

APPLIED RESEARCH INVESTMENTS

MONTHLY PORTFOLIO COMMENTARY

December 8, 2020

To:

Leading Edge Investment Advisors

ARI Account Number: U18A103

Client Name: NYCERS Custodian Account: N1YS

Portfolio Manager: Mark Lin, CIO

Contact: (514) 907-9473 ext. 101, lin@arinvgroup.com

Account Representative: Amira Strasser, CEO Contact: (212) 419-0573, strasser@arinvgroup.com

Portfolio Commentary for the month of November 2020:

The results of the US elections and the high efficacy test rates of two major COVID vaccines have triggered a rotation from perceived growth stocks to value stocks. Since the portfolio invests only in growth companies, it underperformed its benchmark for the month of November. Materials, energy, healthcare and consumer staple sectors were the main performance laggards.

Market Outlook:

The quarter... In Q3/20, the ARI ACWI ex US. strategy significantly outperformed the MSCI ACWI ex US Index by approximately +410 basis points, driven by stock selection.

ARI's View...

- By the end of summer, it has become evident that COVID is likely to be a part of daily life on a multi-year basis and the global economic recovery is subsequently likely to progress at a slow pace, with the exception of China. Major developed economies are experiencing the second waves of re-surging COVID cases whereas the large Emerging economies, except China, are still having difficulty containing the first wave.
- We are surprised that default rates in the commercial property, energy and SME sectors have been relatively moderate and continue to monitor them closely.
- Similar to Q2, we view the current risk/reward proposition of equity markets as unfavorable given high valuations and modest growth prospects for major economies through 2021.

Risks ARI is Monitoring... 1. Sustained high unemployment rates and the state of the labor market, 2. the virus' potential permanent impact, 3. Disorderly transition of power post the U.S. Presidential election, 4. market dislocation due to massive liquidity injection by central banks, 5. US-China relations, 6. rapidly increasing sovereign debt levels, 7. vulnerable emerging market economies (except China), 8. SME bankruptcy rates and default risks related to the commercial property and energy sectors, and 9. overall equity valuations in the developed markets.

Portfolio Positioning... we have increased the diversification of our strategies and the weights of companies that are able to deliver revenues and earnings growth despite the economic slowdown related to COVID-19.



Statement of Performance

For the Period: November 01, 2020 - November 30, 2020

Account No: U18A103

Custodian Account No: N1YS

Account Activity Summary

Fund Balance Details:

Contribution Since Inception ¹	Beginning Market Value	Contributions/ (Redemptions)	Portfolio Profit/(Loss)	Gross Ending Market Value	Management Fees	Net Market Value
\$17,797,664.43 ²	\$25,762,784.33	(\$40,542.31)	\$2,938,681.42	\$28,660,923.43	\$0.00	\$28,660,923.43

Contribution/(Redemption) Details

DateActivity DescriptionAmount Amount Amount Amount Description11/16/2020Redemption\$40,542.31

Account Performance Summary		MTD %	QTD %	YTD %	One Year %	Since Inception ¹ %
Strategy: U18A103	Gross	11.41%	8.95%	20.25%	24.88%	27.59%
	Net	11.41%	8.95%	20.02%	24.53%	27.23%
Benchmark: MSCI AC World ExUS N	TR INDEX	13.45%	11.01%	4.98%	9.52%	13.53%

Note: Unless specifically noted, the performance shown reflect the deduction for management fees, accrued performance allocations, all expenses of the strategy/account, net interest and the reinvestment of dividends, and include gains or losses from "new issues," if any. Actual returns for a particular investor will vary depending upon, among other things, the level of fees charged, whether such investor participates in new issues and the timing of subscriptions and redemptions. In the event of any discrepancy between the information contained herein and the information contained in an investor's monthly account statement, the latter shall govern.

- 1. Inception Date: January 01, 2019.
- 2. Initial contribution made on December 28, 2018.

All amounts reflected in USD



Holdings Report As of: 30 November, 2020 Book Mkt Book Mkt **Security Description** % of % Div Security Quantity Share Listing Value Value Value Value Price Currency Yield Type Fund (In Local Currency) (In Fund Currency) Account No: U18A103 Custodian Account No: N1YS FC - Fund Currency USD **Net Assets Accrued Investment Income and Expenses** Brazil Brazilian Real Currencies 0.0 % 9,740 1.00 BRL 9,740 9,740 1,818 1,818

Total for Brazil		0.0 %					1,818	1,818
Japan								
Japanese Yen	Currencies	0.0 %	493,340	1.00 JPY	493,340	493,340	4,725	4,725
Total for Japan		0.0 %					4,725	4,725
Total for Accrued Investment Income and Exp	enses	0.0 %				_	6,543	6,543

Cash and Due Upon Settlement

United States

Cash	Currencies	2.8 %	810,533	0.00	USD	 810,533	810,533	 810,533	810,533	
Total for United States		2.8 %						810,533	810,533	
Total for Cash and Due Upon Settlement		2.8 %						 810,533	810,533	

Investments

Australia

REA GROUP LTD	Equity	2.7 %	7,376	145.24 AUD	638,566 1,071,290	441,981 786,327	0.8 %

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As of: 30 November, 2020

Holdings Report

Security Description	Security Type	% of Fund	Quantity	Share Price	Listing Currency	Book Value	Mkt Value	Book Value	Mkt Value	% Di Yield
	Турс					(In Local	Currency)	(In Fund	Currency)	
CSL LTD	Equity	3.2 %	4,224	297.38	AUD	787,734	1,256,133	554,486	922,002	1.0
Total for Australia		6.0 %						996,467	1,708,329	
Brazil										
RAIA DROGASIL SA	Equity	2.5 %	147,140	25.85	BRL	3,234,984	3,803,569	608,776	709,846	0.5
Total for Brazil		2.5 %						608,776	709,846	
Canada										
METRO INC/CN	Equity	1.4 %	8,601	59.66	CAD	487,536	513,136	338,426	395,084	1.5 9
CANADIAN PACIFIC RAILWAY LTD CONSTELLATION SOFTWARE INC	Equity Equity	1.8 % 2.0 %	1,592 465	419.57 1,608.28	CAD CAD	633,049 533,490	667,955 747,850	478,353 404,297	514,287 575,801	0.8
SHOPIFY INC - CLASS A	Equity	3.7 %	991	1,397.77	CAD	624,387	1,385,190	469,531	1,066,515	0.5
Total for Canada		8.9 %						1,690,608	2,551,687	
Denmark										
NOVO NORDISK A/S-B	Equity	1.6 %	6,896	419.70	DKK	2,572,932	2,894,251	383,565	463,785	2.0
DSV Panalpina A/S	Equity	2.6 %	4,778	984.60	DKK	4,815,396	4,704,419	758,338	753,853	0.3
Total for Denmark		4.2 %						1,141,903	1,217,638	
France										
BIOMERIEUX	Equity	1.4 %	2,833	120.80	EUR	233,962	342,226	263,792	408,208	0.2
PERNOD RICARD SA	Equity	2.1 %	3,205	160.00	EUR	480,237	512,800	541,434	611,668	2.0
LVMH MOET HENNESSY LOUIS VUI TELEPERFORMANCE	Equity Equity	2.9 % 3.0 %	1,429 2,546	482.90 279.20	EUR EUR	408,278 351,348	690,064 710,843	458,966 402,012	823,108 847,894	1.0 ° 0.9 °
Total for France		9.4 %						1,666,204	2,690,878	
Germany										
SYMRISE AG	Equity	2.0 %	4,552	105.00	EUR	404,689	477,960	461,559	570,111	0.9
DEUTSCHE BOERSE AG	Equity	2.7 %	4,677	139.75	EUR	665,113	653,611	730,382	779,627	2.1
Total for Germany		4.7 %						1,191,941	1,349,738	
India										
ICICI BANK LTD-SPON ADR	Equity	1.3 %	29,251	12.86	USD	355,090	376,168	355,090	376,168	0.3 9
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Holdings Report

As of: 30 November, 2020

Security Description	Security	% of	Quantity	Share	Listing	Book Value	Mkt Value	Book Value	Mkt Value	% Di
	Type	Fund		Price	Currency		l Currency)		Currency)	Yiel
						(223		(2 3		
INFOSYS LTD-SP ADR	Equity	1.5 %	29,002	15.22	USD	313,693	441,410	313,693	441,410	1.9
HDFC BANK LTD-ADR	Equity	4.0 %	16,580	69.00	USD	843,430	1,144,020	843,430	1,144,020	0.7
Total for India		6.8 %						1,512,212	1,961,598	
Indonesia										
BANK RAKYAT INDONESIA-UN ADR	Equity	1.9 %	37,708	14.38	USD	478,892	542,241	478,892	542,241	3.6
BANK RAKYAT INDONESIA PERSER BANK CENTRAL ASIA	Equity Equity	0.8 % 1.3 %	821,600 173,834	4,090.00 31,025.00	IDR IDR	3,063,780,779 3 5,074,656,599 5		217,293 350,377	237,985 381,955	4.1 1.8
Total for Indonesia	4. 0	4.1 %	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				1,046,561	1,162,180	
Ireland										
ICON PLC	Equity	1.9 %	2,855	194.88	USD	386,488	556,382	386,488	556,382	
Total for Ireland		1.9 %						386,488	556,382	
Italy										
DIASORIN SPA	Equity	2.4 %	3,297	176.60	EUR	258,178	582,250	294,403	694,508	0.5
Total for Italy		2.4 %						294,403	694,508	
Japan										
M3 INC	Equity	1.4 %	4,400	9,622.00	JPY	36,043,348	42,336,800	347,172	405,525	0.1
DAIKIN INDUSTRIES LTD	Equity	2.6 %	3,293	23,665.00	JPY	38,511,635	77,928,845	349,439	746,445	0.7
RECRUIT HOLDINGS CO LTD	Equity	3.6 %	24,200	4,400.00	JPY	64,432,500	106,480,000	584,634	1,019,923	0.6
Total for Japan		7.6 %						1,281,244	2,171,893	
Korea										
SAMSUNG ELECTRONICS CO LTD	Equity	1.3 %	6,100	66,700.00	KRW	360,691,327	406,870,000	319,026	367,726	2.1
Total for Korea		1.3 %						319,026	367,726	
Mexico										
GRUPO AEROPORTUARIO PAC-ADR	Equity	1.5 %	4,329	102.03	USD	258,134	441,688	258,134	441,688	2.2
WALMART DE MEXICO SAB DE CV	Equity	2.2 %	242,304	53.25	MXN	13,284,087	12,902,688	677,718	638,333	2.4
Total for Mexico		3.8 %						935,852	1,080,021	

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As of: 30 November, 2020

Holdings Report

Security Description	Security	% of Fund	Quantity	Share Price	Listing Currency	Book Value	Mkt Value	Book Value	Mkt Value	% Div Yield
	Туре	runu		11100	Currency	(In Local	Currency)	(In Fund	Currency)	Tielu
Netherlands										
ASML HOLDING NV KONINKLIJKE DSM NV	Equity Equity	3.1 % 3.2 %	2,039 5,562	363.85 137.30	EUR EUR	592,181 388,784	741,890 763,663	665,476 444,846	884,927 910,897	0.7 % 1.8 %
Total for Netherlands		6.3 %						1,110,322	1,795,823	
New Zealand										
FISHER & PAYKEL HEALTHCARE C	Equity	3.6 %	41,367	33.56	AUD	627,394	1,388,277	425,105	1,018,995	0.8 %
Total for New Zealand		3.6 %						425,105	1,018,995	
Poland										
DINO POLSKA SA	Equity	3.9 %	16,652	252.20	PLN	2,102,016	4,199,634	545,673	1,119,127	
Total for Poland		3.9 %						545,673	1,119,127	
Switzerland										
LONZA GROUP AG-REG LOGITECH INTERNATIONAL-REG NESTLE SA-REG SIKA AG-REG	Equity Equity Equity Equity	1.2 % 1.3 % 1.5 % 3.7 %	555 4,079 3,788 4,116	569.60 80.38 101.18 231.90	CHF CHF CHF	265,094 311,480 385,612 650,194	316,128 327,870 383,270 954,500	274,908 339,709 393,384 656,687	347,890 360,812 421,778 1,050,402	0.5 % 1.0 % 2.7 % 1.0 %
Total for Switzerland		7.6 %			_			1,664,689	2,180,883	
Taiwan										
TAIWAN SEMICONDUCTOR-SP ADR	Equity	4.2 %	12,395	97.02	USD	640,399	1,202,563	640,399	1,202,563	1.7 %
Total for Taiwan		4.2 %						640,399	1,202,563	
United Kingdom										
DIAGEO PLC EXPERIAN PLC	Equity Equity	2.2 % 2.5 %	16,346 19,942	2,880.00 2,646.00	GBP GBP	468,867 469,561	470,765 527,665	598,518 575,151	627,529 703,378	2.4 % 1.4 %

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Holdings Report

As of: 30 November, 2020

Security Description	Security Type	% of Fund	Quantity	Share Price	Listing Currency	Book Value	Mkt Value	Book Value	Mkt Value	% Div Yield
	-JPC				•	(In Local	Currency)	(In Fund	(In Fund Currency)	
LONDON STOCK EXCHANGE GROUP	Equity	3.4 %	9,006	8,106.00	GBP	462,023	730,026	596,005	973,125	0.9 %
Total for United Kingdom		8.0 %						1,769,674	2,304,032	
Total for Investments		97.1 %						19,227,546	27,843,847	
Total for Net Assets		100.0 %						20,044,622	28,660,923	
Total for N1YS		100.0 %						20,044,622	28,660,923	

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For the Period: 1 November, 2020 -

- 30 November, 2020

Transaction Report

For the Period: 1 No	vember, 2020 - 30 November, 2020		11 alisactivi	ricport			
Transaction Type	Description	Quantity	Trade Date	Settlement Date	Price	Cashflow	Notes
Account No :	: U18A103						
Custodian A	ccount No: N1YS						
CAD							
DivIncome	METRO INC/CN	1,935.23	22 Oct 2020	10 Nov 2020	1.0000 CAD	1,935.23	Cash dividend
Sell	Canada Dollar	1,935.23	10 Nov 2020	12 Nov 2020	0.7664 CAD	-1,935.23	
Sell	CGI INC	5,943.00	11 Nov 2020	13 Nov 2020	92.9803 CAD	552,522.49	To fund purchases
ell	Canada Dollar	552,522.49	12 Nov 2020	13 Nov 2020	0.7605 CAD	-552,522.49	
Total for CAD						0.00	
CHF							
Purchase	LOGITECH INTERNATIONAL-REG	4,079.00	11 Nov 2020	13 Nov 2020	76.3236 CHF	-311,479.63	Building position
Purchase	Swiss Franc	311,479.63	12 Nov 2020	13 Nov 2020	1.0945 CHF	311,479.63	
Total for CHF						0.00	
DKK							
Purchase	DSV Panalpina A/S	2,675.00	30 Oct 2020	03 Nov 2020	1,034.4848 DKK	-2,768,630.46	Building position
Purchase	Danish Krone	2,768,630.46	02 Nov 2020	03 Nov 2020	0.1565 DKK	2,768,630.46	
Total for DKK						0.00	
EUR							
DivTaxes	ASML HOLDING NV	367.02	02 Nov 2020	13 Nov 2020	1.0000 EUR	-367.02	Dividend tax on cash dividend
DivIncome	ASML HOLDING NV	2,446.80	02 Nov 2020	13 Nov 2020	1.0000 EUR	2,446.80	Cash dividend
fiscIncome	AIRBUS SE	1,011.53	09 Nov 2020	09 Nov 2020	1.0000 EUR	1,011.53	Tax reclaim on dividend pay date 20190417
ell	Euro	1,011.53	09 Nov 2020	10 Nov 2020	1.1852 EUR	-1,011.53	
Sell	HEINEKEN NV	3,431.00	12 Nov 2020	16 Nov 2020	90.8997 EUR	311,720.93	Compliance trade
Sell	Euro	311,720.93	13 Nov 2020	16 Nov 2020	1.1812 EUR	-311,720.93	

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For the Period: 1 November, 2020 - 30 November, 2020

Transaction Report

For the Period: 1 No	vember, 2020 - 30 November, 2020		11 ansaction	rteport			
Transaction Type	Description	Quantity	Trade Date	Settlement Date	Price	Cashflow	Notes
Account No :	U18A103						
Custodian A	ecount No: N1YS						
Sell	Euro	2,079.78	13 Nov 2020	16 Nov 2020	1.1772 EUR	-2,079.78	
Total for EUR						0.00	
JPY							
Purchase	M3 INC	4,400.00	20 Nov 2020	25 Nov 2020	8,187.5761 JPY	-36,043,348.00	Initiating position
Purchase	Japanese Yen	36,043,348.00	23 Nov 2020	25 Nov 2020	0.0096 JPY	36,043,348.00	
Total for JPY						0.00	
MXN							
DivIncome	WALMART DE MEXICO SAB DE CV	72,691.20	23 Nov 2020	25 Nov 2020	1.0000 MXN	72,691.20	Cash dividend
DivIncome	WALMART DE MEXICO SAB DE CV	109,036.80	23 Nov 2020	25 Nov 2020	1.0000 MXN	109,036.80	Cash dividend
Sell	Mexican Peso	181,728.00	26 Nov 2020	27 Nov 2020	0.0499 MXN	-181,728.00	
Total for MXN						0.00	
PLN							
Sell	DINO POLSKA SA	1,551.00	06 Nov 2020	10 Nov 2020	274.8014 PLN	425,577.64	Compliance trade
Sell	Polish Zloty	425,577.64	09 Nov 2020	10 Nov 2020	0.2631 PLN	-425,577.64	
Total for PLN						0.00	
USD							
DivIncome	INFOSYS LTD-SP ADR	6,905.47	23 Oct 2020	16 Nov 2020	1.0000 USD	6,905.47	Cash dividend
IntIncomeNonTrading	United States Dollar	50.50	02 Nov 2020	02 Nov 2020	1.0000 USD	50.50	Interest income
Purchase	Danish Krone	2,768,630.46	02 Nov 2020	03 Nov 2020	0.1565 USD	-433,346.03	
Sell	Euro	1,011.53	09 Nov 2020	10 Nov 2020	1.1852 USD	1,198.91	
Sell	Polish Zloty	425,577.64	09 Nov 2020	10 Nov 2020	0.2631 USD	111,983.21	
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For the Period: 1 November, 2020 - 30 November, 2020

Transaction Report

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Transaction Type	Description	Quantity	Trade Date	Settlement Date	Price	Cashflow	Notes
Account No:	U18A103						
Custodian Ac	count No: N1YS						
Sell	Canada Dollar	1,935.23	10 Nov 2020	12 Nov 2020	0.7664 USD	1,483.16	
ell	INFOSYS LTD-SP ADR	13,158.00	10 Nov 2020	13 Nov 2020	14.5267 USD	191,006.52	Compliance trade
urchase	Swiss Franc	311,479.63	12 Nov 2020	13 Nov 2020	1.0945 USD	-340,929.08	
ell	Canada Dollar	552,522.49	12 Nov 2020	13 Nov 2020	0.7605 USD	420,201.15	
ell	Euro	311,720.93	13 Nov 2020	16 Nov 2020	1.1812 USD	368,192.29	
ell	Euro	2,079.78	13 Nov 2020	16 Nov 2020	1.1772 USD	2,448.34	
ivExpense	INFOSYS LTD-SP ADR	1,283.06	16 Nov 2020	16 Nov 2020	1.0000 USD	-1,283.06	Dividend adj.
ransAcct	United States Dollar	0.00	16 Nov 2020	16 Nov 2020	1.0000 USD	-40,542.31	Redemption from U18A103 to zzzConCapUSD
ransAcctin	United States Dollar	0.00	16 Nov 2020	16 Nov 2020	1.0000 USD	40,542.31	Redemption from U18A103 to zzzConCapUSD
ell	TAIWAN SEMICONDUCTOR-SP ADR	493.00	17 Nov 2020	19 Nov 2020	96.4863 USD	47,561.77	Compliance trade
urchase	Japanese Yen	36,043,348.00	23 Nov 2020	25 Nov 2020	0.0096 USD	-345,299.02	
ell	Mexican Peso	181,728.00	26 Nov 2020	27 Nov 2020	0.0499 USD	9,069.67	
fiscAdjExp	United States Dollar	73.30	30 Nov 2020	30 Nov 2020	1.0000 USD	-73.30	Invoice paid
otal for USD						39,170.50	

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Commissions 01 Nov 20 - 30 Nov 20

	Total \$ Consideration FC	Total Commission FC	% Commission	Trade Count	# of Shares
U18A103					
Loop Capital Global Cash	1,269,561.36 USD	562.31 USD	64.04 %	5	16,466
Pictet	559,055.42 USD	315.70 USD	35.96 %	2	16,589
Total	1,828,616.78 USD	878.01 USD	100.00 %	7	33,055

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