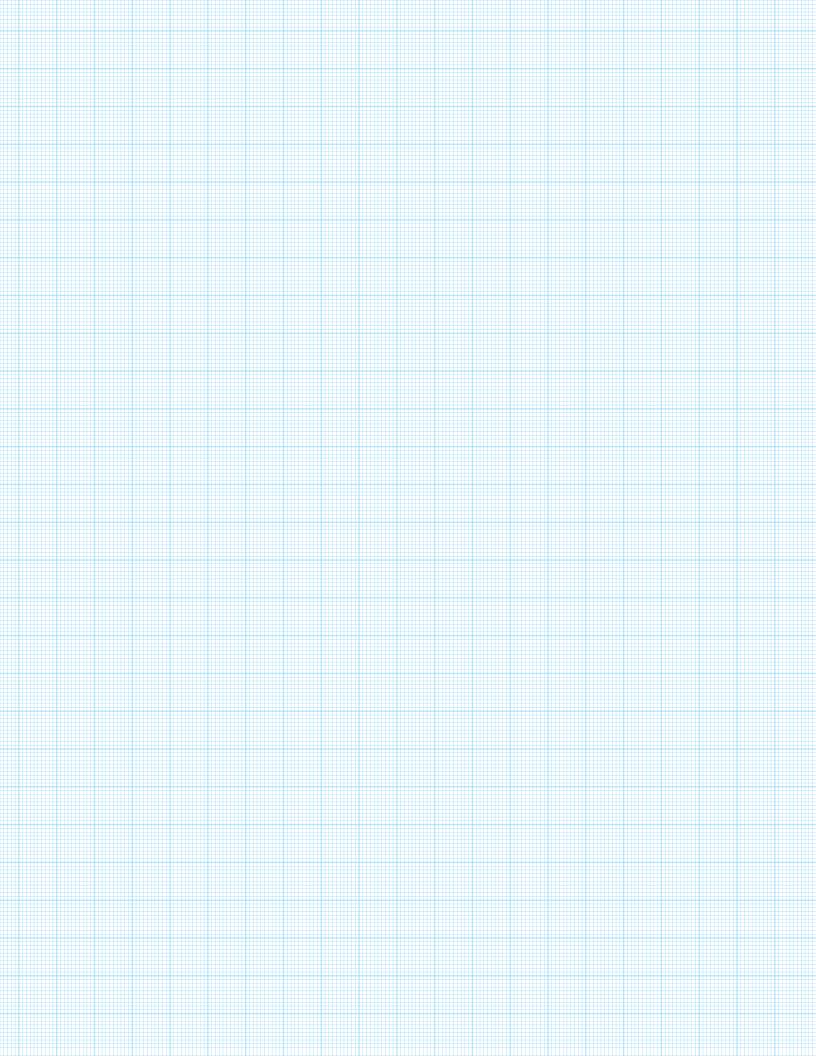


**OPPORTUNITY** 

2020
ANNUAL REPORT
UBC PORTFOLIO
MANAGEMENT
FOUNDATION



OPPORTUNITY AND UNCERTAINTY OFTEN PRESENT THEMSELVES SIMULTANEOUSLY. YOUNG INVESTORS, LIKE THE PMF STUDENTS, FACE UNCERTAINTY ABOUT CLIMATE, TECHNOLOGY AND SOCIAL TRENDS GENERALLY, BUT ALSO MORE SPECIFIC RISK RELATED TO THE USE OF ARTIFICIAL INTELLIGENCE IN INVESTING, THE MOVEMENT OF FUNDS FROM ACTIVE TO PASSIVE MANAGEMENT AND FROM PUBLIC TO PRIVATE MARKETS. BUT THIS SAME UNCERTAINTY CREATES OPPORTUNITIES FOR YOUNG INVESTORS TO LEARN FROM THEIR ACADEMIC STUDIES, AS WELL AS FROM SEASONED INVESTMENT PROFESSIONALS WHO ARE ACTUALLY ADAPTING TO THESE VERY IMPORTANT TRENDS. THE PMF OFFERS BOTH SOURCES OF KNOWLEDGE: ACADEMIC AND PROFESSIONAL; THE COMBINATION IS SYNERGISTIC AND POWERFUL. CONVERTING UNCERTAINTY TO OPPORTUNITY IS THE ULTIMATE SIGN OF LEARNING.



# **INTRODUCTION 2020 ANNUAL REPORT**

The Dean of Commerce (UBC) Portfolio Management Foundation (PMF) is a three-year extra-curricular program for BCOM students that covers their second, third and fourth year of university. It consists of an academic year of intensive training as a "Junior Research Associate," a junior summer internship in Toronto, an academic year as a "Research Associate" (assisting the students one year ahead in the program), a senior summer internship located anywhere in the world and an academic year as a "Fund Manager."

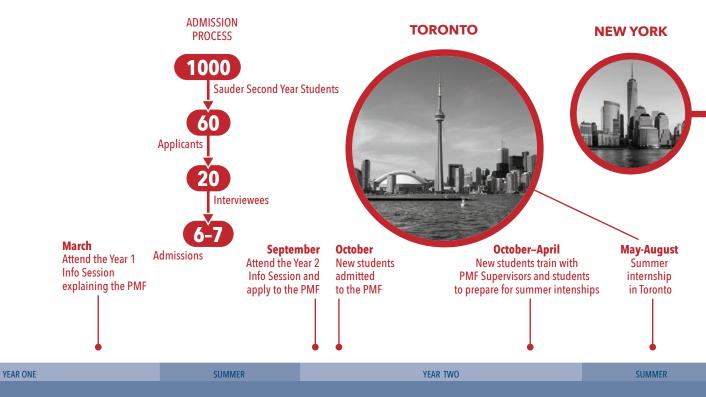
Ultimately, the PMF is a professional investment management organization. The FMs and RAs are accountable to the Sauder School of Business as the individuals charged with adding value to a portfolio of stocks and bonds, currently valued at over \$10 million. This is a significant responsibility that requires the highest standards of ethical and professional behavior, as the PMF students learn very early in their training.

PMF students must meet with the PMF Client Committee five times per year to report their performance and explain their current portfolio structure and strategy. To help them run the portfolio and get career guidance, the PMF students have access to 16 PMF Counselors, investment professionals in Vancouver who give their time to the PMF students as needed. The total student time commitment to the program during the academic year is roughly 20 hours a week.

The summer internships provide tremendous learning opportunities. The "junior" PMF internships between 2nd and 3rd year of university are arranged by the PMF Supervisors. The "senior" internships, between 3rd and 4th year, are now largely full-time job recruiting activities, and so the internships are chosen by the students with the Supervisors' close supervision. Last year's employers in Toronto were: Cambridge Global Asset Management, Canada Pension Plan Investment Board, CIBC World Markets, Guardian Capital LP., Marret Asset Management, Ontario Teachers' Pension Plan, Picton Mahoney Asset Management, RBC Capital Markets (2 interns) and RPIA. New York internship employers were: BC Partners Inc., Blackstone, Greywolf Capital Management LP and Starr Investment Holdings LLC.

The PMF portfolio is a balanced portfolio with suggested weights of 30% bonds and 70% stocks, although the Fund Managers may vary the asset mix based upon their beliefs about stock and bond markets. The 70% in stocks is split evenly between Canadian and US securities. The Fund Managers are free to trade the portfolio within broad guidelines set by the Client Committee. Performance is measured both against a benchmark portfolio return and against the performances of other professional managers in Canada with similar mandates. RBC Investor and Treasury Services, our custodian, holds our securities and cash and they also provide performance measurement services.

Successful applicants to the PMF will be outstanding individuals with strong academics, a motivation to learn, a broad range of interests, evidence of leadership and interpersonal skills, strong analytical skills, and a motivation for a career in the capital markets. In addition, students with a desire to place group goals above individual ones and who understand the power of teamwork will be favored.



30 years of experience has proven that group success leads to great individual success, not vice versa.

Job opportunities for graduates of the program are very good. PMF alumni, known as Leslie Wong Fellows, are employed in the capital markets in Vancouver, Toronto, Montreal, Calgary, New York, San Francisco, London, Hong Kong, Singapore and in many other locations. While a majority of the graduates have careers on the "buy-side" of the street with money managers, a large fraction have successful careers as "sell side" traders, analysts or investment bankers. A significant fraction of the grads are off of Wall Street and Bay Street, making a difference in many areas of the business world.

The PMF symbol indicates the two-sided nature of the program: strong academics combined with skilled professional support. The two sides are, importantly, smoothly linked to provide a very special education that a PMF graduate is able to apply to begin a successful capital markets career.

## **PMF PRINCIPLES**

An important objective of the PMF program is to teach our students that success follows those with not only ability, but the correct attitude. This has been learned by observing those successful capital markets participants that have served the PMF students over the past three decades. The PMF has adopted the Five Merrill Lynch Principles, shown below, with the PMF interpretation of each. The PMF interpretation focuses on respect at every level of interaction.

# INTEGRITY

Respect for oneself will allow for making the right choices, no matter how difficult. A reputation for ethical action must be earned everyday through honesty, accountability and compliance with professional standards.

# **RESPECT FOR THE INDIVIDUAL**

Strive for an open and honest relationship built on understanding and dignity.

#### **TEAMWORK**

Respect for the team will allow each member to place team goals above the individual and encourage group involvement and responsibility for success and failure.

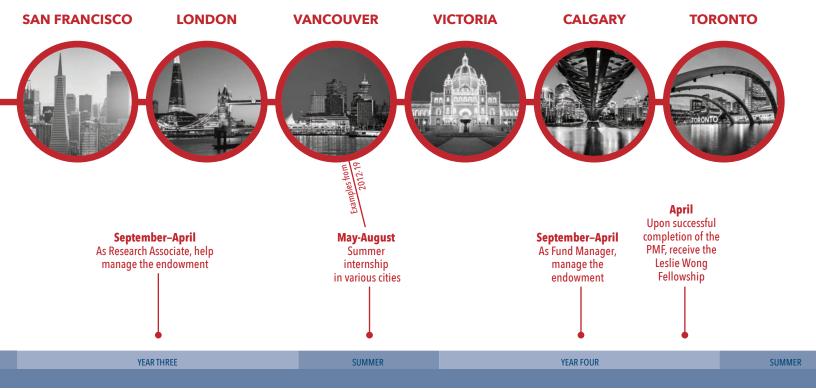
#### **CLIENT FOCUS**

Respect for the client will allow attention to the client's needs, demonstrated over the course of a long-term relationship.

# **RESPONSIBLE CITIZENSHIP**

Showing respect for all those in one's community will make the PMF a valued, contributing member of the local community.





# PRESIDENT'S REPORT

It seems fitting that the PMF class of 2020 has chosen "opportunity" as the theme of their report this year. When I think of the illustrious history of the PMF, one of the things that stands out for me is the extraordinary opportunity the program has created for so many students at the school. It is truly a remarkable legacy and a testament to Rob Heinkel's dedication and leadership. It is also a testament to the support that we have received from the program's alumni and others in the community. I am pleased to report that the PMF endowment has continued to grow over the past year, and at its recent value of over \$10.6 million, generates an annual cash contribution to the UBC Sauder School of Business in excess of \$350,000. These funds provide teaching and research support to our faculty, thereby insuring that all UBC Sauder students receive an exceptional educational experience.

The program has also created far-reaching global opportunities. Over the 33 previous PMF graduating classes, 220 alumni



have opened doors for students in many of the world's major financial centers, including Toronto, Vancouver, New York, San Francisco, London and Hong Kong. These alumni are wonderful PMF ambassadors and mentors, opening doors and helping the current students walk through those doors. For example, of the 33 members of the last 5 graduating classes, 13 began their careers in New York, 7 in Toronto, 6 in San Francisco, 4 in Vancouver and 3 in London. PMF alumni also live in Victoria, Montreal, Calgary, Los Angeles, Boston, Washington DC, Newport Beach, Oslo and Australia. We are very proud of all of them.

Please join me in extending our collective thanks to Rob, Murray and Pennie for their steadfast leadership of the program, and for all that they do to create opportunities for our students and our school.

Please stay in touch. Sincerely,

# Robert Helsley PMF President

Dean, UBC Sauder School of Business Grosvenor Professor of Cities, Business Economics and Public Policy

When I think of the illustrious history of the PMF, one of the things that stands out for me is the extraordinary opportunity the program has created for so many students at the school.



# SUPERVISORS' REPORT

The Class of 2020 will be leaving campus in the spring, heading to positions in New York and Toronto, at firms including Blackstone, Canada Pension Plan Investment Board and CIBC World Markets. It is a pleasure for the Supervisors to see these young people set out to build successful careers and represent the PMF so well in the future, as well as giving back in so many ways to the program.

The fund has had some performance struggles over the last year (to 30 September 2019), coming mostly from performance measurement friends at Ellement Consulting Group, the ten-year PMF Canadian Equity volatility was 18% versus the TSX volatility of 12%. Our custodian and performance measurer, RBC Investor and Treasury Services, ranks the PMF 4-year Total Fund and Canadian Equity volatilities in the top percentile of their measurement universe: we're pretty much the most volatile fund they cover! Given the nature of the endowment's cash requirements, the Client Committee is aware of the volatility (and the expected returns) in setting its asset allocation targets.

Supervisors and students and begin getting to know the PMF Counselors, all located in Vancouver. The students' junior internships in Toronto include amazing learning opportunities from their summer employers, along with 15 or so weekly workshops with investment professionals spanning every area of the capital markets. The learning opportunities continue from the Vancouver PMF Counselors, alumni and friend in Vancouver in the students' final two years at UBC, plus from their senior internships and from close individual summer mentoring from PMF graduates.

# The students who maximize the learning experience from these invaluable sources grow so much that, by graduation, their future is very bright. Learning creates opportunity.

the Canadian Equity portfolio. The TSX was up by a healthy 7.3%, but the PMF Canadian Equities lost 10%; on a calendar basis. We've had worse years: 2011 (-11%), 1990 (-16%) and of course 2008 (-43%). Offsetting our Canadian Equity losses were gains in the US Equity portfolio, up 11% versus the S&P500 index at 6%.

Such return volatility is no surprise to the Supervisors. According to our

Our longer-term results are excellent. For the almost 30-year record of returns, the fund has beaten its benchmark by 1.9% (10.1 - 8.2), with value-addeds in the bond and equity portfolios of 0.8% and 3.0%.

We see amazing learning opportunities from our professional partners. Throughout the students' three-year PMF journey. In Year 2 of their university experience they train with the PMF

The students who maximize the learning experience from these invaluable sources grow so much that, by graduation, their future is very bright. Learning creates opportunity.

Prof. Murray Carlson Ms. Pennie George, LWF '97 Prof. Rob Heinkel PMF Supervisors



# **FUND MANAGERS' REPORT**

Our time in the Portfolio Management Foundation has been filled with opportunities from the day we entered as Junior Research Associates. We have been constantly challenged to grow, both as people and as investors, by the uncertainties that we have faced and the chances that we have chosen to take.

An increasing amount of our conversation around the table at the investment meetings now revolves around topics like macroeconomics and how this affects the portfolio. We continue to believe that the PMF's expertise is in bottom-up security

Being opportunistic is at the foundation of investing, whether you are a momentum investor, a growth investor, or a value investor. During our time in the PMF, we have truly pushed ourselves to understand companies that are misunderstood by the market, as the fund's small size continues to allow us the advantage of being able to invest in smaller, overlooked companies. With the increased volatility and uncertainty in the markets, we have found ourselves facing both more opportunities and more risks. We have attempted to take advantage of these market conditions by

All of the opportunities we have received during our time in the PMF would not have been made possible without the PMF Founders and the Program Supervisors, Prof. Robert Heinkel, Prof. Murray Carlson and Ms. Pennie George (LWF '97). We are extremely grateful to the Program Supervisors for all their dedication to the program and the continuous support that they have given to us. We would also like to express our gratitude to the Client Committee for helping us grow as investors, and the Counselors and mentors for always sharing their time and

# With the increased volatility and uncertainty in the markets, we have found ourselves facing both more opportunities and more risks.

selection; however, this year we wanted to delve into the bigger picture and its effect on the portfolio, especially considering the macroeconomic activity that has occurred. During our short amount of time in the program, we have seen significant market volatility, a trade war play out, and increasing economic uncertainty. Furthermore, we have seen a short-lived rising rate environment switch to a rapid decline in rates, with negative interest rates in several parts of the world. The increased uncertainty in the markets has led us to continuously assess the different potential scenarios of the world and to consider how we can best position the portfolio in each. We have certainly been kept on our toes, and we can only be grateful for having been able to experience and work through such exciting times.

increasing our macroeconomic knowledge in order to develop views and being nimble by keeping up to date with companies we did not invest in due to valuation. However, the permanent capital base allows us to remain long-term investors and ride out short-term volatility.

Throughout the course of the PMF, we have also had the chance to grow tremendously as individuals. We have learned to work together as individuals with different perspectives by growing to appreciate the insight that opposing views can provide. The program is constantly evolving, which is a result of the different people that enter the program coming together to work towards a unified goal. As a team, we have constantly pushed each other to improve and grow by challenging one another to take chances and reach for more opportunities.

experience with us. Lastly, we would like to thank all the PMF alumni, summer internship employers, and all other parties associated with the program for contributing to our learning and growth. Our time in the program may be approaching its end, but we will always be grateful for the opportunities that it has provided us.

Sincerely,

PMF Class of 2020

# RESEARCH ASSOCIATES' REPORT

Our time in the Portfolio Management Foundation presents a unique opportunity for personal and professional development, a challenge that our class has been eager to take on since our admission to the program. We recognize what a privilege it is to train under experienced professionals in the capital markets and hope to make all those who have supported and built up the program proud of our performance as students.

Our first year in the program as Junior Research Associates was characterized by a significant transition to the work and expectations associated with managing the portfolio. The PMF supervisors laid the foundation for our training, emphasizing the principles of integrity, respect for the individual, teamwork, client focus, and responsible citizenship that will guide our time in the program and continue to inform our actions throughout our careers.

Over the summer, we were grateful for the opportunity to work at excellent firms in Toronto, from which we gained a diverse set of experiences. Through our internships, meetings with summer mentors, and workshops, we gained a fuller picture of the breadth of the capital markets and its many participants.

Our summer culminated in trips to New York, Victoria, and for the first time, London, where we met with alumni and friends of the PMF. We are immensely grateful for the support that the alumni provide in meeting with us and answering our questions. Their commitment to the PMF and our development encourages us to make the most of this opportunity.

Since returning to Vancouver, we have been busy researching existing portfolio holdings and generating new investment ideas, drawing on the experiences we gained from our summer internships. We have a particular focus on the PMF bond portfolio, with members of our class exhibiting an interest in macroeconomics and credit. We look forward to using the resources available to us to continue our learning as Research Associates.

We have a deep respect and gratitude for all those who have granted us opportunities in the PMF: the Supervisors, Counselors, mentors, alumni, and friends of the program. We are very fortunate for their support and hard work, and it reminds us of our responsibility to continue to create opportunities for future PMF students.

Sincerely,

PMF Class of 2021

# JUNIOR RESEARCH ASSOCIATES INTRODUCTION

The PMF Class of 2022 was admitted to the PMF in September 2019, beginning a 3-academic-year course of education and "hands-on" experience.

This class of outstanding young men and women are coming together from different backgrounds and perspectives, and from locales in both Asia and Canada. They find themselves immersed in a program asking them to immediately work together as a team to attend meetings and training sessions, meet PMF supporters and make decisions. All of this must happen while they adapt to, and succeed in, the challenging Sauder School undergraduate

curriculum for Year 2 BCOM students. This is a highly accelerated and concentrated exercise in becoming a "professional."

The PMF training the JRAs receive in Year 2 is to help prepare them for their summer internships in Toronto. This is usually the first time these young people will find themselves in a professional setting, inundated with new things to learn and jobs to do; for some, it is also their first time in Toronto. Our summer internship employers are extraordinary people who teach our students so much, with great patience and care. Imagine a young, eager, excited student, with little knowledge and

everything to learn, showing up first thing in the morning – every morning! Our Toronto summer employers are amazing teachers and mentors. Our students owe them so much!

The PMF Supervisors are very pleased to have the six new JRAs associated with the PMF. Their enthusiasm for learning, commitment to the PMF, their classmates and colleagues, and comportment in handling their significant responsibilities, is inspiring and energizing. We look forward to you meeting the PMF Class of 2022.

**PMF Supervisors** 







# **GRAEME BRAWN**

# MENTOR John Novak

Connor, Clark & Lunn Investment Management, Vancouver

SUMMER 2019 INTERNSHIP
Marret Asset Management, Toronto

SUMMER 2019 MENTOR
Graeme Gilbert, LWF '14

Scotiabank Toronto

# **CARYSSA KIM**

# MENTOR **Wayne Deans**

Deans Knight Capital Management Vancouver

SUMMER 2019 INTERNSHIP **Ontario Teachers' Pension Plan** 

Toronto

SUMMER 2019 MENTOR Alex Schwiersch, LWF '01

Algonquin Capital Toronto

# **KELLY WU**

# MENTOR Emil Khimji, LWF '07

White Crane Capital

Vancouver

SUMMER 2019 INTERNSHIP
Cambridge Global Asset Mgmt.

Toronto

SUMMER 2019 MENTOR
Tony Wang, LWF '12

RPIA

Toronto







# **PMF PORTFOLIO**

As of 30 September 2019 • Prices per Share in Local Currency • Market Values in CAD USD/CAD exchange 1.324 (30 Sept 2019, source: Bank of Canada)

Portfolio information source: RBCITS

<b>EQU</b>	ITY	TICKER	EXCHANGE	SHARES	BOOK PRICE	MARKET PRICE	MARKET VALUE
CAD	Aritzia Inc.	ATZ	TSE	10,545	14.26	16.79	177,051
	Automotive Properties Real Estate Investment Trust	APR.UN	TSE	13,600	10.69	11.09	150,824
	E L Financial Corp Ltd.	ELF	TSE	541	817.78	751.05	406,318
	Gamehost Inc.	GH	TSE	47,600	10.05	8.65	411,740
	Guardian Capital Group Ltd.	GCG	TSE	9,533	24.83	24.29	231,557
	Heroux Devtek Inc.	HRX	TSE	25,080	11.92	17.20	431,376
	Macro Enterprises Inc.	MCR	TSE V	25,795	1.90	4.03	103,954
	Nutrien Ltd.	NTR	TSE	5,111	63.13	66.00	337,326
	Storm Resources Ltd.	SRX	TSE	197,499	2.79	1.32	260,699
	Waste Connections Inc.	WCN	TSE	1,215	120.71	121.71	147,878
USD	Allison Transmission Holdings Inc.	ALSN	NYSE	2,272	48.71	47.05	141,564
	Alphabet Inc.	GOOGL	NASDAQ	174	1,231.75	1,221.14	281,385
	Aon plc	AON	NYSE	920	113.82	193.57	235,837
	Axalta Coating Systems	AXTA	NYSE	7,215	32.11	30.15	288,078
	Blackrock Inc.	BLK	NYSE	260	479.53	445.64	153,442
	Disney Company Holding Co.	DIS	NYSE	1,190	97.39	130.32	205,374
	Dollar General Corp.	DG	NYSE	2,037	95.81	158.94	428,756
	Frontdoor Inc.	FTDR	NASDAQ	6,274	35.29	48.57	403,552
	Graftech International Ltd.	EAF	NYSE	27,095	12.23	12.80	459,288
	Kansas City Southern	KSU	NYSE	2,330	127.41	133.01	410,418
	Lamb Weston Holding Inc.	LW	NYSE	2,950	42.70	72.72	284,094
	McKesson Corp.	MCK	NYSE	1,209	143.20	136.66	218,803
	Nomad Foods Ltd.	NOMD	NYSE	12,860	15.97	20.50	349,125
	PRA Group Inc.	PRAA	NASDAQ	8,280	29.67	33.79	370,514
	Wells Fargo & Co.	WFC	NYSE	6,382	53.13	50.44	426,303
	Accrued Income						8,392
<b>EQUI</b>	ГҮ						7,323,648

#### DOLLAR GENERAL

Dollar General is an American discount retailer. They currently operate over 16,000 stores in small U.S. towns, with approximately 75% of the US population within 5 miles of a Dollar General store. We entered the position in April 2017 as the company was introducing new initiatives, including urban market expansion, online and mobile shopping, and the introduction of new products, such as fresh produce and health and beauty products. We were attracted to the defensibility of Dollar General's revenues and their ability to grow in a downturn, as their target customers are households with incomes of less than \$40,000 USD. Dollar General's niche market strategy has enabled them to drive strong organic growth, with over 30 quarters of consecutive same-store sales growth as of last summer. We believe the business has a long runway for organic growth, attractive margin improvement opportunities, and defensible characteristics that give us high conviction in the name; therefore, we continue to hold a position in Dollar General today.

#### GRAFTECH

GrafTech is the second largest manufacturer of Ultra-High Powered Graphite Electrodes, an essential component of Electric Arc Furnace steel production. While other Graphite Electrode manufacturers have suffered as raw material prices have increased, GrafTech is vertically integrated and thus best positioned to capitalize on this period of elevated Graphite Electrode pricing. GrafTech has signed take or pay contracts through 2022 for 60-65% of their production capacity at 70%+ EBITDA margins. We believe GrafTech is a compelling investment opportunity with an asymmetric risk-reward profile. At approx. 4x Free Cash Flow, the market expects significant earnings deterioration in the short to mid-term. Given their long term take or pay contracts, we don't believe this will occur, allowing us to purchase a highly cash productive asset with significant visibility into future cash generation at a large discount to intrinsic value.

FIXED INCOME MATURITY			COUPON	FACE VALUE	BOOK PRICE	MARKET PRICE	MARKET VALUE
CAD	Province of Quebec	1 Dec 2020	4.500%	100,000	104.35	103.16	103,158
	Rogers Communications	22 Mar 2021	5.340%	120,000	107.12	104.49	125,391
	Bank of Montreal	23 Apr 2021	3.400%	45,000	107.01	102.02	45,909
	Royal Bank of Canada	2 Mar 2022	1.968%	150,000	101.33	99.65	149,480
	Province of Alberta	1 Sep 2022	1.600%	100,000	99.00	99.49	99,490
	Province of Ontario	8 Sep 2023	8.100%	160,000	124.80	123.75	198,001
	Province of British Columbia	18 Dec 2023	3.300%	240,000	104.83	106.16	254,796
	Shaw Communications Inc.	31 Jan 2024	4.350%	100,000	107.82	106.65	106,653
	Bank of Montreal	8 Dec 2025	3.340%	140,000	101.63	101.17	141,643
	Province of Quebec	1 Apr 2026	8.500%	65,000	146.59	139.76	90,843
	Royal Bank of Canada	29 Sep 2026	3.450%	45,000	102.25	102.20	45,992
	Pembina Pipeline Corp.	15 Jun 2027	4.240%	125,000	102.41	108.78	135,972
	Province of British Columbia	18 Dec 2028	2.950%	130,000	104.68	108.08	140,498
	Enbridge Inc.	24 Jul 2030	7.220%	110,000	127.70	132.80	146,077
	Toronto Dominion Bank	4 Mar 2031	4.859%	140,000	110.45	111.54	156,158
	Bell Canada	2 Apr 2031	7.850%	100,000	143.85	142.41	142,411
	Brascan Corp.	14 Jun 2035	5.950%	50,000	108.72	123.55	61,777
	Province of Ontario	2 Jun 2041	4.650%	60,000	123.75	138.34	83,001
	407 International Inc.	25 Apr 2042	4.190%	110,000	99.43	120.69	132,757
	Province of British Columbia	18 Jun 2042	4.300%	40,000	119.39	135.18	54,072
	Province of Quebec	1 Dec 2043	4.250%	140,000	117.18	135.04	189,057
	Province of Alberta	1 Dec 2046	3.300%	285,000	103.20	116.55	332,155
	Province of Quebec	1 Dec 2051	3.100%	65,000	106.45	118.01	76,704
	Accrued Income						29,404
FIXED INCOME 3,14						3,142,800	
CASH 202,30							202,364
TOTAL PORTFOLIO 10,6							10,668,812









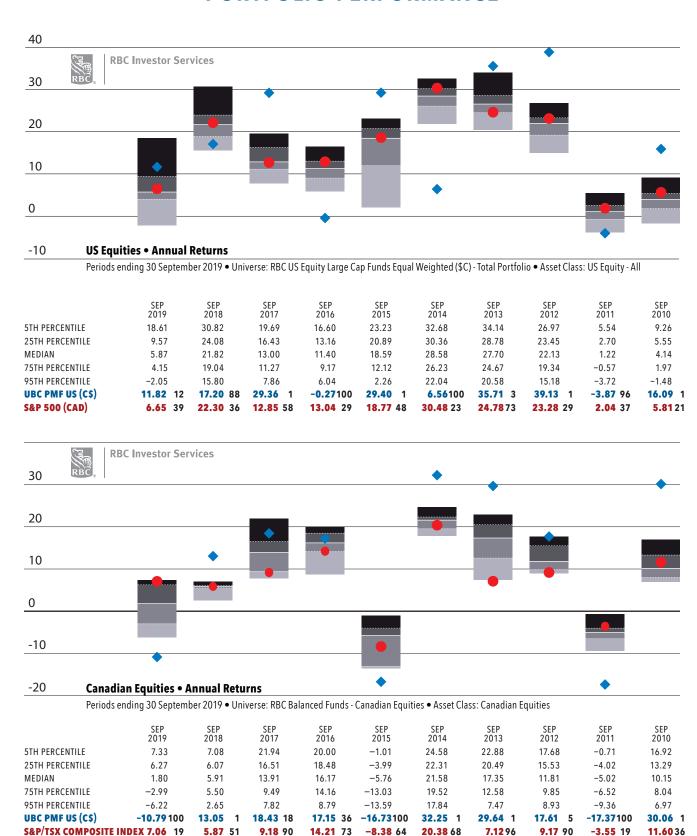


TOTAL FUND VALUE 1990 VS 2010 AND 2020

# **MACRO ENTERPRISES**

Macro Enterprises is an oil and gas focused construction services company operating in Western Canada. When we entered the position in March 2015, our investment thesis was that Macro had sold off unjustifiably, with the value of the business trading lower than the book value of its construction equipment. Liquidation analyses are often dismissed by investors because the price at which assets are sold can differ vastly from their book value. With Macro, construction equipment they use is sold regularly in auctions, making this kind of liquidation analysis very informative. Our thesis was never predicated on liquidation of the company's assets; rather, the margin of safety provided by the value of its construction equipment gave us comfort to hold a business with extremely lumpy cash flows. Over time, Macro has won substantial construction contracts and now has a backlog of over \$870 million. Since entering the position, the stock has more than doubled and we have sold our position as the discount to intrinsic value is much smaller than what it once was. However, we like the business and management team, so we continue to monitor it in case valuation becomes more attractive.

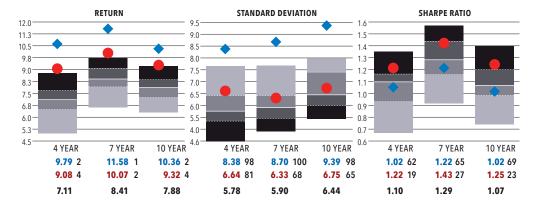
# **PORTFOLIO PERFORMANCE**





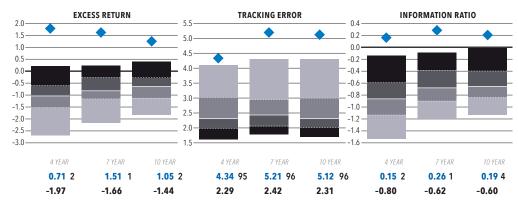
PMF Total Fund
CUSTOM BENCHMARK

**MEDIAN** 



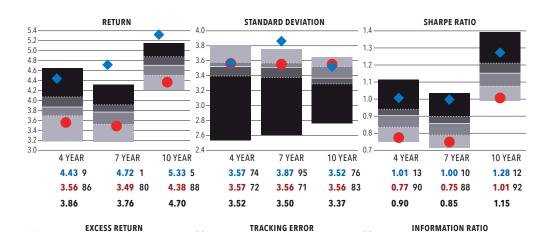
**Total Fund**As of 30 September 2019

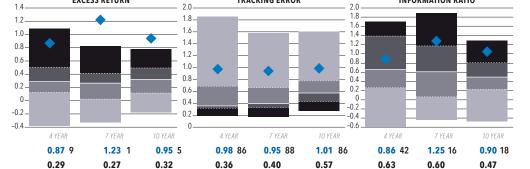
PMF Total Fund MEDIAN





PMF Total Bonds FTSE CANADA UNIVERSE MEDIAN





**Total Bonds**As of 30 September 2019

PMF Total Bonds

MEDIAN



BACK ROW: Elisha Im, Fund Manager, CLASS OF 2020 • Allison Cheng, LWF '19, RBC CAPITAL MARKETS • Jaap Dassan, LWF '19, OAK HILL ADVISORS • Michael Ryan, PMF Co-Founder • Christina Anthony, LWF '97, PMF Counselor & Mentor, ODLUM BROWN LTD. • Inayat Budhiraja, Research Associate, CLASS OF 2021 FRONT ROW: Nicholas On, Fund Manager, CLASS OF 2020 • Murray Leith, PMF Counselor & Mentor, ODLUM BROWN LTD. • Emil Khimji, LWF '07, PMF Counselor & Mentor, WHITE CRANE CAPITAL





BACK ROW: David Gens, LWF '09, MERCHANT ADVANCE CAPITAL • Emil Khimji, PMF Counselor & Mentor, LWF '07, WHITE CRANE CAPITAL • Graeme Brawn, Research Associate, CLASS OF 2021 • Rob Heinkel, PMF Supervisor, UBC SAUDER SCHOOL OF BUSINESS FRONT ROW: Elisha Im, Fund Manager, CLASS OF 2020 • Robert Helsley, Dean and PMF President, UBC SAUDER SCHOOL OF BUSINESS • Peter Lee, LWF '89, GALLANT INVESTMENTS GROUP • Inayat Budhiraja, Research Associate, CLASS OF 2021



**Sequoyah Hanson**, Fund Manager, CLASS OF 2020 • **Graeme Brawn**, Research Associate, CLASS OF 2021 • **Scott Powell**, PMF Counselor & Mentor, LEARNING STRATEGIES GROUP • **Eileen Li**, LWF '19, CANADA PENSION PLAN INVESTMENT BOARD



Nick Haggerty, LWF '17 GOLDMAN SACHS & CO.





LTD. • Kelly Wu, Research Associate, CLASS OF 2021 • Jan Kunow, Research Associate, CLASS OF 2021 • Tahlia Ifada, Research Associate, CLASS OF 2021 FRONT ROW: Jaap Dassan, LWF '19, OAK HILL ADVISORS • Alexander Goston, LWF '16, RBC PHILLIPS, HAGER & NORTH LTD. • Catherine Yang, Fund





# **ALUMNI PROFILE: GEOFFREY CLARK, LWF'94**

Geoff is the Senior Managing Director of Starr Investment Holdings LLC ("SIH"), which is a Nashville and New York-based private equity firm affiliated with the Starr Companies. Geoff joined the Starr Companies in 2007 and SIH was subsequently formed in 2012. SIH manages capital for both the Starr Companies together with that of select institutional and family office partners, investing in privately-held technology-enabled services businesses with a particular focus on healthcare and financial regulatory end markets. Within healthcare, SIH focuses on payor and provider services and has specific experience in cost containment, benefit management and care coordination, physician staffing, physician practice management and urgent care. Geoff serves on the boards of C.V. Starr & Co., Radiology Partners Inc., CHG Healthcare, MultiPlan Inc., ACA Compliance Group Holdings, ConvenientMD, NY Digital Investment Group, and on the board of advisors of Stone Ridge Asset Management and Next Caller Inc. SIH has invested close to \$4 billion of equity capital across its portfolio companies since inception, and partners with world class management teams, supporting them with flexible capital and strategic resources, with a particular focus on opportunities to deploy or expand investments in technology-enablement and data-driven opportunities.

Before joining Starr, Geoff spent over a decade at Goldman, Sachs & Co. in New York where he was a Partner and Managing Director and Co-Head of the Private Equity Group, and served on the Management Committee of the Investment Management Division.

Prior to joining Goldman Sachs in 1994, Geoff graduated with a Bachelor of Commerce from the University of British Columbia as a Leslie Wong Fellow, and is a Chartered Financial Analyst. Geoff lives with his wife and four children in Nashville, Tennessee.



"I've always had a clear recollection of the moment I first heard about the PMF. It was during a class where an MBA student from the business school had stepped in for the professor to follow up on a few areas of study, and at the end of the class he spoke briefly about the PMF program and how unique it was in the academic community and the finance industry. I am so appreciative of that moment and the thoughtfulness behind it, as it was not long after I had the opportunity to interview and spend time with Rob and several industry and alumni mentors during the application process for the program. As I sit here looking back on my time at UBC, in the PMF, and the 25 years in business since, the most rewarding aspect has been the opportunity to work with and be surrounded by incredible talent at all levels and across a wide range of disciplines. From incredible mentors and leaders, partners and colleagues, and portfolio company management teams, I've been fortunate to be exposed to the kind of talent that has allowed me to continue to be a full-time student since graduating from UBC and the PMF.

While in the program, I was very fortunate to travel to Frankfurt to work at Deutsche Bank Asset Management my first summer, which was the equivalent to a professional "deer in the headlights" moment as I was pretty "green" back then. In addition to an

incredible exposure to the asset management business which I continued to learn from for many years, it was a wonderful personal experience in that I traveled many weekends around the continent. The next summer and part time throughout the year following, I interned with Milt Wong, Greg Bay, John Thiessen and their colleagues at what was then M.K. Wong & Associates. I have very fond memories working with all of them, and it was a special experience to spend time with Milt. Milt always had a "sparkle" in his eye, a never ending intellectual curiosity, a uniquely global perspective and a powerful desire to empower the success of others.

I have been fortunate from early on to have mentors within the PMF program, at Goldman Sachs and the years since who shared a couple common characteristics which not only supported their success, but made them great leaders and helped them attract strong talent. Specifically, (1) genuinely appreciating the success of others around them in the world, and (2) deriving meaningful personal value from empowering the success of others they would come into contact with. When I've had the opportunity to spend time with students in the PMF over the years, I've always enjoyed sharing some of the stories of the people and events which embody these experiences. Between this, having a passion for what we do, and always asking questions, it's hard to go wrong.

I couldn't be more appreciative of the PMF for the direct and indirect positive impact it's had on so many people and for UBC in its support of this incredible program. And in particular to Rob for his incredible commitment and passion driving the PMF to what it is today. I look forward to continued opportunities to be involved and interact with the PMF students, alumni and leadership."

Mr. Geoffrey Clark, LWF '94 Senior Managing Director Starr Investment Holdings LLC Nashville, TN

# PMF LESLIE WONG FELLOWS

Successful graduates of the PMF become Leslie Wong Fellows (LWFs), having completed a 3-year training program to prepare them for capital markets careers. They have benefitted greatly from the guidance provided by PMF Counselors, summer employers, workshop providers and those that preceded them in becoming LWFs.

Perhaps the greatest opportunity presented to the PMF alumni, when they are students, is the challenge of working with around 14 other smart, motivated, opinionated and articulate young people, with diverse backgrounds, interests and perspectives. Learning how to deal with others may be the greatest gift that the Leslie Wong Fellows take away from the PMF when they leave to begin their careers. They use that experience well. PMF Leslie Wong Fellows

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Ms. Ronna Chisholm DOSSIERCREATIVE INC.

Vancouver

Mr. Wayne Chiu Vancouver

firms, volunteers and donors, this original vision has been realized - and then some! As a LWF, there will always be a clear and measurable link between the opportunities from those early client committee meetings my years in Henry Angus. That said, the greatest opportunity for those of us who are Mr. James Huggan

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Mr. David Bryson HUDBAY MINERALS INC.

Toronto

of the founders, faculty, mentors, hiring that the program provided and my own career and life achievements. Lessons learned are still meaningful, alongside the ongoing mentorship and friendships that stem from

fortunate enough to have been involved is the commitment to something that is beyond our own careers. The ability to be involved with the PMF as a mentor, a summer employer and other roles is our true opportunity and I'm grateful to the founders, and in particular to Professor Rob Heinkel for the "set of circumstances" initially provided but more so for the invitation to stay involved and give back to the program."

Ms. Ann Glazier, LWF '90 RPIA, Toronto

PMF program. The founders envisioned a program that would provide real world experience and mentorship to a select group of students each year. They sought to create opportunity for students, but more

"Opportunity can be simply defined as a set

do something. Reflecting on my own career,

it's impossible to overstate the importance

of the set of circumstances provided by the

of circumstances that makes it possible to

as a whole. Through the incredible support

2020 Annual Report

broadly, UBC and the finance community

Mr. Harry K. Culham CIBC WORLD MARKETS

Toronto

Mr. Michael B. Fahy

CIBC WORLD MARKETS - THE MICHAEL
FAHY GROUP

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*RPIA*Toronto

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CAI CAPITAL MANAGEMENT CO.

Vancouver

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HEALTHCARE OF ONTARIO PENSION PLAN

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New York

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MUNICIPALITY OF WHISTLER

Whistler

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SAMANEA PTE. LTD

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RBC DOMINION SECURITIES INC.

Vancouver

Ms. Lori (Zarutsky) Whiting

WELLINGTON MANAGEMENT COMPANY

Boston

Ms. Krista Yue

"The PMF experience is deeply embedded into my life story long after finishing the program. This included my first job after graduation, where I worked directly with a Leslie Wong Fellow, and continued over time across multiple continents. Even more powerful than the impact on any one of us

as individuals, the program has cultivated a community which attracts people from diverse backgrounds who share common and universal values. For every student accepted into the program, there is both an opportunity to join this community and a responsibility to contribute actively to its

future. By embracing not only the opportunity, but also the responsibility, I'm confident that current and future students will have a deep relationship with the PMF long after finishing the program."

Mr. Tytus Michalski, LWF '98 Fresco Capital, Hong Kong

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point 72 asia

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Toronto

Ms. Catherine Guan

J. P. MORGAN

New York

Ms. Cindy Hu

RBC DOMINION SECURITIES INC.

Vancouver

"The 9 (!) years that have passed since first getting admitted into the PMF program has allowed for a deeper appreciation for how impactful the program can be. The opportunities at the fingertips of a student in the PMF can be so overwhelming in its boundlessness that it can easily be taken for granted. As time goes on however, you realize that there will never be a freer playground to learn about anything and

everything conceivable within the world of finance. The feedback loop you get on your ideas from your peers and the knowledge and real life industry experience you absorb from counsellors and mentors make for an unparalleled risk-free learning environment. All of this is made possible for the students through the time and effort professors and working professionals dedicate towards enabling the program – two key

resources you also realize become increasingly scarce and more challenging to manage as we grow older! The most heartening form of gratitude is simply to witness students making the most out of their opportunities, working hard to push themselves to grow through the program, and ultimately achieving their ambitions."

Ms. Amelia Lak, LWF '13 Citigroup, London

Ms. Opal Leung

OCH-ZIFF CAPITAL MANAGEMENT

GROUP LLC New York

Mr. Jake Woodson

GOLDMAN, SACHS & CO.

New York

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New York

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Mr. Young Lee

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Ms. Eileen Li

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INVESTMENT BOARD

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RBC DOMINION SECURITIES - CHING

ASSET MANAGEMENT

Vancouver

# **CLIENT COMMITTEE**

The PMF Client Committee members are appointed by the PMF President, on the advice of the Operating Committee, to carry out the PMF Board of Director's broad investment objectives of building the PMF endowment to meet the current and future needs of our beneficiary, the Sauder School of Business.

The Client Committee meetings are opportunities for the students to see how they can stand up to intense dialog with, and questions from, a panel of investment experts. Very few such opportunities present themselves to university students, and the PMF students benefit hugely from the Client Committee members taking both their roles so seriously: as fiduciaries for the PMF and as educators of the students.

"The PMF program started a few years after I graduated from The UBC Commerce program almost 35 years ago. My first exposure to the program was in the mid 1990's recruiting for Merrill Lynch Canada. It was fantastic to see the students we hired thrive and compete with the best and brightest graduates from around the world. As the chair of the Client Committee it is gratifying to work with dedicated professors and industry professionals to oversee the endowment. Holding the students accountable for the quality of their equity and fixed

SAUDER SCHOOL OF BUSINESS

income decisions as well as sector allocation and portfolio construction, is key to effective oversight. Rob Heinkel, Murray Carlson and Pennie George do an amazing job supporting the Client Committee to accomplish this task.

Although students are only in the program for a short time, we focus on longer term performance numbers. For the four years through September 30th, 2019 the results are:

	PMF	BENCHMARK	Value added
Fund	9.77%	9.13%	0.64%
Bonds	4.57%	3.55%	1.02%
Equities	12.29%	11.46%	0.83%

I am pleased to report that the current class is keenly focused on individual and team goal setting as well as risk management. They have also implemented new leadership roles to help improve accountability and the timeliness of decision making. Finally, I would like to welcome Diane Fulton to the Client Committee. I have had the pleasure of working with Diane for several years during her tenure at the Vancouver Foundation. Her investment expertise, passion and dedication will make her a valuable member of the Client Committee.

**Mr. David Christopher** PMF Client Committee Chair Montrose Development Ltd. Mr. David Christopher

MONTROSE DEVELOPMENT LTD.

Mr. Jeff Clay, LWF '88 WHITESHELL CAPITAL LTD.

Mr. Bill Dye

LEITH WHEELER INVESTMENT COUNSEL

Ms. Diane Fulton

Ms. Jill Leversage

Mr. Michael Ryan
PMF CO-FOUNDER

Mr. Donald M. Smith (to 31 July 2021) SMITH PENSION & ACTUARIAL CONSULTANTS

#### STAFF

Prof. Murray Carlson Ms. Pennie George, LWF '97

Prof. Rob Heinkel



Bill Dye, LEITH WHEELER INVESTMENT COUNSEL • Jill Leversage • Jeff Clay, LWF '88, WHITESHELL CAPITAL LTD. • Rob Heinkel, PMF Supervisor, UBC

# **COUNSELORS**

PMF Counselors make themselves available throughout the year to meet with one or more PMF students to discuss investment ideas, the overall market, portfolio construction and risk management issues, or career questions and concerns that confront the students. As such, the Counselors are one of the primary education providers to the PMF students, both on the technical and the personal side; ethics and professionalism are at the top of that training list, and the Counselors are great role models for the students.

Ms. Christina Anthony, LWF '97 ODLUM BROWN LTD.

Mr. Mark Bridges

CONNOR, CLARK & LUNN INVESTMENT

MANAGEMENT LTD.

Mr. Dillon Cameron

DEANS KNIGHT CAPITAL MANAGEMENT LTD.

Ms. Crista Caughlin CONNOR, CLARK & LUNN INVESTMENT MANAGEMENT LTD. Mr. Wayne Deans

DEANS KNIGHT CAPITAL MGMT LTD.

Mr. David George, LWF '97

CONNOR, CLARK & LUNN INVESTMENT

MANAGEMENT LTD.

Mr. Emil Khimji, Lwf '07
WHITE CRANE CAPITAL

Mr. Murray Leith
ODLUM BROWN LTD.

Mr. Daniel Lewin, LWF '93

LEWIN CAPITAL MANAGEMENT LTD.

Mr. Ryan Males
CIBC WORLD MARKETS

Ms. Tracey McVicar, LWF '90
CAI CAPITAL MANAGEMENT CO. LTD.

Mr. Jay Menning
RBC PHILLIPS, HAGER & NORTH LTD.

Mr. John P. Novak

CONNOR, CLARK & LUNN INVESTMENT

MANAGEMENT. LTD.

Mr. Scott Powell

LEARNING STRATEGIES GROUP / CFI

Mr. T.J. Sutter
RBC CAPITAL MARKETS

Mr. Wayne Wachell
GENUS CAPITAL MANAGEMENT INC

# **COUNSELOR PROFILE: JAY MENNING**

Jay graduated in 1994 with a Bachelor of Commerce from UBC. After graduation, he worked as an analyst at TD Asset Management in Vancouver and later Toronto, where he eventually moved to a credit focus. Credit analysis in those days was simply seeking an answer to the question: will this credit default prior to maturity?

Jay later moved back to Vancouver where he was a partner with Connor Clark & Lunn and later moved to Phillips Hager & North, where he is currently co-head of the investment grade credit team. At PH&N, investment grade credit plays a role across many mandates ranging from short term to all-corporate to Liability Driven Investing mandates. Credit analysis is no longer just a call on default probability. Suitability for a given mandate must take into account term, structure, credit beta, valuation and, of course, fundamental opinions.



"As a PMF Counselor, I have seen an increase in the sophistication of the students' approach. Yes, they want to know how best to analyze credits, but they also want to know how credit fits into their balanced portfolio. Each new group of students takes a fresh approach, not simply relying on how it was done before.

I'm continually surprised at the level of questioning I get from the students. How should our analytical approach to high-quality credit differ from high-yield or equity? Will high quality credit move with or against the stock market in different environments? Does US credit have a place in the portfolio, and if so should it be hedged? I find myself really thinking prior to answering their questions."

Mr. Jay Menning Co-Head, Investment Grade Credit RBC Phillips, Hager & North Ltd., Vancouver



# **SUMMER 2019 INTERNSHIPS**

#### **TORONTO INTERNSHIPS**

# Canada Pension Plan Investment Board

# Intern: Ms. Arielle Lynn

Mr. Nader Ahmed, LWF'09

Ms. Erica Chan

Mr. Geoff Clark

Ms. Ruby Grewal

Mr. Adam Jacobson

Mr. Moritz Krautkraemer, LWF'06

Ms. Elian Koganov

Mr. David Marrello

Mr. Max Miller

Mr. Aman Singh

Ms. Caitlin Walsh

# Cambridge Global Asset Management

#### Intern: Ms. Kelly Wu

Mr. Greg Dean

Mr. Stephen Groff

Mr. Jordan McNamee

Mr. Dan Rohinton

Mr. Geoff Scott

Mr. Oliver Shao

Mr. Brandon Snow

Mr. Robert Swanson

#### CIBC World Markets

# Intern: Ms. Catherine Yang

Ms. Kathy Butler

Mr. Jonathan Chu

Mr. Paul Gorman

Mr. Jerome Julian

Mr. Mark Landry

Mr. Spencer Main

Mr. Amit Monga

Mr. Ryan Voegeli

Mr. Derek Wan

# **Guardian Capital LP**

## Intern: Ms. Inayat Budhiraja

Mr. Sam Baldwin

Mr. Greg Chai

Mr. Gary Chapman

Mr. Andrew Cox, LWF '97

Mr. Brian Holland

Mr. Adam Low

Mr. Ted Macklin

Ms. Michele Robitaille

## **Marret Asset Management**

# Intern: Mr. Graeme Brawn

Mr. Barry Allan

Mr. Adrian Prenc

Mr. Paul Sandhu

Mr. Adam Tuer

Mr. John Zondo

## Ontario Teachers' Pension Plan

# Intern: Ms. Caryssa Kim

Mr. Ian Archbold

Mr. Brandon Gerson

Mr. David Haddock

Ms. Misha Miranda

Mr. Sean Moore

Mr. Dennis Snopkowski

## Picton Mahoney Asset Management

# Intern: Ms. Tahlia Ifada

Mr. Tim Brady

Mr. Dan Brennand

Mr. Peter Brimm

Mr. Sachin Gupta

Mr. Neil Khosla

Mr. Phil Mesman

Mr. Dave Picton, LWF'88 Mr. Peter Yik

Mr. Onirik Sarma

Mr. Taras Klymenko

#### **RBC Capital Markets**

# Intern: Ms. Elisha Im

Ms. Anne Baumann

Mr. Sam Crittenden

Mr. Alexander Jackson

Mr. Douglas Miehm

Ms. Yasmin Nasser

Mr. Savneet Uppal

# **RBC Capital Markets**

## Intern: Ms. Zoe Zhu

Ms. Harleen Bains

Mr. Kam Bath

Mr. Thomas Blodgett

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Mr. Colin Gorling

Ms. Carol Lee, LWF'18

Mr. Nabeel Rajan, LWF'02 Mr. Jonathan Rioux

Mr. George Stacey

Mr. Tenzin Zongdho

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# Intern: Mr. Jan Kunow

Mr. Lorne Creighton

Mr. Phillip Dolinar

Ms. Ann Glazier, LWF '90

Mr. Arnav Gupta

Mr. David Matheson

Mr. Andrew Pringle

Mr. Michael Quinn

Mr. Tony Wang, LWF '12

## **NEW YORK INTERNSHIPS**

#### **BC** Partners

# Intern: Mr. Balreet Bhangoo

Mr. Ivelin Dimitrov

Mr. Matthias Ederer

Mr. Olivier Fioroni

Mr. Ted Goldthorpe

Mr. Peter Karas

Mr. Graham Kohan

Ms. Kim Kuoch

Mr. Young Lee, LWF '19

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Mr. Phil Warren

# Blackstone

# Intern: Mr. Sequoyah Hanson

Ms. Kate Boyle

Mr. Sid Goel

Mr. Ryan Harpster

Mr. Kenneth Johnson

Mr. Verdun Perry

Ms. Kassy Shiotani

# **Greywolf Capital**

# Intern: Mr. Arvind Vig

Mr. Steve Abrams Mr. Jim Gillespie, LWF '95

WII. JIIII GIIIESPIE, LWF 9.

Mr. John Hudson

Mr. Marc Laborsky Mr. Joe Marconi

Mr. Paul Martin, LWF '98

Mr. Sergey Pekarsky

Mr. Jon Savitz

Mr. Bill Troy

### **Starr Investment Holdings**

Intern: Mr. Nicholas On

Ms. Vanessa Bondi

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Mr. Jeremy Gaspar

Mr. Christopher Hardy

Mr. Michael Latimer

Mr Jordan Lee

Mr. MJ McNulty

Mr. Oliver Patten

Mr. Darshan Prabhu

Mr. Daniel Troy

"It is satisfying and rewarding to see the growth and success of the PMF program. In my view, more important than the impressive annual returns and great investments we've made, is the way we achieved it. It is the learning experience and the way students treat each other during their time in the program that really matter. The mentorship program gave me the opportunity to discuss with Sequoyah the PMF principles, 'teamwork' and 'respect for the individual', and the associated behaviors; being a good listener, respecting the work of our colleagues, and demonstrating leadership when we feel the discussion is 'unhealthy' or polarized by proactively pushing the team to build bridges and to find common grounds. I hope that over the summer I was able to emphasize the importance of these values as keys for success in the program and later on in life, and that the students will carry these messages this year and in years to come."

Mr. Noam Gilead, LWF'12 J.P. Morgan, New York

"One of my favourite parts about working in this business is the opportunity to work with diverse, yet like-minded people. Finance attracts individuals from many different backgrounds who all share a similar thirst for knowledge and work ethic; the PMF is a microcosm of this dynamic. I think the program's mentorship opportunities offer both the mentors and mentees the chance to learn from someone that may have a different perspective on the business, markets, or the world; at the same time they get to meet someone, who through mutual respect and a shared passion for capital markets, they can form a lasting relationship with. Having benefited from many great mentors during my time in the program and the industry, I was excited for my first opportunity to act in a mentorship role. Hopefully my first mentee Graeme Brawn enjoyed the experience as much as I did."

Mr. Graeme Gilbert, LWF '14 Global Banking and Markets Scotiabank

# **SUMMER MENTORS**

PMF graduates volunteer to be a Summer Mentor, if selected by a PMF student. The internships are particularly stressful for the PMF students as they face significant uncertainty: living in a new city, meeting and working with new colleagues and being inundated with new finance language and concepts. The student knows that their Summer Mentor has been in those same shoes earlier in their career, and this makes dealing with the change and stress much easier. We are very grateful that the alumni give their time, expertise and personal support to their PMF student Mentees.

#### **TORONTO SUMMER MENTORS**

Mr. Nader Ahmed, LWF '09
Mr. Graeme Gilbert, LWF '14
Mr. Moritz Krautkraemer, LWF '06
Mr. Chris Maludzinski, LWF '08
Mr. Nabeel Rajan, LWF '02
Mr. Alex Schwiersch, LWF '01
Mr. Randy Steuart, LWF '07
Mr. Davis Town, LWF '11
Mr. Tony Wang, LWF '12
Ms. Jenny Yan, LWF '11

#### **NEW YORK SUMMER MENTORS**

Mr. Josh Feyissa, LWF '13 Mr. Noam Gilead, LWF '12 Ms. Catherine Guan, LWF '14 Mr. Jake Woodson, LWF '14 Elisha Im Graeme Brawn Zoe Zhu Jan Kunow Catherine Yang Caryssa Kim Inayat Budhiraja Arielle Lynn Kelly Wu Tahlia Ifada

Balreet Bhangoo Sequoyah Hanson Nicholas On Arvind Vig "This past summer we welcomed Kelly Wu to our firm as a co-op, fully recognizing the responsibilities that came with guiding a student in her professional development. Kelly came on board with a pitch ready to showcase the depth of thought she was capable of, and we reciprocated by tasking her with looking at a consumer tech company in multiple verticals in a foreign country. Over the next few months, it was highly rewarding to see Kelly question management's historical decision-making process within the context of what might have been known at past periods of time, as well as analyze competitor incentives in changing parts of the market to see how that impacts unit economics for the business.

We hope that over the summer we were able to not only add new perspectives and ways of thought in Kelly's toolbox as an investor, but also to help add some context into the different roles that can be available and rewarding to her."

Mr. Danesh Rohinton, Portfolio Manager Mr. Oliver Shao, Equity Analyst Cambridge Global Asset Management, Toronto

"Marret has had the privilege of being involved with the PMF program since 2007. The consistent quality of the candidates that we've had the opportunity to work with is unmatched. Their eagerness to learn, ability to manage the pressures we place on them, and tenacious attitude to problem solve is exemplary. Our experience with Graeme Brawn during this year's Summer Internship was no different. Whether he was trying to investigate some of the intricacies of cross-currency government bond markets or analyzing sector-challenged high yield corporate debt, he brought the same adaptability, enthusiasm and determination to succeed. With the type of candidate characteristic of the PMF program, we are grateful for the opportunity to play a small part in encouraging the next generation of financial market leader's development."

Mr. Paul Sandhu

Marret Asset Management Inc.

## **TORONTO SUMMER WORKSHOPS 2019**

#### **SPECIAL TOPICS**

# PMF Summer Mentor Introduction

Prof. Rob Heinkel, hosted by Mr. Nabeel Rajan, LWF '02, RBC CM

## **Using Capital IQ**

Mr. Mustapha Khokhar, Mr. Miraj Patel, Mr. James Fitzpatrick,

Mr. Aamir Hoodbhoy, Mr. Dan Sovocool, S&P Global Capital IQ

## **PMF Summer Stock Project**

Ms. Rae Liu, LWF '16, Mr. Tony Wang LWF '12, hosted by Gluskin Sheff + Associates

# The Role of RBC Investor Services Trust as the PMF Custodian

Ms. Harpinder Mangat

# Capital Markets Careers, Ethics and Lunch at HOOPP

Hosted by Mr. Adrian Mitchell, LWF '90, Ms. Jennifer Shum, LWF '93

## **Ethics in the Capital Markets**

Mr. Andrew Pringle, RPIA

## **Using CPMS Morningstar**

Mr. Ian Tam

#### **INVESTING AND TRADING TOPICS**

# Equity Investing at Canada Pension Plan Investment Board

Ms. Erica Chan, Mr. Moritz Krautkraemer, LWF '06, Mr. Nader Ahmed, LWF '09, Mr. Josh Dogor, LWF '18, Mr. Max Miller, Ms. Arielle Lynn, PMF CLASS OF 2020

# Fixed Income Investing at Gluskin Sheff + Associates

Ms. Shelagh Lemke, Ms. Dorothea Mell, Ms. Rae Liu, LWF '16

## **ESG Investing at Jarislowsky, Fraser Ltd.**

Mr. Mikhail Nikolaychuk, LWF '17, Mr. Aaron Bennett

# Equity Investing at Fidelity Investments

Mr. Joe Overdevest, Mr. Andrew Hall, LWF '18, Mr. Andrew Marchese

## **Fixed Income Investing at RPIA**

Mr. Michael Quinn, Mr. Tony Wang, LWF '12

## **Bond Trading at RBC Capital Markets**

Mr. Nabeel Rajan, LWF '02

# Fixed Income Sales & Trading at TD Securities

Mr. Michael Butcher, Ms. Temulun Bagen

# Fixed Income Investing at CIBC Asset Management

Mr. Adam Ditkofsky, Mr. Patrick O'Toole

# Equity Investing at Burgundy Asset Management

Ms. Robyn Ross

# Equity Investing at Sheer, Rowlett & Associates

Mr. Tim Bradshaw

# **Equity Sales and Trading at CIBC World Markets**

Mr. Ryan Fan

# Quantitative Investing at RBC Global Asset Management

Mr. Bill Tilford

# **Equity Investing at 1832 Asset Management**

Mr. Vishal Patel

"As a first time host of the PMF students this summer in Toronto, I enjoyed the opportunity to meet with them and discuss their backgrounds and thoughts on career paths. I admired their focus and forward thinking views of the investment world, which helped educate me about the topics and interests of people just starting in the investment industry.

In the session with the students about our approach to investing, they were engaged, interested and asked fabulous questions. Through our discussions, we covered areas of risk, uncertainty and the concept of not knowing what you don't know, which hopefully highlighted how challenging (and interesting) the investment process can be. I wish the students the best for a successful year and look forward to meeting a new group next summer."

### Mr. Tim Bradshaw

Vice President Scheer Rowlett & Associates Investment Management Ltd., Toronto

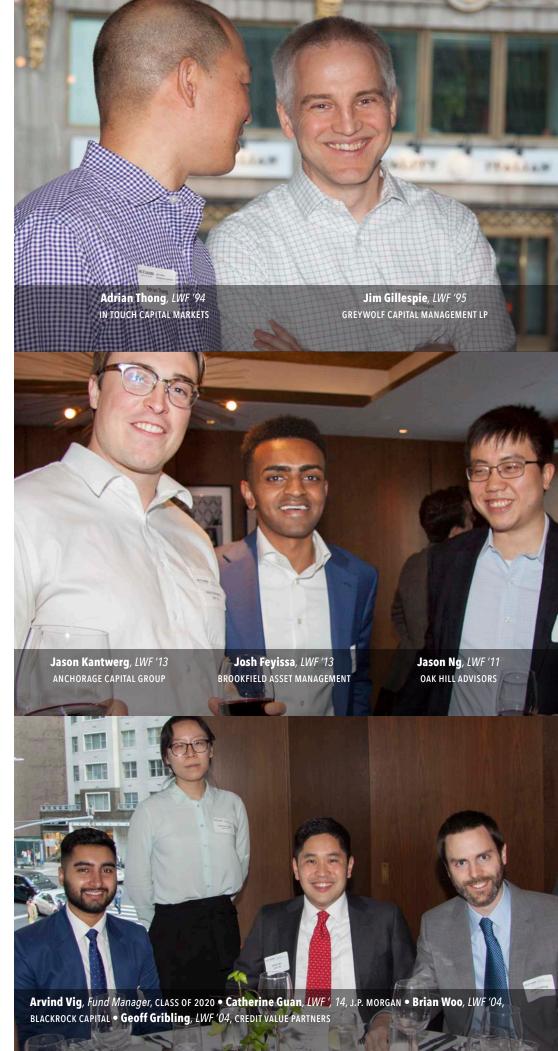
"We look forward to hosting PMF students annually for an engaging discussion on research-driven, fundamental investing. It's a great opportunity to share our diverse approaches to investing at Fidelity, focusing on areas like developing clear investment theses, and how to react to changing fundamentals. The students' curiosity and questions are invariably the highlight, revealing impressive knowledge, and an even more impressive drive to learn more. It's a welcome reminder of the importance of enduring inquisitiveness and constantly challenging oneselfqualities we strive for every day at Fidelity, and ones supported by the PMF's essential role developing new leaders."

Mr. Joe Overdevest, Portfolio Manager Mr. Andrew Hall, LWF '18, Analyst Fidelity (Canada) Asset Management ULC, Toronto

"I have had the great pleasure of working closely with graduates from the PMF program over the last few years. The high caliber of students that graduate from the program is a reflection of the unique educational environment provided to students, which importantly includes practical investment experience, enhanced through summer workshops and internships. Gluskin Sheff was very pleased to become a workshop provider for the first time this summer. It was a pleasure to meet such a diverse group of young people with such interesting backgrounds. We were very impressed with the enthusiasm and depth of capital markets knowledge already reflected in our discussions. We were pleased to be able to enhance that knowledge, specifically related to credit markets."

#### Ms. Dorothea Mell, CFA

Managing Director & Portfolio Manager Gluskin Sheff + Associates Inc., Toronto





Brian Holland, Guardian Capital Lp • Vishal Patel, 1832 ASSET MANAGEMENT LP • Gary Chapman, Guardian Capital Lp • Ted Macklin, Guardian Capital Lp • Pennie George, LWF '97, PMF Supervisor, UBC SAUDER SCHOOL OF BUSINESS



MARRET ASSET MANAGEMENT INC.

## **ACKNOWLEDGEMENTS**

The PMF wears two hats: (1) a money management firm tasked with the active investment of a \$10 million endowment that benefits the Sauder School of Business and (2) an educational vehicle to provide a sound academic understanding of the economic functioning of the capital markets along with the insights and expertise available only from the practicing professionals who support the PMF every day. We are so grateful and pleased to have this chance to say thank you

### SERVICE PROVIDERS TO THE PMF

# Custodial service and performance measurement

#### **RBC Investor Services Trust**

Mr. Dhurva Indrabahadur, Mr. Ayhan Kaya, Ms. Marium Lakhani, Mr. Alkarim Mamdani, Ms.Harpinder Mangat, Ms. Patricia Moore, Mr. Munish Saluja, Ms. Maria Weinmuller

### Performance measurement Ellement Consulting Group

Mr. Brad Bondy, Ms. Yijeong Park

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Mr. Ian Tam

# Insider trading reporting and analytics INK Research Corp.

Mr. Henry Chan, Mr. Ted Dixon

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### FX Trading Services CIBC World Markets

Ms. Arezou Bahari, executive director, foreign exchange

# Fixed Income Data Provision FTSE Russell

Mr. Brett McKinley

# Daily Market Comment Mr. Ed Pennock

### Weekly Market Watch CIBC Wood Gundy Market Watch

Mr. Michael Fahy, LWF '90

# Canadian and US Equity Options Weekly Update:

#### **TD Securities**

Mr. Vishal Hingorani, LWF '96

### Global Macro and Credit Research: Morgan Stanley Research

Mr. Jason Ng, LWF '11

# Online Research from Goldman Sachs Group:

Mr. Kevin M. Chan, LWF '01

### **Site Visit**

British Columbia Investment Management Corp.

## Photographic services

Ms. Judy Schiller, International Photographer, New York

Ms. Tobi Asmoucha Photography, Toronto

#### Design services

Mr. Martin Naroznik of Etculli Design

The following people contributed their morning to educating the PMF students about investment strategies and processes at BCI, one of Canada's largest money management firms. These people offered their insights into public and private markets, infrastructure and renewable resources, as well as a look inside the BCI operation:

Ms. Sarah-Anne Brault, Mr. Jason Cawley, Mr. Justin Jacobsen, Mr Raheel Jariwalla, Ms. Breanne Stoudt, Mr. Hugh Willis September 2019

### PMF-ATTENDED SEMINARS

## Trading Infrastructure and Trading Through CQ Correspondent Partners Mr. Jerry Carter, Ms. Maria Montano

October 2019

# Emotional Capital Reports Using ECR 180 and follow-up Interviews

Ms. Martina Valcovicova, *Sauder School of Business, UBC* October 2019

# SCHOLARSHIP PROVIDERS TO PMF STUDENTS:

Mr. Aaron Carter, LWF '09
Deans Knight Capital Management Ltd.
Ms. Andrea Lobo Prabhu, LWF '11
Mr. V. Paul Lee, LWF '87, via Tides Canada

# PMF FUND ACCOUNTANT AND SUPERVISORS

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Prof. Lena Pikulina, Sauder School of Business
Mr. Scott Powell, PMF COUNSELOR & Learning Strategies Group
Mr. James Rife, LWF '06, Canalyst
Mr. Kristian Sawkins, LWF '99,
RBC Phillips, Hager & North
Ms. Woon Ai Tsang, LWF '96,
RBC Dominion Securities
Mr. Yu-Jia Zhu, LWF '08, White
Crane Capital

### ADDITIONAL THANKS

We would also like to thank the following individuals and organizations for their support, which has come in many different, but important, forms.

Mr. Joost Blom, Chair of the **UBC Faculty Pension Plan**, for allowing two PMF students to attend investment manager

presentations to the FPP Board, with the managers' permission.

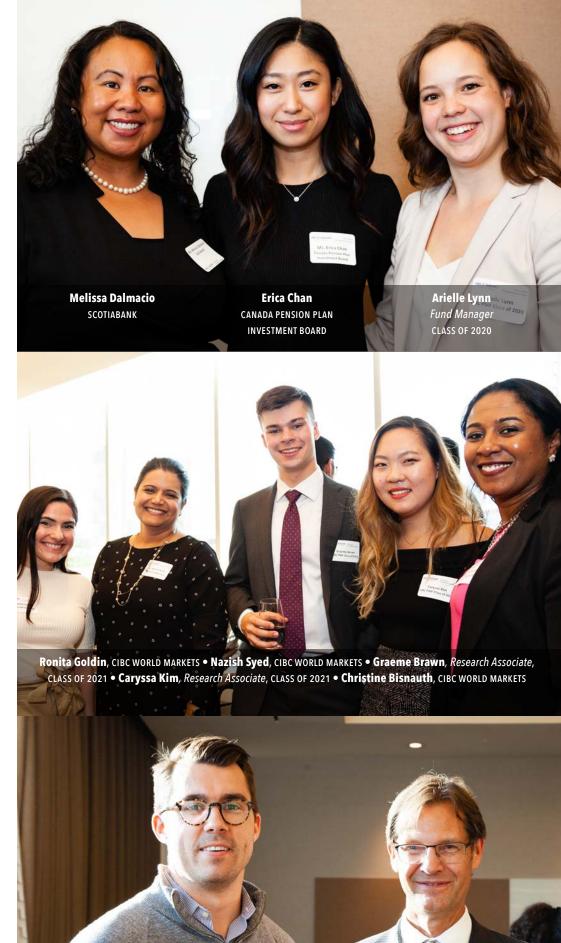
Prof. Dan Skarlicki, **Sauder School of Business**, for educating the PMF students about teamwork and group decision-making.

Mr. Doyle Bauman, LWF '87, **Scotia Capital Markets**, for speaking to the PMF students on Capital Markets Ethics and Professionalism

"We focus on empowering partners and investors with sophisticated yet easy-to-use tools to meet their investment objectives. We're proud to be part of the industry network supporting UBC Sauder and the PMF to nurture the next generation of professional asset managers as they build their understanding of capital market infrastructure and the intricacies of settlement."

#### Ms. Maria Montano

Director, Relationship Management Aviso Correspondent Partners



**Murray Carlson** 

PMF Supervisor UBC SAUDER SCHOOL OF BUSINESS

Jordan McNamee

**CAMBRIDGE GLOBAL ASSET MANAGEMENT** 

## FINANCIAL DONORS

The PMF Fund offers many benefits. Earnings from the endowment support teaching and research in the Sauder School of Business and provide funds for all of the PMF students' activities. The program would not be possible without the generosity of all those shown here.

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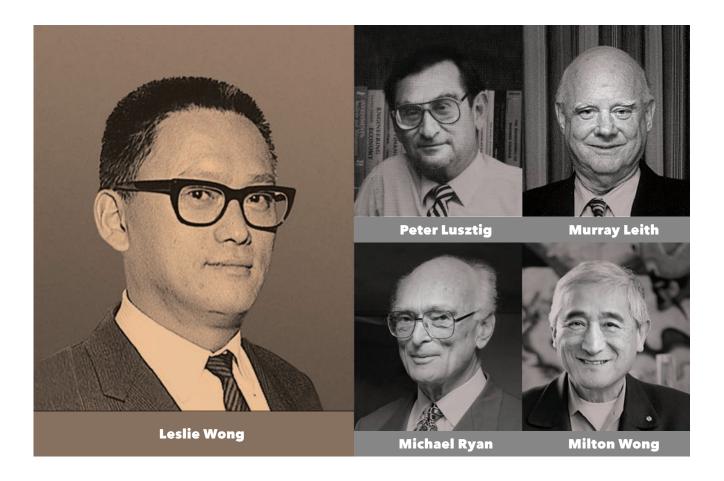
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# PROFESSOR LESLIE WONG AND THE PMF FOUNDERS

With over 30 graduating classes and years of operating success, the PMF has grown from an idea conjured up by three UBC graduates, into a high-profile institution, widely recognized in capital markets around the world. With many of the founders and original partners now gone, it is difficult for current PMF participants to have any sense of the spirit of professionalism, intellectual energy and sense of always "doing the right thing," that the founders brought to what is now the Sauder School of Business. The inspiration for the founders' proposal to the Sauder School was Professor Leslie Wong. This brief history is an attempt to convey a bit of Professor Wong's spirit and the resulting institution.

Professor Leslie Wong, a member of the UBC Faculty of Commerce, died unexpectedly in 1967 at the young age of 48. He was missed greatly by his students, former and current, and his colleagues.

Professor Wong had many accomplishments. He brought together the Faculty of Commerce and the Vancouver Junior Chamber of Commerce and helped organize courses for, originally, about 100 professionals in Vancouver. Within three years the number grew to 600 students and the Faculty of Commerce's Professional Programmes was born. From 1961 to 1965 Professor Wong was the director of a program aiming to bring a school of commerce to Singapore. As a Visiting Professor at the University of Malaysia, his work to bring together Asian and Canadian academics was the beginning of what is today a very extensive set of relationships between the Sauder School and many universities in the region.

Art Phillips, co-founder or RBC Phillips, Hager and North Ltd., took a security analysis course from Professor Wong. Said Phillips, "One thing about Leslie, he was a very human person. What a lot of profs are unable to teach you is the human side of business. Often, personal relationships, conversations and personal interactions are more important than numbers."

The Commerce Dean at the time, Professor Colin Gourlay, said "He was an excellent teacher. He got on extremely well with his students. Not only that, Les had tremendous connections with the downtown business community."

Michael Ryan recalled Professor Wong "was a salt-of-the-earth person." Murray Leith said "I do it the way he did: as something you live and breathe." Mr. Leith and Mr. Ryan brought that same attitude of common sense and professionalism to the students and other PMF mentors, and it continues to this day as a core value of the program.

In recognition of Professor Wong's efforts to bring together academics and professionals, two of his former students, Mr. Murray Leith and Mr. Michael Ryan,

funded and established the Leslie Wong Memorial Visiting Professorship in Finance. The fund supported a visit each year by an outstanding academic to work with Faculty of Commerce finance members and interact with the local finance community.

In 1985, Mr. Milton Wong, a friend of Professor Wong, asked to join Mr. Leith and Mr. Ryan in strengthening and renewing the recognition of Professor Wong; the result of their creative vision was the UBC Portfolio Management Foundation. The program framework today is virtually unchanged from the concept the Founders brought to Dean Peter Lusztig, who immediately recognized the potential of the program designed to train Commerce's best students for careers in money management and the capital markets. Dean Lusztig gained the help of colleague and friend Professor Ralph Loffmark, a former member of the British Columbia legislature, to gain critical regulatory approval for the PMF vehicle. The PMF was the first program of its kind to be accepted by the

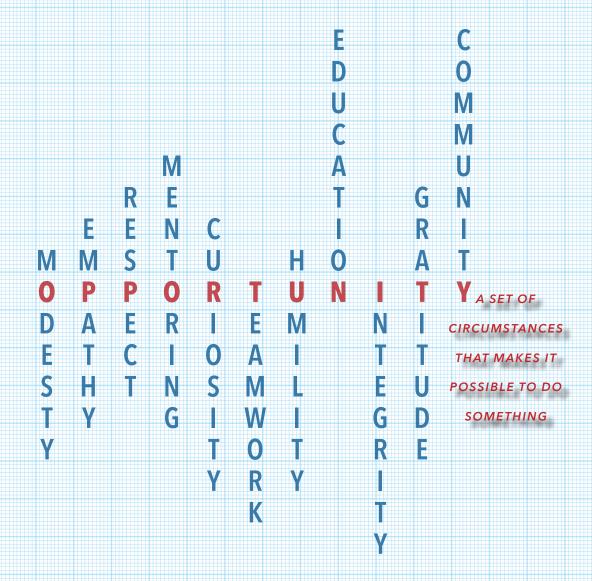
Canada Revenue Agency and the BC provincial government as a public foundation, able to accept donations and issue tax receipts, independent of its home base, UBC.

The Founders' involvement in the program was just beginning. Mr. Wong, a highly respected investment manager leading his own firm, M.K. Wong and Associates, raised initial contributions from the business community of \$300,000, plus pledges of that amount again. Mr. Wong also met with every entering PMF class until his passing in 2011. Mr. Leith and Mr. Ryan, both highly respected analysts and portfolio managers, became Founding Mentors, a group of about 15 local investment professionals who gave their time to teach and mentor the PMF students. Mr. Leith continued in that role until shortly before his passing in 2003. Mr. Ryan continued as a PMF Mentor until his retirement from Leith Wheeler Investment Counsel. He was asked to join the PMF Client Committee in 2006, a role he continues to fulfill with enthusiasm.

much to the benefit of the PMF students and Supervisors.

In 2008 the PMF adopted the Merrill Lynch Principles as the set of values that reflects those of Professor Wong and the three Co-Founders, Murray Leith, Michael Ryan and Milton Wong. They are: integrity, respect for the individual, teamwork, client focus and community responsibility. These simple concepts are stressed to the PMF students throughout their education. It is a fitting way to reflect on what Professor Wong and the Co-Founders brought to UBC.

The first PMF students were admitted in 1986, forming the Classes of 1987 and 1988. All graduates of the PMF are granted a "Leslie Wong Fellow" certification in honor of the Founders' mentor and friend. It is a highly coveted and respected certification, now held by over 200 people spread all over the world. A small bit of Professor Leslie Wong's spirit resides in each of those graduates.





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