-0.06%	0.94	0.4394	0.6156	0.7127	0.6357	-0.6%	8.9%	7.7%	6.7%	1.48
28	BMO Matchmaker Strategic Security Portfolio	F	0.49%	0.92%	0.45	-0.06%	0.84	0.3051	0.6004	0.6068	0.6921	-1.5%	6.7%	6.9%	5.9%	2.25
29	BMO SelectClass Security Portfolio	F	0.45%	0.89%	0.42	-0.07%	0.80	0.3730	0.5635	0.6243	0.6836	-1.3%	6.6%	6.1%	5.5%	2.33
30	BMO FundSelect Security Portfolio	F	0.37%	0.82%	0.36	-0.11%	0.74	0.4252	0.6493	0.6974	0.6051	-1.1%	5.6%	5.4%	4.5%	2.41
31	AGF Elements Yield Portfolio	F	0.44%	1.01%	0.36	-0.09%	0.81	0.4839	0.4990	0.6239	0.5650	-1.0%	4.4%	5.6%	5.3%	2.02
32	Franklin Quotential Diversified Income Portfolio T	F	0.43%	1.15%	0.31	-0.14%	0.87	0.3955	0.4223	0.6114	0.5545	-0.7%	6.0%	5.0%	5.2%	1.92
33	SEI Income 100 Class S	F	0.25%	0.88%	0.20	-0.24%	1.01	-0.0110	0.2405	0.2539	0.9877	-1.3%	4.9%	3.4%		1.43
34	Counsel Managed Yield Portfolio	F	0.24%	1.07%	0.16	-0.28%	1.02	0.5553	0.3771	0.5977	0.5579	-1.9%	0.6%	3.3%		2.55
35	Renaissance Optimal Conservative Income Portfolio	TBD	0.59%	1.14%	0.45	-0.11%	1.36	0.2632	0.5991	0.7145	0.9441	-1.1%	5.9%			1.62
36	Empire Life Emblem Diversified Income Portfolio	TBD	0.56%	1.11%	0.44	-0.08%	1.24	0.1265	0.8664	0.7677	0.9497	-1.0%	7.3%			1.89
<b>Category Average</b>			<b>0.46%</b>	<b>0.99%</b>	<b>0.39</b>	<b>-0.03%</b>	<b>0.89</b>	<b>0.4697</b>	<b>0.5934</b>	<b>0.6791</b>	<b>0.5628</b>	<b>-0.6%</b>	<b>6.3%</b>	<b>6.1%</b>	<b>5.7%</b>	<b>1.89</b>

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							TSX	S&P 500	MSCI EAFE	DEX Universe Bond	3 Month	1 Year	3 Year	5 Year	MER
Balanced Portfolios <span style="float: right;">Typical Asset Mix: 40% - 60% Fixed Income / 40% - 60% Equity</span>															
1	Empire Life Emblem Moderate Growth Portfolio	A	0.76%	1.28%	0.53	0.51%	0.40	0.7463	0.7594	0.7395	0.2367	0.7%	8.3%	9.9%	2.34
2	Empire Life Emblem Balanced Portfolio	A	0.65%	1.09%	0.53	0.39%	0.45	0.6676	0.7645	0.7387	0.4321	0.0%	7.7%	8.6%	2.24
3	Meritage Balanced Income Portfolio	A	0.53%	1.08%	0.42	0.21%	0.53	0.7399	0.6817	0.7819	0.2179	0.2%	6.0%	6.7%	2.37
4	CC&L Diversified Income Portfolio	B	0.72%	1.12%	0.58	0.23%	0.55	0.6411	0.7474	0.7139	0.2384	1.6%	10.1%	9.6%	2.11
5	Mawer Balanced Fund Class A	B	0.97%	1.56%	0.57	0.19%	0.86	0.6880	0.8663	0.8667	0.0597	1.1%	13.2%	14.8%	0.96
6	Meritage Growth Income Portfolio	B	0.62%	1.35%	0.41	0.22%	0.69	0.8208	0.7349	0.8092	0.0037	1.0%	6.8%	8.4%	2.41
7	Meritas Growth & Income Portfolio	B	0.61%	1.37%	0.39	0.22%	0.68	0.7888	0.7466	0.7526	0.0255	0.7%	9.0%	9.4%	2.26
8	Meritage Balanced Portfolio	B	0.54%	1.44%	0.33	0.11%	0.74	0.8122	0.7324	0.8285	0.0742	0.4%	6.9%	8.0%	2.41
9	SEI Income 40/60 Class S	C	0.55%	1.15%	0.41	0.04%	0.99	0.6991	0.7497	0.8116	0.3170	0.3%	8.1%	8.1%	1.64
10	SEI Canadian Focused Balanced Class S	C	0.51%	1.21%	0.36	0.16%	0.61	0.8543	0.5085	0.6760	0.4087	1.2%	6.5%	6.9%	1.86
11	SEI Income 40/60 Class P	C	0.49%	1.15%	0.36	-0.02%	0.99	0.6986	0.7490	0.8115	0.3180	0.1%	7.3%	7.4%	2.40
12	SEI Balanced 50/50 Class P	C	0.54%	1.38%	0.34	0.13%	0.69	0.7631	0.7800	0.8343	0.1996	0.5%	8.1%	8.5%	2.61
13	SEI Balanced Monthly Income - P Class	C	0.57%	1.60%	0.31	0.09%	0.82	0.8123	0.8037	0.8459	0.0721	0.9%	8.6%	9.5%	2.59
14	Meritage Growth Portfolio	C	0.60%	1.82%	0.29	0.05%	0.94	0.8539	0.7405	0.8247	-0.0784	0.9%	7.3%	9.5%	2.42
15	Sun Life Managed Balanced Portfolio	D	0.86%	1.44%	0.55	0.18%	0.75	0.5468	0.8049	0.8635	0.4546	0.7%	11.9%	11.4%	0.00
16	BMO Matchmaker Strategic Balanced Portfolio	D	0.61%	1.22%	0.44	0.03%	0.65	0.7590	0.8408	0.7878	0.1531	0.2%	8.4%	9.9%	0.00
17	TD Mgd Index Income & Moderate Growth Portfolio	D	0.62%	1.25%	0.44	-0.01%	0.70	0.6330	0.7651	0.8493	0.3674	0.0%	9.6%	9.6%	1.54
18	TD Advantage Balanced Portfolio	D	0.59%	1.23%	0.42	0.00%	0.66	0.7295	0.7482	0.8370	0.2365	-0.2%	8.5%	8.6%	2.08
19	CI Portfolio Series Conservative Fund Class A	D	0.60%	1.31%	0.40	-0.06%	0.72	0.7083	0.8271	0.8674	0.1541	0.0%	8.3%	8.8%	2.34
20	BMO SelectClass Balanced Portfolio	D	0.59%	1.34%	0.39	-0.06%	0.71	0.7097	0.7804	0.8169	0.2301	-0.1%	9.6%	9.2%	2.50
21	TD Mgd Income & Moderate Growth Portfolio	D	0.57%	1.27%	0.39	-0.08%	0.71	0.6765	0.8044	0.8635	0.2403	-0.4%	9.0%	9.1%	2.27
22	CI Portfolio Series Conservative Balanced Fnd Cl A	D	0.65%	1.49%	0.39	-0.09%	0.81	0.7568	0.8520	0.8699	0.0369	0.6%	8.9%	10.1%	2.43
23	BMO FundSelect Balanced Portfolio	D	0.55%	1.25%	0.38	-0.08%	0.70	0.7071	0.8425	0.8551	0.1820	-0.1%	8.4%	9.0%	2.57
24	Franklin Quotential Balanced Income Portfolio A	D	0.54%	1.35%	0.35	-0.09%	0.70	0.7035	0.6868	0.8375	0.2364	0.7%	9.8%	8.7%	2.08
25	Invesco Intactive Balanced Income Portfolio Ser A	D	0.45%	1.33%	0.28	-0.11%	0.62	0.7076	0.5769	0.7138	0.3516	-0.2%	6.8%	5.2%	2.16
26	Counsel Income Managed Portfolio	D	0.34%	1.45%	0.18	-0.09%	0.72	0.7895	0.7534	0.7355	0.0663	-0.7%	4.9%	6.3%	2.82
27	TD Mgd Index Balanced Growth Portfolio	F	0.67%	1.55%	0.38	-0.13%	0.87	0.7256	0.8192	0.8951	0.1784	0.4%	10.2%	10.9%	1.58
28	TD Advantage Balanced Growth Portfolio	F	0.65%	1.55%	0.37	-0.09%	0.81	0.8024	0.7864	0.8549	0.0528	0.4%	9.2%	10.2%	2.21
29	Fidelity Balanced Portfolio	F	0.66%	1.65%	0.35	-0.14%	0.88	0.7466	0.7914	0.8336	0.1441	-0.3%	9.9%	10.5%	2.45
30	SEI Balanced 60/40-S	F	0.63%	1.60%	0.35	-0.14%	0.85	0.8102	0.8056	0.8472	0.0753	1.1%	9.5%	10.4%	1.81
31	TD Mgd Balanced Growth Portfolio	F	0.64%	1.68%	0.34	-0.19%	0.92	0.7669	0.8264	0.8772	0.0668	0.1%	9.7%	11.0%	2.42
32	AGF Elements Conservative Portfolio	F	0.46%	1.16%	0.34	-0.10%	0.62	0.6087	0.7623	0.7819	0.3662	-0.4%	7.7%	7.1%	2.36
33	Marquis Balanced Portfolio	F	0.58%	1.52%	0.33	-0.13%	0.78	0.7767	0.7799	0.8409	0.0107	1.4%	8.5%	9.0%	2.54
34	DynamicEdge Balanced Portfolio	F	0.55%	1.49%	0.32	-0.12%	0.74	0.7423	0.7428	0.7954	0.0494	2.1%	10.0%	9.0%	2.21
35	DynamicEdge Balanced Class Portfolio	F	0.55%	1.51%	0.32	-0.13%	0.75	0.7466	0.7393	0.7957	0.0531	2.2%	9.9%	9.0%	2.24
36	Franklin Quotential Balanced Growth Portfolio A	F	0.61%	1.76%	0.31	-0.16%	0.76	0.7883	0.7575	0.8693	0.0360	1.5%	11.1%	10.8%	2.26
37	AGF Elements Balanced Portfolio	F	0.56%	1.59%	0.30	-0.23%	0.87	0.7302	0.8204	0.8505	0.1242	0.1%	8.4%	9.2%	2.34
38	Marquis Balanced Growth Portfolio	F	0.66%	1.92%	0.30	-0.22%	0.97	0.7991	0.7897	0.8350	-0.0781	1.8%	10.1%	10.7%	2.57
39	SEI Balanced 60/40 Fund Class - P	F	0.55%	1.62%	0.29	-0.23%	0.86	0.8134	0.7992	0.8466	0.0593	0.9%	8.7%	9.6%	2.56
40	DynamicEdge Balanced Growth Portfolio	F	0.62%	1.89%	0.29	-0.21%	0.92	0.7693	0.7528	0.7900	-0.0353	2.7%	11.9%	10.9%	2.33

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41 DynamicEdge Balanced Growth Class Portfolio	F	0.61%	1.89%	0.29	-0.22%	0.92	0.7660	0.7582	0.7921	-0.0329	2.6%	11.7%	10.8%	7.4%	2.37
42 Counsel Balanced Portfolio	F	0.61%	1.90%	0.28	-0.30%	1.01	0.7676	0.7991	0.8685	0.0315	-0.5%	6.8%	9.7%	7.4%	2.86
43 Manulife Simplicity Balanced Fund	F	0.56%	1.76%	0.27	-0.28%	0.92	0.8121	0.7957	0.8556	-0.0030	0.8%	10.0%	9.5%	6.7%	2.53
44 Quadrus Balanced Folio	F	0.50%	1.56%	0.27	-0.22%	0.80	0.8690	0.7651	0.8425	-0.0043	1.0%	6.0%	8.2%	6.0%	0.07
45 Invesco Intactive Balanced Growth Portfolio Ser A	F	0.51%	1.65%	0.26	-0.18%	0.76	0.8314	0.6307	0.7656	0.1037	0.8%	6.4%	6.4%	6.1%	2.28
46 Counsel Managed Portfolio	F	0.32%	1.92%	0.13	-0.48%	0.88	0.8082	0.7298	0.7463	-0.0519	0.0%	3.1%	6.6%	3.7%	2.89
47 Renaissance Optimal Growth & Income Portfolio	TBD	0.88%	1.33%	0.61	0.25%	0.70	0.5207	0.7040	0.7676	0.7693	-0.5%	7.8%			2.09
48 Counsel Managed High Yield Portfolio	TBD	0.53%	1.38%	0.33	-0.01%	0.59	0.4670	0.4946	0.7453	0.7779	-2.0%	2.7%			2.64
49 AGF Inflation Focus Fund	TBD	-0.17%	2.32%	-0.10	-0.49%	0.36	0.7882	0.0683	0.3318	0.2869	-1.4%	-8.6%			2.20
<b>Category Average</b>		<b>0.58%</b>	<b>1.48%</b>	<b>0.35</b>	<b>-0.04%</b>	<b>0.75</b>	<b>0.7402</b>	<b>0.7421</b>	<b>0.8033</b>	<b>0.1676</b>	<b>0.5%</b>	<b>8.1%</b>	<b>9.1%</b>	<b>7.0%</b>	<b>2.15</b>

## Growth Portfolios

Typical Asset Mix: 10% - 30% Fixed Income / 70% - 90% Equity

1 Empire Life Emblem Growth Portfolio	A	0.84%	1.55%	0.50	0.53%	0.51	0.8085	0.6927	0.7155	0.0864	1.4%	8.1%	11.1%		2.39
2 Meritas Growth Portfolio	A	0.66%	1.60%	0.37	0.23%	0.74	0.7768	0.8330	0.8229	-0.0593	1.2%	9.9%	11.6%		2.55
3 Sun Life Managed Growth Portfolio	B	1.04%	1.71%	0.56	0.18%	1.31	0.6019	0.8102	0.8778	0.3486	0.9%	13.5%	13.7%		0.00
4 Meritage Equity Income Portfolio	B	0.64%	1.64%	0.34	0.22%	0.67	0.8469	0.7078	0.7987	-0.0955	1.5%	7.1%	8.9%	7.7%	2.71
5 Sun Life Managed Balanced Growth Portfolio	C	0.95%	1.55%	0.56	0.31%	0.62	0.5801	0.8122	0.8717	0.3972	0.7%	12.4%	12.5%		0.00
6 DynamicEdge Growth Portfolio	C	0.67%	2.25%	0.27	-0.01%	1.05	0.7735	0.7628	0.7805	-0.0892	3.1%	13.7%	12.5%	8.1%	2.42
7 DynamicEdge Growth Class Portfolio	C	0.67%	2.26%	0.26	-0.03%	1.07	0.7714	0.7632	0.7872	-0.0831	3.1%	13.7%	12.5%	8.0%	2.45
8 Counsel Growth Portfolio	C	0.72%	2.47%	0.26	-0.10%	1.26	0.7962	0.7998	0.8577	-0.0814	0.0%	8.0%	12.1%	8.6%	2.98
9 Sun Life Managed Moderate Portfolio	D	0.75%	1.27%	0.53	0.15%	0.66	0.5146	0.8002	0.8488	0.5068	-0.1%	9.8%	9.8%		0.00
10 BMO Matchmaker Strategic Growth Portfolio	D	0.75%	1.81%	0.37	-0.02%	0.76	0.8293	0.8150	0.7956	-0.0416	1.0%	7.7%	12.8%	9.2%	0.00
11 Counsel World Managed Portfolio	D	0.60%	1.97%	0.27	-0.08%	1.04	0.8020	0.8070	0.8414	-0.0534	-0.3%	5.9%	9.5%	7.2%	3.12
12 Fidelity Growth Portfolio	F	0.82%	1.96%	0.38	-0.07%	0.86	0.7754	0.8377	0.8498	-0.0104	0.9%	11.4%	13.8%	10.0%	2.49
13 BMO SelectClass Growth Portfolio	F	0.78%	1.90%	0.37	-0.08%	0.84	0.7429	0.8260	0.8332	0.0912	0.7%	14.1%	13.1%	9.5%	2.61
14 Fidelity Global Growth Portfolio	F	0.87%	2.26%	0.35	-0.16%	1.01	0.7049	0.8540	0.8592	0.0174	0.3%	12.5%	14.8%	10.7%	2.50
15 CI Portfolio Series Balanced Fund Class A	F	0.68%	1.72%	0.35	-0.11%	0.77	0.7790	0.8531	0.8638	-0.0449	1.0%	9.6%	10.9%	8.2%	2.45
16 Fidelity Global Balanced Portfolio	F	0.70%	1.87%	0.34	-0.13%	0.82	0.6535	0.7901	0.8469	0.1951	-0.9%	10.7%	11.4%	8.6%	2.46
17 BMO FundSelect Growth Portfolio	F	0.72%	1.96%	0.33	-0.17%	0.87	0.7974	0.8287	0.8690	-0.0455	1.1%	11.1%	12.7%	8.7%	2.66
18 CI Portfolio Series Balanced Growth Fund Class A	F	0.72%	1.96%	0.33	-0.16%	0.86	0.8097	0.8408	0.8542	-0.1009	1.6%	9.6%	11.9%	8.7%	2.46
19 TD Advantage Growth Portfolio	F	0.71%	1.98%	0.32	-0.15%	0.84	0.8432	0.7942	0.8452	-0.0871	1.0%	10.0%	11.8%	8.7%	2.29
20 CI Portfolio Series Growth Fund Class A	F	0.76%	2.21%	0.31	-0.20%	0.95	0.8258	0.8309	0.8375	-0.1707	2.2%	10.1%	13.0%	9.3%	2.47
21 Renaissance Optimal Inflation Opportunities Portfoli	F	0.70%	2.06%	0.31	-0.12%	0.91	0.4113	0.5462	0.8011	0.5321	-1.4%	8.1%	8.3%		2.44
22 TD Mgd Index Aggressive Growth Portfolio	F	0.71%	2.10%	0.30	-0.25%	0.94	0.8087	0.8293	0.8854	-0.0309	1.3%	11.2%	13.4%	8.8%	1.63
23 SEI Growth 80/20 Class S	F	0.71%	2.11%	0.30	-0.22%	0.91	0.8441	0.8218	0.8437	-0.0931	2.0%	10.7%	12.7%	8.6%	1.87
24 TD Mgd Aggressive Growth Portfolio	F	0.72%	2.21%	0.29	-0.28%	0.98	0.8033	0.8359	0.8759	-0.0717	0.7%	10.7%	13.0%	8.7%	2.51
25 CC&L Balanced Growth Portfolio	F	0.57%	1.72%	0.29	-0.19%	0.83	0.8889	0.7449	0.8158	-0.0722	1.6%	6.1%	9.2%	6.8%	2.14
26 Marquis Growth Portfolio	F	0.73%	2.35%	0.28	-0.27%	0.99	0.8009	0.7952	0.8270	-0.1410	2.3%	11.8%	12.5%	8.8%	2.49
27 SEI Growth 70/30 Class P	F	0.58%	1.85%	0.27	-0.24%	0.80	0.8427	0.8138	0.8399	-0.0335	1.5%	9.2%	10.4%	7.0%	2.66

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# Paterson & Associates - Monthly WRAP Fund Report

April 2015

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Name	Rating	Average Monthly Return	Monthly Standard Deviation	Sharpe Ratio	Alpha	Beta	Correlations				Returns				
							TSX	S&P 500	MSCI EAFE	DEX Universe Bond	3 Month	1 Year	3 Year	5 Year	MER
28 SEI Growth 80/20 Fund Class - P	F	0.65%	2.11%	0.27	-0.28%	0.91	0.8442	0.8217	0.8438	-0.0924	1.8%	9.8%	11.8%	7.8%	2.65
29 Franklin Quotential Growth Portfolio A	F	0.67%	2.22%	0.27	-0.31%	0.97	0.7908	0.7854	0.8864	-0.0695	2.3%	13.1%	12.7%	8.1%	2.38
30 AGF Elements Growth Portfolio	F	0.61%	2.09%	0.26	-0.34%	0.93	0.7686	0.8294	0.8667	0.0110	0.1%	9.7%	10.8%	7.3%	2.36
31 Quadrus Advanced Folio	F	0.59%	2.04%	0.25	-0.27%	0.84	0.8949	0.7729	0.8226	-0.1414	1.6%	6.3%	10.2%	7.0%	0.11
32 Invesco Intactive Growth Portfolio Series A	F	0.56%	2.04%	0.24	-0.22%	0.77	0.8825	0.6495	0.7749	-0.0943	1.9%	5.9%	7.6%	6.6%	2.35
33 Dynamic Diversified Real Asset Fund	F	0.23%	3.50%	0.04	-0.54%	1.24	0.6948	0.1984	0.3752	0.2586	-2.6%	4.1%	0.1%	2.0%	2.44
<b>Category Average</b>		<b>0.70%</b>	<b>2.01%</b>	<b>0.33</b>	<b>-0.10%</b>	<b>0.90</b>	<b>0.7669</b>	<b>0.7728</b>	<b>0.8217</b>	<b>0.0194</b>	<b>1.0%</b>	<b>9.9%</b>	<b>11.3%</b>	<b>8.1%</b>	<b>2.09</b>

## Aggressive Growth Portfolios

Typical Asset Mix: 0% - 20% Fixed Income / 80% - 100% Equity

1 Empire Life Emblem Aggressive Growth Portfolio	A	0.96%	1.93%	0.46	0.66%	0.46	0.8243	0.6606	0.6909	-0.0255	2.3%	8.3%	12.6%		2.54
2 Quadrus Aggressive Folio	C	0.67%	2.57%	0.23	0.13%	0.81	0.9058	0.7626	0.7970	-0.2294	2.4%	6.4%	12.0%	7.9%	0.14
3 BMO Matchmaker Aggressive Growth Portfolio	D	0.85%	2.44%	0.32	-0.10%	0.79	0.8396	0.8162	0.8070	-0.1424	1.6%	11.5%	15.2%	10.3%	0.00
4 TD U.S. Equity Portfolio	F	1.33%	2.96%	0.42	-0.23%	1.08	0.5229	0.9595	0.6882	-0.0626	-1.3%	25.2%	22.8%	16.5%	2.49
5 BMO FundSelect Aggressive Growth Portfolio	F	0.84%	2.34%	0.33	-0.11%	0.79	0.8031	0.8337	0.8648	-0.1090	2.2%	14.0%	15.7%	10.2%	2.83
6 BMO SelectClass Aggressive Growth Portfolio	F	0.89%	2.53%	0.32	-0.12%	0.84	0.7670	0.8349	0.8379	-0.0401	0.7%	15.4%	15.4%	10.8%	2.71
7 TD Mgd Index Max Eqty Growth Portfolio	F	0.86%	2.54%	0.31	-0.19%	0.88	0.8108	0.8402	0.8954	-0.1069	2.1%	12.3%	15.9%	10.4%	1.68
8 Franklin Quotential Global Growth Portfolio A	F	0.85%	2.68%	0.29	-0.26%	0.93	0.6783	0.8376	0.9181	-0.0779	3.2%	16.5%	16.2%	10.3%	2.54
9 TD Advantage Aggressive Growth Portfolio	F	0.77%	2.45%	0.29	-0.18%	0.79	0.8583	0.7943	0.8313	-0.1774	1.6%	10.7%	13.5%	9.3%	2.28
10 SEI Global Growth 100 Fund Class - P	F	0.83%	2.66%	0.28	-0.27%	0.92	0.7725	0.8616	0.8779	-0.1488	2.4%	12.9%	15.8%	10.0%	2.76
11 CI Portfolio Series Maximum Growth Fund Class A	F	0.83%	2.68%	0.28	-0.22%	0.87	0.8332	0.8236	0.8157	-0.2314	2.9%	11.1%	14.7%	9.9%	2.45
12 SEI Growth 100 Class S	F	0.78%	2.65%	0.27	-0.27%	0.87	0.8553	0.8170	0.8312	-0.1905	2.8%	11.8%	14.9%	9.4%	1.93
13 TD Mgd Max Equity Growth Portfolio	F	0.77%	2.68%	0.26	-0.32%	0.91	0.8126	0.8380	0.8675	-0.1396	1.2%	12.0%	14.7%	9.2%	2.65
14 Marquis Equity Portfolio	F	0.83%	2.95%	0.26	-0.31%	0.95	0.8034	0.7880	0.8186	-0.1920	2.6%	13.6%	14.6%	9.8%	2.71
15 DynamicEdge Equity Portfolio	F	0.77%	2.80%	0.25	-0.27%	0.87	0.7719	0.7707	0.7784	-0.1371	3.8%	16.7%	15.0%	9.1%	2.42
16 Counsel All Equity Portfolio	F	0.83%	3.06%	0.25	-0.37%	1.00	0.8038	0.7975	0.8476	-0.1470	0.5%	9.3%	14.6%	9.9%	3.09
17 DynamicEdge Equity Class Portfolio	F	0.77%	2.80%	0.25	-0.28%	0.87	0.7749	0.7699	0.7818	-0.1326	3.7%	16.5%	15.0%	9.1%	2.46
18 Invesco Intactive Maximum Growth Portfolio Ser A	F	0.67%	2.54%	0.24	-0.23%	0.75	0.8784	0.6895	0.7811	-0.2647	3.6%	6.4%	10.7%	7.9%	2.37
19 AGF Elements Global Portfolio	F	0.65%	2.70%	0.21	-0.47%	0.93	0.7560	0.8478	0.8916	-0.0799	0.6%	11.8%	12.7%	7.7%	2.53
20 BMO Equity Growth ETF Portfolio Fund	F	0.72%	3.12%	0.21	-0.26%	0.82	0.8380	0.6473	0.7425	-0.1646	3.0%	16.8%	11.4%		1.78
<b>Category Average</b>		<b>0.82%</b>	<b>2.65%</b>	<b>0.29</b>	<b>-0.18%</b>	<b>0.86</b>	<b>0.7955</b>	<b>0.7995</b>	<b>0.8182</b>	<b>-0.1400</b>	<b>2.1%</b>	<b>13.0%</b>	<b>14.7%</b>	<b>9.9%</b>	<b>2.22</b>

# Paterson & Associates—Monthly WRAP Fund Report

## Methodology & Ratings Definitions

April 2015

### Methodology:

Fund Ratings which are highlighted in Green indicate an upgraded rating from the previous month. Fund Ratings highlighted in Red indicate a downgraded rating from the previous month. Only funds with greater than 36 months of data are eligible to receive a rating.

The period under review is the most recent 60 month period, or the inception date of the fund, whichever is shorter.

To determine our rankings, fund returns are scored on six key risk reward metrics. The scores are totaled and a rating assigned based on the results.

Fund Score	Rating
More than 80%	A
65% to 80%	B
55% to 65%	C
40% to 55%	D
Below 40%	F

The metrics are:

**Alpha** – This is the excess return that a manager has been able to generate. The higher the Alpha, the higher the score.

**Sharpe Ratio** – This is a measure of risk adjusted performance. It measures how much return an investment has delivered for each unit of risk assumed. The higher the Sharpe Ratio, the more return the investment has delivered for each unit of risk.

**Standard Deviation** – this is a measure of volatility or risk. It measures the fluctuation that an investment has exhibited. The higher the standard deviation, the more fluctuation the fund has shown, so the lower the score it receives in the ratings model

**Information Ratio** – is a measure of how consistently a manager has outperformed its benchmark. It is basically the Sharpe Ratio of the monthly excess returns. Like with the Sharpe Ratio, the higher the better.

**Batting Average** – this is another measure of how consistently the fund has outperformed. While the information ratio will factor in the level of outperformance, batting average is a measure of how frequently. It's like the win/loss percentage in baseball. A batting average of 500 means it has outperformed as often as it has underperformed. The model favours funds that win more than they lose. The higher the batting average, the better the score.

**R-Squared** – This is a statistical measure that shows how much of the return of an investment are the result of the benchmark. The higher the R-Square, the more the fund behaves like the benchmark. And as we know, if you want to beat the benchmark, you can't be the benchmark. The model favours those funds that have a lower R-Squared.

# Paterson & Associates—Monthly WRAP Fund Report

## Disclaimer

April 2015

Information is from sources believed to be reliable. Every effort is made to ensure its accuracy, however, we cannot be responsible for inaccuracies or omissions in any of the data.

Information used in this analysis is historic in nature. Past performance is no guarantee of future performance.

**Monthly Standard Deviation** is the most recent 60 month historical standard deviation of returns.

**Sharpe Ratio** is a measure of risk adjusted returns. The higher the ratio, the better the manager has been at delivering more return for less risk.

**Alpha** represents the excess return which the manager has been able to deliver over and above the applicable benchmark.

**Beta** represents the volatility of the fund relative to its applicable benchmark. A beta of one means that there is a level of volatility equal that of the benchmark. A beta in excess of one indicates that the volatility is greater than the benchmark, while a beta of less than one indicates that volatility is less than the benchmark.

**Correlation** measures the similarity in return patterns between the fund and a benchmark. The correlation will range between  $-1$  and  $+1$ . A correlation close to  $+1$  indicates that the fund and the index have very similar return patterns. A correlation close to  $-1$  indicates that the returns are almost opposite, while a correlation close to zero indicates no relationship.

Historic returns are calculated using the monthly return data in our database. Slight variations in return results will be attributable to decimal rounding and number truncation. Past performance does not guarantee future performance.

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## About Us:

Paterson & Associates is an independent consulting firm specializing in providing research and due diligence on a number of different investment products including mutual funds, hedge funds and other exempt market products. In addition Paterson & Associates offers fully customized portfolio optimization solutions to independent financial planners.

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