

APPLIED RESEARCH INVESTMENTS

MONTHLY PORTFOLIO COMMENTARY

November 5, 2021

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 October 2021:

The portfolio outperformed its benchmark in October as investors favored growth stocks versus value stocks. The stocks in the IT, consumer discretionary, communication services sectors were the performance leaders, whereas those in the financial services and healthcare sectors were the laggards.

Market Outlook:

- The Quarter...In Q3-21, U18A103 outperformed the benchmark MSCI ACWI ex. US Index by +0.36%, the account declined -2.63% in the period.
 - During the period, the decline in the global equity markets reflected the increased volatility due to rising regulatory risks in China, uncertainties related to the impact of Evergrande's potential default, higher US bond yields and a strong rotation from growth to value in the last week of September.
 - As equity markets face uncertainties related to inflation, growth, high valuation and China, ARI believes investing in companies that have a clear growth path forward, funded by internally generated cashflow and command a strong market position offer a favorable risk/reward versus the broader market. ARI has seen volatility and these temporary sector rotations in the past and continues to stick to its investment process.

ARI's View...

- During the period, there were increasing signs of gradual deceleration in industrial activities in the U.S. and China (the two main engines of global GDP growth), exacerbated by supply chain constraints, labor shortages and rising input costs. The Eurozone and large emerging economies, excluding China, are on track to slowly return to growth, although the latter continue to face enormous challenges combatting the Covid Delta variant.
- In order to better understand the recent regulatory changes in China, ARI established a framework to categorize the recent events: (1) limiting the dominance of powerful corporate players (2) promoting common prosperity to reduce income/wealth inequality (3) evolving social values (4) reinvigorating long term population growth and therefore long term sustainable economic growth. This framework allowed ARI to understand the factors that drove changes and analyze companies accordingly.
- Recently, evidence has clearly emerged that the Chinese property sector has reached a point it needs to undergo
 deleveraging. One such consequence of excessive property lending has been illustrated in the potential default of
 Evergrande, which can hopefully be carried out in an orderly manner.
- Risks ARI is Monitoring... 1. Further increase in US bond yields. 2. High equity market valuation. 3. A resurgence of COVID Delta variant. 4. US-China relations. 5. China: regulatory/policy changes (powerful corporates, common prosperity, evolving social values, measure to promote population growth) and the highly leveraged property sector. 6. Potential impact of rapidly increasing sovereign debt levels in a rising yield environment.
- Portfolio Positioning...the ARI ACWI ex US Strategy significantly reduced its exposure to Chinese equities after concluding
 that further changes related to ARI's Chinese Policy framework are likely to take place. The proceeds from the sale of
 Chinese stocks were mainly redeployed to purchase Infosys, Atlas Copco, and Thomson Reuters. Each company fits ARI's
 investment criteria well, and helps keep the growth drivers of the portfolio companies diversified.



Statement of Performance

For the Period: October 01, 2021 - October 31, 2021

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
\$17,660,334.94²	\$31,113,248.27	\$0.00	\$1,413,910.92	\$32,527,159.19	\$0.00	\$32,527,159.19

Contribution/(Redemption) Details

Date Activity Amount Description

Account Performance Summary		MTD %	QTD %	YTD %	One Year %	Since Inception ¹ %
Strategy: U18A103	Gross	4.54%	4.54%	8.29%	26.99%	23.49%
	Net	4.54%	4.54%	7.96%	26.50%	23.04%
Benchmark : MSCI AC World ExUS N	NTR INDEX	2.39%	2.39%	8.43%	29.66%	14.22%

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

Security Description	Security Type	% of Fund	Quantity	Share Listing Price Currency	Book Mkt Value Value	Book Mkt Value Value	% Div Yield
	71			•	(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 %	3,335	1.00	BRL	_	3,335	3,335	591	591
Total for Brazil		0.0 %							591	591
Japan										
Japanese Yen	Currencies	0.0 %	504,870	1.00	JPY		504,870	504,870	4,430	4,430
Total for Japan		0.0 %				-		_	4,430	4,430
United States										
Cash	Currencies	0.0 %	6,924	0.00	USD		6,924	6,924	6,924	6,924
Total for United States		0.0 %							6,924	6,924
Total for Accrued Investment Income and Expenses		0.0 %							11,945	11,945
Cash and Due Upon Settlement										
Japan										
Japanese Yen	Currencies	1.0 %	35,629,309	1.00	JPY		35,629,309	35,629,309	312,620	312,620
Total for Japan		1.0 %							312,620	312,620

Page 1 of 5 Generated: 04 Nov 21 14:48



Holdings Report

Security Description	Security Type	% of Fund	Quantity	Share Price	Listing Currency	Book Value	Mkt Value	Book Value	Mkt Value	% Div Yield
	Турс					(In Local	Currency)	(In Fund	Currency)	
Sweden										
Swedish Krona settling 01 Nov 21 Swedish Krona	Currencies Currencies	0.0 % 0.0 %	-64,105 64,105	1.00 1.00	SEK SEK	-64,105 64,105	-64,105 64,105	-7,465 7,465	-7,465 7,465	
Total for Sweden		0.0 %						0	0	
United States										
Cash Cash	Currencies Currencies	0.0 % 0.4 %	7,507 141,054	0.00 0.00	USD USD	7,507 141,054	7,507 141,054	7,507 141,054	7,507 141,054	
Total for United States		0.5 %						148,561	148,561	
Total for Cash and Due Upon Settlement		1.4 %					_	461,181	461,181	
Investments										
Australia										
CSL LTD REA GROUP LTD	Equity Equity	1.2 % 2.8 %	1,789 7,538	300.49 160.14	AUD AUD	338,266 663,699	537,577 1,207,135	239,106 461,449	404,419 908,128	1.0 % 0.8 %
Total for Australia		4.0 %						700,554	1,312,547	
Canada										
CANADIAN PACIFIC RAILWAY LTD THOMSON REUTERS CORP SHOPIFY INC - CLASS A CONSTELLATION SOFTWARE INC	Equity Equity Equity Equity	1.6 % 2.3 % 3.9 % 4.1 %	6,607 6,164 865 756	95.79 148.87 1,807.02 2,174.99	CAD CAD CAD CAD	559,466 925,439 571,415 1,022,111	632,885 917,635 1,563,072 1,644,292	431,015 728,485 432,174 791,021	511,381 741,463 1,262,987 1,328,614	0.8 % 1.3 % 0.2 %
Total for Canada	Equity	11.8 %	750	2,171.55	CAD	1,022,111	1,011,292	2,382,695	3,844,444	0.2 /
China								,,	-,- ,	
YUM CHINA HOLDINGS INC BYD CO LTD-H WUXI APPTEC CO LTD-H JD.COM INC - CL A	Equity Equity Equity Equity	1.2 % 1.2 % 1.3 % 1.5 %	6,500 10,075 19,680 12,100	456.00 296.60 166.30 310.40	HKD HKD HKD HKD	3,393,338 3,159,828 2,873,935 3,639,615	2,964,000 2,988,245 3,272,784 3,755,840	437,037 406,351 369,881 468,509	380,947 384,064 420,634 482,719	0.8 % 0.1 % 0.2 %
Total for China		5.1 %	· · · · · · · · · · · · · · · · · · ·					1,681,778	1,668,363	

Generated: 04 Nov 21 14:48 Page 2 of 5



Holdings Report

Security Description	Security	% of	Quantity	Share	Listing	Book Value	Mkt Value	Book Value	Mkt Value	% Div
	Type	Fund		Price	Currency		l Currency)		Currency)	Yield
						(III Eoca	i currency)	(III I unu	currency	
Denmark										
NOVO NORDISK A/S-B	Equity	1.7 % 3.6 %	4,999 5,013	704.30 1,495.50	DKK DKK	1,878,349 5,137,880	3,520,796 7,496,942	279,587 810,449	547,175	1.3 % 0.3 %
DSV Panalpina A/S	Equity		3,013	1,493.30	DKK	3,137,880	7,490,942		1,165,116	0.3 7
Total for Denmark		5.3 %						1,090,036	1,712,291	
France										
L'OREAL	Equity	1.5 %	1,054	394.95	EUR	361,263	416,277	434,093	481,258	1.0 %
PERNOD RICARD SA AIRBUS SE	Equity Equity	2.3 % 3.1 %	3,275 7,820	198.70 110.60	EUR EUR	492,361 767,646	650,743 864,892	556,003 930,201	752,323 999,902	1.4 %
TELEPERFORMANCE	Equity	3.3 %	2,602	361.10	EUR	369,272	939,582	423,549	1,086,251	0.7 %
LVMH MOET HENNESSY LOUIS VUI	Equity	3.3 %	1,391	677.20	EUR	398,674	941,985	447,976	1,089,029	0.9 %
Total for France		13.6 %						2,791,823	4,408,763	
Germany										
ZALANDO SE	Equity	1.6 %	5,542	81.58	EUR	544,384	452,116	663,822	522,692	
Total for Germany		1.6 %						663,822	522,692	
India										
ICICI BANK LTD-SPON ADR	Equity	1.3 %	20,253	21.15	USD	392,260	428,351	392,260	428,351	0.3 %
INFOSYS LTD-SP ADR	Equity	2.6 %	38,661	22.28	USD	872,317	861,367	872,317	861,367	1.8 %
HDFC BANK LTD-ADR	Equity	3.3 %	14,887	71.91	USD	756,122	1,070,524	756,122	1,070,524	0.4 %
Total for India		7.3 %						2,020,698	2,360,242	
Indonesia										
BANK RAKYAT INDONESIA PERSER	Equity	2.5 %	2,760,700	4,250.00	IDR	11,041,082,6191	1,732,975,000	769,929	828,132	2.3 %
Total for Indonesia		2.5 %						769,929	828,132	
Japan										
DAIKIN INDUSTRIES LTD	Equity	2.3 %	3,393	24,890.00	JPY	40,747,252	84,451,770	369,940	741,000	0.7 %
RECRUIT HOLDINGS CO LTD	Equity	3.9 %	19,000	7,572.00	JPY	51,617,147	143,868,000	468,555	1,262,332	0.3 %
Total for Japan		6.2 %						838,494	2,003,332	

Generated: 04 Nov 21 14:48 Page 3 of 5



Holdings Report

Security Description	Security	% of	Quantity	Share	Listing	Book Value	Mkt Value	Book Value	Mkt Value	% Di
	Type	Fund		Price	Currency		l Currency)		Currency)	Yield
Mexico										
WALMART DE MEXICO SAB DE CV	Equity	3.0 %	277,929	71.81	MXN	16,394,298	19,958,081	831,103	969,832	2.1 %
Total for Mexico		3.0 %						831,103	969,832	
Netherlands										
ASML HOLDING NV KONINKLIJKE DSM NV	Equity Equity	3.5 % 3.8 %	1,420 5,685	700.50 189.05	EUR EUR	424,514 438,124	994,710 1,074,749	483,523 505,747	1,149,984 1,242,518	0.4 % 1.3 %
Total for Netherlands		7.4 %						989,270	2,392,502	
New Zealand										
FISHER & PAYKEL HEALTHCARE C	Equity	3.0 %	44,384	29.42	AUD	724,427	1,305,777	500,267	982,336	1.2 %
Total for New Zealand		3.0 %						500,267	982,336	
Poland										
DINO POLSKA SA	Equity	3.2 %	11,507	356.40	PLN	1,458,936	4,101,095	378,215	1,028,643	
Total for Poland		3.2 %						378,215	1,028,643	
Singapore										
SEA LTD-ADR	Equity	3.9 %	3,693	343.57	USD	743,614	1,268,804	743,614	1,268,804	
Total for Singapore		3.9 %						743,614	1,268,804	
Sweden										
ATLAS COPCO AB-A SHS	Equity	3.5 %	17,563	551.80	SEK	9,485,466	9,691,263	1,117,041	1,128,545	1.3 %
Total for Sweden		3.5 %						1,117,041	1,128,545	
Switzerland										
NESTLE SA-REG	Equity	1.6 %	3,874	120.82	CHF	394,913	468,057	403,567	511,314	2.3 %
LONZA GROUP AG-REG SIKA AG-REG	Equity Equity	3.0 % 4.0 %	1,182 3,878	750.60 310.00	CHF CHF	709,914 622,039	887,209 1,202,180	758,166 629,778	969,204 1,313,284	0.4 % 0.8 %
Total for Switzerland		8.6 %						1,791,512	2,793,801	

Generated: 04 Nov 21 14:48 Page 4 of 5



Holdings Report

Security Description	Security Type	% of Fund	Quantity	Share Price	Listing Currency	Book Value	Mkt Value	Book Value	Mkt Value	% Div Yield
						(In Local	Currency)	(In Fund	Currency)	
Taiwan										
TAIWAN SEMICONDUCTOR-SP ADR	Equity	3.8 %	10,740	113.70	USD	619,800	1,221,138	619,800	1,221,138	1.6 %
Total for Taiwan		3.8 %						619,800	1,221,138	
United Kingdom										
LONDON STOCK EXCHANGE GROUP DIAGEO PLC	Equity Equity	1.8 % 3.1 %	6,009 20,595	7,100.00 3,632.00	GBP GBP	310,910 607,955	426,639 748,010	400,844 791,698	583,898 1,023,727	1.1 % 2.0 %
Total for United Kingdom		4.9 %						1,192,542	1,607,625	
Total for Investments		98.5 %					-	21,103,192	32,054,033	
Total for Net Assets		100.0 %					-	21,576,318	32,527,159	
Total for N1YS		100.0 %					_	21,576,318	32,527,159	

Generated: 04 Nov 21 14:48 Page 5 of 5



For the Period: 1 October, 2021 - 31 October, 2021

Transaction Report

For the Perioa: 1 Octo	ober, 2021 - 31 October, 2021			1			
Transaction Type	Description	Quantity	Trade Date	Settlement Date	Price	Cashflow	Notes
Account No:	U18A103						
Custodian Ac	count No: N1YS						
AUD							
ell	Australia Dollar	2,843.89	30 Sep 2021	01 Oct 2021	0.7174 AUD	-2,843.89	
Cotal for AUD						-2,843.89	
GBP							
DivIncome	DIAGEO PLC	9,183.31	26 Aug 2021	07 Oct 2021	1.0000 GBP	9,183.31	Cash dividend
ell	British Pound	9,183.31	07 Oct 2021	08 Oct 2021	1.3546 GBP	-9,183.31	
Total for GBP						0.00	
HKD							
Purchase	BYD CO LTD-H	10,075.00	26 Oct 2021	28 Oct 2021	313.0430 HKD	-3,159,828.13	Initiating position
urchase	Hong Kong Dollar	3,159,828.13	27 Oct 2021	28 Oct 2021	0.1286 HKD	3,159,828.13	
otal for HKD						0.00	
DR							
ntExpenseNonTrading	Indonesian Rupiah	433,412.12	01 Oct 2021	01 Oct 2021	1.0000 IDR	-433,412.12	Debit interest
urchase	Indonesian Rupiah	433,411.72	08 Oct 2021	08 Oct 2021	0.0001 IDR	433,411.72	
otal for IDR						-0.40	
SEK							
DivIncome	ATLAS COPCO AB-A SHS	64,104.95	22 Oct 2021	28 Oct 2021	1.0000 SEK	64,104.95	Cash dividend
otal for SEK						64,104.95	

Generated: 04 Nov 21 14:47 Page 1 of 2



For the Period: 1 October, 2021 - 31 October, 2021

Transaction Report

Transaction Type	Description	Quantity	Trade Date	Settlement Date	Price	Cashflow	Notes
Account No:	U18A103						
Custodian Ac	ecount No: N1YS						
USD							
ivIncome	CONSTELLATION SOFTWARE INC	756.00	16 Sep 2021	08 Oct 2021	1.0000 USD	756.00	Cash dividend
vIncome	TAIWAN SEMICONDUCTOR-SP ADR	5,334.30	16 Sep 2021	14 Oct 2021	1.0000 USD	5,334.30	Cash dividend
vTaxes	TAIWAN SEMICONDUCTOR-SP ADR	1,120.20	16 Sep 2021	14 Oct 2021	1.0000 USD	-1,120.20	Dividend tax on cash dividend
vIncome	CANADIAN PACIFIC RAILWAY LTD	990.00	23 Sep 2021	25 Oct 2021	1.0000 USD	990.00	Cash dividend
1	Australia Dollar	2,843.89	30 Sep 2021	01 Oct 2021	0.7174 USD	2,040.21	
IncomeNonTrading	United States Dollar	9.16	01 Oct 2021	01 Oct 2021	1.0000 USD	9.16	Interest income
11	British Pound	9,183.31	07 Oct 2021	08 Oct 2021	1.3546 USD	12,439.71	
chase	Indonesian Rupiah	433,411.72	08 Oct 2021	08 Oct 2021	0.0001 USD	-30.55	
vExpense	TAIWAN SEMICONDUCTOR-SP ADR	46.08	14 Oct 2021	14 Oct 2021	1.0000 USD	-46.08	Dividend and dividend tax adj
11	SEA LTD-ADR	303.00	19 Oct 2021	21 Oct 2021	369.1310 USD	111,843.09	Compliance trade
scAdjExp	United States Dollar	109.95	22 Oct 2021	22 Oct 2021	1.0000 USD	-109.95	Invoice paid
rchase	Hong Kong Dollar	3,159,828.13	27 Oct 2021	28 Oct 2021	0.1286 USD	-406,352.84	
tal for USD						-274,247.15	

Generated: 04 Nov 21 14:47 Page 2 of 2