

2018 ANNUAL REPORT
UBC PORTFOLIO MANAGEMENT FOUNDATION

A cornerstone of successful stewardship is how much the stewards care about what has been entrusted to them. Murray Leith Senior was not only a PMF founder, but a program steward for the rest of us to model.

As a PMF student, counselor visits with Murray were amongst my favourite. He had a pragmatic and honest approach to everything we discussed: from investments, to careers, to life in general. I remember his look of pride as my PMF graduating class told him the firms and cities to which we would be moving.

Over the subsequent 5 years, I had moved from Vancouver to Toronto to New York, and my wife and I were contemplating a return to Vancouver. Regretfully I hadn't kept in touch with many from Vancouver, but nevertheless, I made a lot of calls for advice. The process was characterized by unpredictability, with some calls disappointingly unreturned and others unexpectedly answered.

I left a voice message for Murray, and after several weeks without a response, I chalked it up to another relationship that I should have better cultivated. But then one day the phone rang, and Murray was on the other end.

Murray began by profusely apologizing to me for not returning my call sooner. He had been in the hospital for

an extended period due to a heart condition and had just returned home. I was gobsmacked. Here was a senior member of the Vancouver investment community - one of the founders of the PMF to which I owed my entire career - now apologizing to me for his hospital stay delaying his return of my call. It perfectly summed up everything that made Murray an exemplary counselor. The next hour was us catching up over too long of me not being in touch, Murray patiently listening to my mid 20-something angst, and him once again giving me his pragmatic advice in the heartfelt way that I had always appreciated. Sadly, it wasn't long after that call that Murray passed away.

I will never forget that conversation. Eventually I returned to Vancouver on my own time. But now, as a PMF mentor and counselor, my goal is to emulate the heart that Murray brough to the role. The PMF's long-term success is all but assured if stewarded by people who care and act as Murray Leith did."

— Mr. David George, LWF '97
PMF Counselor

Connor, Clark & Lunn Investment Management Ltd.

THE KEEPERS OF THE GARDEN ARE THOSE WHO WATER IT, TRIM THE BRANCHES, PLANT THE SEEDS, AND PULL THE WEEDS. IF YOU MERELY STROLL THROUGH THE GARDEN, YOU ARE BUT AN ACOLYTE.

- VERA NAZARIAN



#### INTRODUCTION 2018 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 years 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 \$9 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 easily 20 or more 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: Canada Pension Plan Investment Board, Fidelity Investments, Guardian Capital LP., Ontario Teachers' Pension Plan, Picton Mahoney Asset Management, RBC Capital Markets, RP Investment Advisors and West

Face Capital. PMF students also did internships in San Francisco at Kohlberg Kravis Roberts & Co. and in New York with Goldman Sachs Asset Management Credit Alternatives, and Kohlberg Kravis Roberts & Co.

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 analytical skills, evidence of leadership and interpersonal skills and a motivation for a career in the

# ADMISSION PROCESS 1000 Sauder Second Year Students 60 Applicants 1000 Interviewees 70 Admissions Admissions Admissions Admissions Admissions Admissions All NIJOR PESEARCH ASSOCIATE

**TORONTO** 

#### **NEW YORK**



Assist senior PMF students with equity and bond research; attend Client Committee Meetings

BAY STREET INTERNSHIP

RESEARCH ASSOCIATE

AUG - SEP - OCT - NOV - DEC + JAN - FEB - MAR - APR - MAY - JUN - JUJ - AUG - SEP - OCT - NOV - DEC - JAN - FEB - MAR - AP

2ND YEAR SUMMER 3RD YEAR

UBC Bachelor of Commerce • Finance Option

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 graduates 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.



U В С **РМ F** 

**SAN FRANCISCO** 



**LONDON** 



**VANCOUVER** 



**VICTORIA** 



**CALGARY** 



Responsible for running the PMF Portfolio; select and trade equities and bonds; attend Client Committee Meetings LESLIE WONG FELLOWSHIP GRANTED

**GLOBAL INTERNSHIP** 

**FUND MANAGER** 

PMF ALUMNI

MAY - JUN - JUL - AUG - SEP - OCT - NOV - DEC - JAN - FEB - MAR - APR - MAY - JUN - JUL - AUG - SEP - UCT - NOV

SUMMER 4TH YEAR UBC Alumni

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#### PMF PRESIDENT'S REPORT

One of the great pleasures of serving as Dean of the UBC Sauder School is the opportunity that this creates for me to meet with current students and past graduates of the school. Our school is fortunate to have a large number of very accomplished and engaged alumni, and this is especially true of the alumni of the PMF program. In my meetings with Leslie Wong Fellows, I am always struck by the gratitude and respect that they display toward the university, the school, their fellow graduates, and especially their long-time mentor, and my long-time colleague, Professor Rob Heinkel. These are the kinds of relationships that inspire all of us at UBC Sauder to pursue excellence in all that we do.

The past year has been busy and productive for UBC Sauder. We launched a new graduate program in business analytics, completely redesigned our part-time MBA, welcomed the first cohort of the dual degree bachelors' plus masters of management students into the Robert H. Lee Graduate School, took our first steps in online degree education with the "Micro Masters in Management", expanded our partnerships with Yale, Berkeley and the other schools in the Global Network for Advanced Management, immersed our MBA's in organizations in Bangalore, London, Santiago, and Tokyo to advance their global perspectives, and welcomed 14 new full-time faculty to the school.

We also developed a new strategic plan for the school (available at http://www.sauder.ubc.ca/About/Strategic\_Plan\_2017\_-\_2022), to articulate our vision, mission and values, and develop principles that will guide decision making for the next five years. Our updated mission reads as follows:

"As part of one of the world's finest public universities, we pursue excellence in research and teaching to inspire and educate responsible leaders who improve business, drive innovation and generate prosperity in British Columbia and throughout the world."

I am very pleased to see that the concept of "responsible leadership" is also clearly on the minds of the current students in the PMF program. Stewardship — of financial outcomes, of customers, of employees and the environment — is an essential element of the practice of being a responsible leader, and thus it is very fitting that the students have chosen to focus this year's report on this concept. I know that you will join me in the hope, and the expectation, that our current students will grow to become the responsible leaders that the financial markets, business more broadly, and society, deserve.

The PMF program is changing, as it always does, in anticipation of changes in the capital markets which employ the graduates of the program. The PMF Board of Directors accepts responsibility for guiding the changes that require our regular attention and care. In other words, we recognize our responsibility of stewardship to the program.

I want to thank the Directors whose terms recently expired: Mr. David Bustos, LWF '91 and Mr. Martin Gerber, LWF '91, and thank in advance Mr. Jim Huggan, LWF '89, whose term will end this summer. I am pleased to welcome new Board members Ms. Maili Wong, LWF '01 and Mr. John Montalbano, LWF '88. Along with Board members Professor Jim Brander and Professor Ralph Winter, the Board will continue to be good stewards of the PMF.

Thank you for your continued commitment to UBC Sauder and the PMF program. Please stay in touch. Best regards,

#### **Robert Helsley**

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

and Research Associates to focus on the day-to-day management of the Foundation assets within a robust framework that reflects best-in-class investment management practices. The governance structure includes the Program Supervisors, the Client Committee, the Operating Committee and the Board of Directors. Governance includes setting and refreshing policy as well as ensuring successful execution of that policy. Since the very early days, alumni have played a significant role in many aspects of the program, including stewardship. I have had the privilege to

serve two terms on both the Operating Committee and the Board of Directors. Like almost all Leslie Wong Fellows, graduating from the program set my career in motion and being able to contribute with this service has been truly rewarding."

Mr. James Huggan, LWF '89 HSBC Asset Management Canada Ltd. and current PMF Director

#### PMF SUPERVISORS' REPORT

2017 and 2018 are looking to be years of continuing change, adaptation and transition. As we continue to evolve along with the capital markets, we attempt to keep our "eyes on the ball." For us, that means being the absolute best possible stewards of the PMF endowment, our students, alumni and friends. The theme of "stewardship" chosen by the students for this year's report is very important and timely. It is certainly in our minds almost every day.

As we begin a transition in Supervisors at the PMF, we are extremely fortunate to have added Ms. Pennie George, LWF '97 to what is now a trio of PMF Supervisors. After graduating from the PMF and spending a decade on Bay and Wall Streets, she returned to Vancouver where she is raising two fine young children. We couldn't think of better training to become a PMF Supervisor! Pennie and Prof. Murray Carlson will continue to take on more roles from Prof. Rob Heinkel over the next few years. The objective of this transition is to understand the role of the PMF in the capital markets over the next decade or more and put in place leadership to best achieve our students' dreams and provide generous funding for the Sauder School of Business.

A major shift within the capital markets over the past few years is how most big employers, both buyside and sell-side, hire new full-time employees out of university. Rather than waiting until the end of fourth year to hold interviews and hire candidates to start 6 months later, firms now hire from the pool of successful interns that they hire between third and fourth year of university; the firms make offers at the end of the summer for positions to begin full-time one year hence. Also, employers now sometimes look at interns between second and third year, as candidates for a subsequent internship the next year. Because of these changes, the PMF now admits new PMF students at the beginning of their second year at UBC, meaning they are now in the PMF for the final three years of their four years at university.

We are working very carefully to determine how best to manage the earlier admission of the new PMF students, to provide them the training they need to be productive in their upcoming Toronto internships, while at the same time allowing them the time to continue to be second year Sauder School students. It is a delicate balance.

The PMF endowment of \$9.3 million continues to enjoy great performance. Over the last 4 years (to 31 Oct 17), the fund has beaten its benchmark, returning 11.2% versus the benchmark at 10%. This out-performance came from both the bond portfolio (which beat the TMX by 1.7%) and the stock portfolio (which beat a 50/50 weighting of the TSX and the SP500 by 1.2%).

We won't complain when the North American equity benchmark is up 13.9% per year over the last four years, and we did a little better!

How does all this happen? One answer: "stewardship." A definition of "stewardship" (from dictionary. com) is "the responsible overseeing and protection of something considered worth caring for and preserving." We feel that the PMF students and program, and the partners we have, fit this definition closely.

The many layers of stewardships demonstrated by all the partners in the PMF explains a lot. The PMF Client Committee accepts fiduciary responsibility for overseeing the management of the endowment, and also takes on a significant educational role in the process. The students avoid making many bad decisions thanks in large part to the oversight provided by the Counselors. When the students research stocks, or decide to trade the portfolio, our service providers are always there to not only provide the service, but take the time to educate the students. Add to this the efforts of summer internship supervisors, summer mentors and summer workshop providers, educating the students in a wide range of capital markets topics. Finally, the PMF Leslie Wong Fellows are always there, often in the roles described above, as well as always being sources of guidance and inspiration for the current PMF students. The PMF Supervisors are grateful, and humbled, to have so many wonderful partners accepting responsibility for the PMF and its students, year after year.

We conclude our brief comments by noting two significant milestones: (1) After providing summer workshops for the most of the 200+ PMF students over the program's history, both Ross Healy and Horst Mueller have given way to a new generation of speakers. Ross and Horst personified so many of the qualities we preach to the PMF students, as embodied by the PMF Principles, and Horst and Ross were wonderful role models, not to mention that both have carved out hugely successful capital markets careers such that few don't know who they are and what they do. We will always be grateful to Ross and Horst, as are all of the PMF alumni. (2) Mr. E. Lanny Mann passed away in June 2017; Lanny was a PMF Counselor/Mentor from the program's inception until he stepped down in 2003. Lanny, who worked at Merrill Lynch and TD Securities, counseled about 120 PMF alumni, and I'm sure each of them recalls Lanny's insights, warmth and great sense of humor. We will all miss him.

Murray Carlson Pennie George Rob Heinkel



#### **FUND MANAGERS' REPORT**

From our first day as a Junior Research Associate, to our final Investment Meeting as Fund Managers, we are given tremendous responsibility and opportunity. Throughout each class' tenure in the program, we play a role in stewarding not only the capital of the PMF endowment, but the culture and knowledge that has accrued and been passed down from previous classes. As Fund Managers, we are constantly striving to improve both the fund's returns as well as the program's culture and processes for future classes.

Sustainability is always a concern in investing. What protects returns from being eroded by competitive forces? How reliably does history predict future trajectory? How long will current themes and trends prevail? These are among the hardest questions we look to answer when making investment decisions. The fund's strategy is to invest for the long-term, and our liability is perpetual, so of course we look to the future. Our exact horizon across individual investments varies, but is always projected to be multi-year, while our tenure as Fund Managers lasts only a year.

How should we reconcile this apparent contradiction? Stewardship is our strongest reply to transience. The foundation of continuity set by our network of PMF Alumni, Counselors, and Mentors, along with the Program Supervisors protects the program's legacy, enables our learning, challenges our

thinking, and instills the program's culture in us

Everyone connected to the PMF shows us what is possible through hard work, ingenuity, and a commitment to ethics. The history and legacy handed down annually from class to class also impresses upon us how rare our opportunity is—and how essential it is to make the most of it.

One of our roles as Fund Managers is to accept the responsibility inherent in following our predecessors. We are stewards of the fund, working to select the right securities and building our reservoir of knowledge, as well as bearers of what the PMF stands for, and drivers of its evolution and improvement.

When we enter the program, the expectation is that we commit fully, by accepting the steep learning curve, and embracing our responsibility to our classmates. This quickly transitions to stewardship of the capital entrusted to us. It would be easy for us to stumble at this juncture were it not for the efforts of our classmates in the years above us. Support handed down to each new generation with the expectation that the torch will be passed again in a year's time.

Our recent work in the fund has seen us reduce our number of equity holdings, emphasizing our highest conviction ideas at more substantial weights. We think this aligns well with the PMF's focus on constructing a concentrated portfolio based on bottom-up security analysis: believing in our best ideas, and

getting rid of the rest.

Our experience in the program has been coloured by a bull-market that has taken place throughout the entirety of our short lifetime as investors. We have tried to guard against complacency by assessing cyclicality and leverage over a full business-cycle. Of course, we acknowledge, there is no substitute for experience.

The PMF is an extraordinary vehicle for change and growth. The opportunities afforded to us are humbling and the relationships formed are lasting and meaningful. Fortunate doesn't begin to express the magnitude of the opportunity we have been granted. Our debt to the Program Supervisors; Professors Heinkel and Carlson, Pennie George, the Counselors, and the PMF founders is enormous. We would also like to express our gratitude to the PMF Client Committee, LWF's, Mentors, summer internship employers, and all other parties associated with the program. Our learning has made us better analysts and investors, and our participation in the program has made us better people. As our time in the program approaches its end, we hope to continue as ambassadors for the PMF's brand, values, and culture for the duration of our professional lives.

Sincerely, PMF Class of 2018



YOUNG LEE
RESEARCH ASSOCIATE
CLASS OF 2019

**CHRIS LI**LWF '99

MACQUARIE CAPITAL MARKETS CANADA

JOBAN SANDHU
RESEARCH ASSOCIATE
CLASS OF 2019

DAVID LEE
RESEARCH ASSOCIATE
CLASS OF 2019

#### RESEARCH ASSOCIATES' REPORT

Upon being admitted into the UBC Portfolio Management Foundation, our class immediately recognized the transformative journey that lay ahead of us. The diverse learning opportunities presented by the program are truly invaluable and we are extremely fortunate to have the opportunity to learn from the Program Supervisors, our Fund Managers, alumni, and supporters of the PMF.

Shortly after our admission, Professor Heinkel and Professor Carlson conducted workshops on financial concepts and the capital markets, where we listened intently, eager to climb the steep learning curve ahead of us. In addition to the technical concepts, a strong emphasis was placed on the history and values of the program, and the importance of ethics in the capital markets. Our class quickly understood that these principles are the driving force behind the success of the PMF and its alumni. These principles will serve as a guide

for how we choose to conduct ourselves during our time in the program and throughout our careers. Having obtained the foundational knowledge and skills through the workshops and our investment meetings, we completed stock initiations and presented them to our Fund Managers in April. In May, we headed off to Toronto for our summer internships.

Our time in Toronto accelerated our development from both a teamwork and professional standpoint. Working at different firms diversified our group's perspectives and allowed us to learn from one another. The knowledge and experiences we gained from our internships and workshops thoroughly prepared us for the responsibilities we would tackle upon our return in September. In addition, our PMF Summer Mentors provided guidance and advice that was crucial to our growth. After fifteen weeks in Toronto, our class spent nine days in New York meeting various supporters of the program, which helped

us garner additional insights into the capital markets. The strength and support of the PMF network was demonstrated to us frequently throughout the summer, and we are appreciative of all the alumni and industry professionals who invested their time into our learning.

Since returning to Vancouver, we have been applying the skills and knowledge we gained over the summer as we assumed our roles as Research Associates. Our time has been spread out between reviewing our portfolio, meeting Counselors, and developing new investment ideas. Throughout this process, we remain immensely grateful to those who have carved the path before us and hope to leave a similar impact on the program for future classes. In the meantime, we will work diligently to uphold the values and legacy of the PMF.

Sincerely, PMF Class of 2019

# FINANCE IS NOT MERELY ABOUT MAKING MONEY. IT'S ABOUT ACHIEVING OUR DEEP GOALS AND PROTECTING THE FRUITS OF OUR LABOR. IT'S ABOUT STEWARDSHIP AND, THEREFORE, ABOUT ACHIEVING THE GOOD SOCIETY.

- ROBERT J. SHILLER

# JUNIOR RESEARCH ASSOCIATES' REPORT

This year the new PMF class was admitted into the program in early October, with the following six months being spent training as Junior Research Associates before assuming our responsibilities as Research Associates in April. Historically, Junior Research Associates were admitted into the program in January during their second year of university. However, with the trend of accelerated recruiting timelines, the PMF has moved up

its admissions timeline to better align with summer employers.

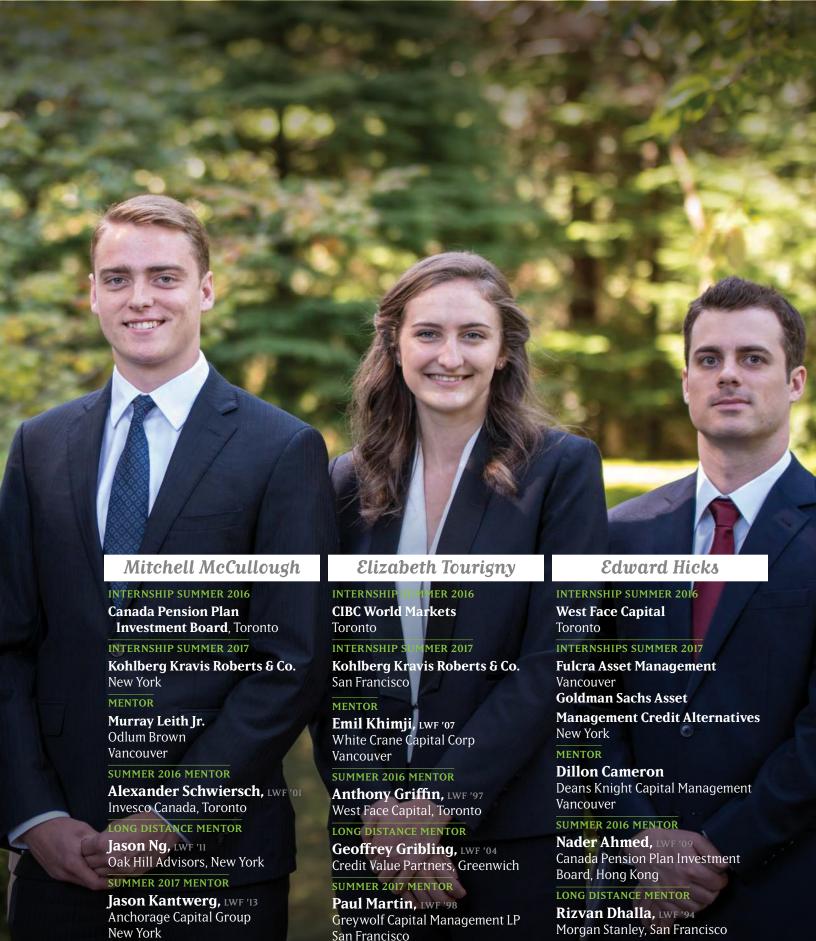
In addition to attending investment meetings, we regularly meet with the PMF Program Supervisors as well as Fund Managers, Research Associates, and Vancouver Counselors. Beyond simply learning about the basics of finance, security analysis, and the capital markets during these meetings, we also learn about the history of the PMF and its

guiding principles, professionalism, and ethics. Our training program is designed to start developing a holistic skill set that will prepare us for our second-year internships, time in the program, and careers beyond the PMF.

Sincerely, PMF Class of 2020

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SUMMER 2017 MENTOR
Matthew Russell, LWF '04

Caspian Capital Partners LP, New York









### **PMF PORTFOLIO**

Extendicare Inc.         EXE         TSE         18,950         9.95         9.33         176,804           Gamehost Inc.         GH         TSE         24,310         9.77         10,10         24,5151           Great Canadian Gaming Corp.         GC         TSE         11,560         1974         32,10         371,766           Heroux Devtek Inc.         HRX         TSE         14,440         10,16         12,97         187,287           Macro Enterprises Inc.         MRR         TSE         14,441         1,75         2,60         375,479           NAPEC Inc.         NPC         TSE         150,00         1,01         1,22         183,00           Storm Resources Ltd.         SRX         TSEV         17,478         3,88         3,54         274,272           Uni-Select Inc.         UNIS         TSE         4,00         31,21         1,76         343,656           Velan Inc.         VLN         TSE         1,935         1,731         1,76         343,656           Velan Inc.         VLN         NSD         1,80         31,03         370,32         3374,90         173,14           Uni-Select Inc.         UHAL         NASDA         370         3374,90	AS OF 3	30 SEPTEMBER 2017 • PRICES PER SHARE IN LOCAL CURR	ENCY • MARKET VALUES IN CAD	· USD/CAD XCHG	(30 SEPT) <b>1.248</b> (FRO	M BOC) • PORTFO	DLIO INFORMATION	SOURCE: RBCITS
Extendicare Inc.         EXE         TSE         18,95         9.95         9.33         176,804           Gamehost Inc.         GH         TSE         24,310         9.77         10,10         245,513           Great Canadian Gaming Corp.         GC         TSE         11,660         1974         321,00         371,766           Heroux Devtek Inc.         HRX         TSE         14,440         10,16         12.97         187,878           Macro Enterprises Inc.         MRR         TSE         14,441         1.75         26,00         375,479           NAPEC Inc.         NPC         TSE         150,00         1.01         1.22         183,00           Storm Resources Ltd.         SRX         TSE         1,400         31,21         26,06         129,40           Unit-Select Inc.         UNIS         TSE         4,000         31,21         17,07         343,65           Velan Inc.         VLN         TSE         4,000         31,21         17,07         343,65           USD         AMERCO Inc.         UHAL         NASDA         370         373,22         274,00         173,14           USD         AMERCO Inc.         UHAL         NASDA         370         <	EQUITY	,	TICKER		SHARES	BOOK PRICE		
Gamehost Inc.         GH         TSE         24,310         9.77         10.10         245,531           Great Canadian Gaming Corp.         GC         TSE         11,560         1974         32,10         371,076           Heroux Devrek Inc.         HRX         TSE         14,440         10.16         12,97         187,287           Linamar Corp.         LNR         TSE         14,441         1.75         2.60         373,797           NAPE Cinc.         NDR         TSEV         14,441         1.75         2.60         373,797           NAPE Cinc.         NDR         TSE         150,00         1.01         1.22         183,000           Storm Resources Ltd.         SRX         TSEV         77,478         3.88         3.54         274,272           Usb. Inc.         UNIN         TSE         1,930         31,32         326,70         183,68           West Jet Airlines         WJA         TSE         1,930         31,23         374,90         173,14           USD         AMRECO Inc.         UHAL         NASDAO         373         373,23         374,90         173,14           Ayalfa Coating Systems         AXTA         NYSE         1,20         112,62	CAD	Cott Corp.	ВСВ		,	\$ 18.01	\$ 18.71	,
Great Canadian Gaming Corp.         GC         TSE         11,500         19,74         32,10         371,076           Heroux Devitek Inc.         HRX         TSE         14,404         0.10         12,97         187,287           Linamar Corp.         LINR         TSE         33,50         67,37         76,14         24,59,22           Macro Enterprises Inc.         MCR         TSEV         144,415         1.75         2.60         375,479           Name Contract Inc.         NPC         TSE         144,415         1.75         2.60         375,479           Storm Resources Ltd.         SRX         TSEV         77,478         3.88         3.54         2.74,222           Unit-Select Inc.         UNIX         TSE         4,800         31,24         2.69         129,408           Vest Inc.         UNIX         TSE         5,705         75         75         151,488           Unit-Select Inc.         UNIX         TSE         5,705         73,732         374,91         173,11           Amal According Systems         AXTA         NSSDA         370         370,32         374,91         173,11           Axalta Coating Systems         AXTA         NSSDA         320								
Herroux Devtek Inc.						9.77		
Linamar Corp.         LNR         TSE         3.23         6.737         76.14         245.932           Macro Enterprises Inc.         MCR         TSEV         144.415         1.75         2.00         375.479           NAPE Cinc.         NPC         TSE         150,000         0.101         1.22         183,000           Storm Resources Ltd.         NRX         TSEV         77.478         3.88         3.54         2274,272           Uni-Select Inc.         UNIS         TSE         4.800         3.124         26.96         129.408           Velan Inc.         VLN         TSE         1.935         1.731         1.777         343.656           Westjet Airlines         WJA         TSE         1.935         1.731         1.776         343.656           Westjet Airlines         WJA         TSE         1.930         1.731         1.461.0         218.798           USD         AMERCO Inc.         UHAL         NASDAO         370         370.32         374.90         173.11           ASABIA Coating Systems         AXXI         NYSE         1,000         31.12         26.01         21.12           Blue Bird Corp.         BLBD         NASDAO         9.80         1.12 <td></td> <td></td> <td></td> <td></td> <td></td> <td>32.10</td> <td></td>							32.10	
Macro Enterprises Inc.         MCR         TSE-V         144.415         1.75         2.60         375.479           NAPEC Inc.         NPC         TSE         150,000         1.01         1.22         183,000           Storm Resources Ltd.         SRX         TSE-V         77,478         3.88         124         247,272           Uni-Select Inc.         UNIN         TSE         19,30         11.31         1776         343,656           West Jet Airlines         WJA         TSE         5,715         25.27         151,848           USD         AMERCO Inc.         UHAL         NASDAQ         370         370.32         374.90         151,8148           USD         AMERCO Inc.         UHAL         NASDAQ         370         370.32         374.90         151,8148           USD         AMERCO Inc.         UBAD         NYSE         1,200         112.67         146.10         218,999           AASTA         NYSE         8,900         12.83         20.00         221,946           Continental Building Products Inc.         CPBX         NYSE         8,900         18.13         20.00         235,572           Lamb Weston Holding Inc.         LDR         NASDAQ         10.00								
NAPEC Inc.   NAPEC   TSE   150,000   1.01   1.22   183,000								
Storm Resources Ltd.		•						
Uni-Select Inc.         UNS         TSE         4,800         31.24         26.96         129,408           Velan Inc.         UN         TSE         19,350         17.31         17.67         343,656           West Jet Airlines         WJA         TSE         5,715         25.27         25.67         15,1848           USD         AMECO Inc.         UHAL         NASDAO         370         370.32         374.90         173,141           Aon plc         AON         NYSE         1,200         112.67         146.10         28,799           Blue Brd Corp.         Blue Brd Corp.         Blue Brd Corp.         181.00         NSDAO         3,230         66.35         26.53         26.53         276,247           Lamar Advertising Co.         LAMR         NASDAO         3,230         66.35         66.53         276,247           Lamb Weston Holding Inc.         LW         NYSE         5,900         42.81         46.89         345,260           McKesson Corp.         MCK         NYSE         1,000         24.97         28.65         360,70           Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176,823           Townsquare Me					,			
Velan Inc.         VIN         TSE         19,350         17.31         17.76         343,656           Westjet Airlines         MJA         TSE         5,715         25.27         26.57         151,848           USD         AMERCO Inc.         UHAL         NASDAO         370         370.32         374,90         173,11           Ano ple         AON         NYSE         8,900         31,29         28.92         321,220           Blue Bird Corp.         BluBD         NASDAO         9800         17.83         20.60         235,722           Lamar Advertising Co.         LAMR         NASDAO         9800         17.81         46.89         345,260           Mckesson Corp.         MCK         NYSE         7,260         15.17         260         345,260           PRA Group Inc.         PRAA         NASDAO         3,230         66.35         68.53         276,247           Realogy Holdings Corp.         MCK         NYSE         1,700         31399         153.61         328,999           PRA Group Inc.         PRAA         NASDAO         1,80         29.79         28.65         36,770           Realogy Holdings Corp.         RICY         NYSE         3,955         3								
Westjet Airlines         WJA         TSE         5,715         25,27         26,57         151,848           USD         AMERCO Inc.         UHAL         NASDAO         370         370,32         374,90         173,114           A con plc         AON         NYSE         1,200         112,67         14610         218,799           Axata Coating Systems         AXTA         NYSE         1,200         112,67         14610         2218,796           Blue Bird Corp.         BLBD         NASDAO         9,800         17,83         20.00         251,946           Continental Building Products Inc.         CPBX         NYSE         7,60         15,17         26,00         251,946           Lamb Weston Holding Inc.         LAMR         NASDAO         3,23         66,35         68,53         325,829           Mckesson Corp.         MCK         NYSE         1,700         337,99         153,61         325,899           PRA Group Inc.         PRAA         NASDAO         10,00         29.79         28,65         360,770           Realogy Holdings Corp.         RLG         NYSE         4,300         24,27         23,95         176,828           Service Master Global Holdings Inc.         SERV		Uni-Select Inc.			4,800			
USD         AMERCO Inc.         UHAL         NASDAO         370         370.32         374.90         173.14           Aon plc         AON         NYSE         1.200         112.67         146.10         218.799           Axalta Coating Systems         AXTA         NYSE         8.900         31.29         28.92         231.292           Blue Bird Corp.         BluB D         NASDAO         9.800         17.83         20.60         235.572           Lamar Advertising Co.         LAMR         NASDAO         3.23         66.35         68.53         276.247           Lamb Weston Holding Inc.         LW         NYSE         5.900         42.81         46.89         345.269           Mckesson Corp.         MCK         NYSE         1.700         137.99         153.61         325.899           PRA Group Inc.         PRAA         NASDAO         10.09         29.79         28.65         360.770           Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176.823           ServiceMaster Global Holdings Inc.         SERV         NYSE         3.955         38.49         46.73         230.652           Townsquare Media Inc.         TSC <t< td=""><td></td><td>Velan Inc.</td><td></td><td></td><td>19,350</td><td></td><td></td><td>,</td></t<>		Velan Inc.			19,350			,
Aon plc         AON         NYSE         1,200         112.67         146.10         218.99           Axalta Coating Systems         AXTA         NYSE         8,900         31.29         28.92         321,220           Blue Bird Corp.         BluB D         NASDAQ         9,800         17.83         20.00         231,976           Continental Building Products Inc.         CPBX         NYSE         7,260         15.17         26.00         235,772           Lamar Advertising Co         LAMR         NASDAQ         3,230         66.35         267,272           Lamb Weston Holding Inc.         IW         NYSE         5,900         42.81         46.89         345,260           Mckesson Corp.         MCK         NYSE         1,700         137.99         153.61         325,899           PRA Group Inc.         PRAA         NASDAQ         1,000         29.79         28.65         360,770           Realogy Holdings Corp.         RIGY         NYSE         4,300         24.27         32.95         176,823           ServiceMaster Global Holdings Inc.         SERV         NYSE         3,950         38.49         46.73         320,62           ServiceMaster Global Holdings Inc.         SERV         NYSE		WestJet Airlines					26.57	
Axalta Coating Systems         AXTA         NYSE         8,900         31.29         28.92         321,220           Blue Bird Corp.         BLBD         NASDAO         9,800         17.83         20.60         251,946           Continental Building Products Inc.         CPBX         NYSE         7,260         15.17         20.00         235,572           Lamar Advertising Co.         LAMR         NASDAO         3,230         66.35         66.85         276,247           Lamb Weston Holding Inc.         IW         NYSE         5,900         42.81         46.69         345,260           Mckesson Corp.         MCK         NYSE         1,700         137.99         153.61         325,899           PRA Group Inc.         PRAA         NASDAO         10,090         29.79         28.65         360,770           Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176,822           ServiceMaster Global Holdings Inc.         TSC         NYSE         3,395         38.49         46.73         230,76           Townsquare Media Inc.         TSC         NYSE         13,10         9.25         10.00         163,488           Vanguard Index FDS S&P 500 ETF         W	USD	AMERCO Inc.		NASDAQ		370.32	374.90	
Blue Bird Corp.         BLBD         NASDAQ         9,800         17.83         20.60         251,946           Continental Building Products Inc.         CPBX         NYSE         7,260         15.17         26.00         235,752           Lamar Advertising Co.         LAMR         NASDAQ         3,230         66.35         68.53         276,247           Lamb Weston Holding Inc.         LW         NYSE         5,900         42.81         46.89         345,260           Mckesson Corp.         MCK         NYSE         1,000         337.99         153.61         325,890           PRA Group Inc.         PRAA         NASDAQ         10,090         29.79         28.65         360,770           Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176,823           ServiceMaster Global Holdings Inc.         SERV         NYSE         13,100         9.25         10.00         163,488           Vanguard Index FDS SSP 500 ETF         VO         ARCA         11,810         22.84         23.00         33.21           FIXED         MATURITY         COUPON         FACE VALUE         MARKET PALUE         MARKET PALUE           FIXED         MATURITY         COUPON<		·						
Continental Building Products Inc.         CPBX         NYSE         7,260         15.17         26.00         235,572           Lamar Advertising Co.         LAMR         NASDAQ         3,230         66.35         68.53         276,247           Lamb Weston Holding Inc.         LW         NYSE         5,900         42.81         46.89         345,260           Mckesson Corp.         MCK         NYSE         1,700         137.99         153.61         325,899           PRA Group Inc.         PRAA         NASDAQ         10,009         22.97         28.65         360,770           Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176,823           ServiceMaster Global Holdings Inc.         SERV         NYSE         3,955         38.49         46.73         230,652           Townsquare Media Inc.         TSQ         NYSE         3,955         38.49         46.73         230,652           Townsquare Media Inc.         TSQ         NYSE         3,955         38.49         46.73         230,652           Accrued Income         TSC         NYSE         1,180         22.84         230.76         339,826           EMILIA TOWN         MATTINITY								
Lamar Advertising Co.         LAMR         NASDAQ         3,230         66.35         68.53         276,247           Lamb Weston Holding Inc.         LW         NYSE         5,900         42.81         46.89         345,260           Mckesson Corp.         MCK         NYSE         1,700         137.99         153.61         325,899           PRA Group Inc.         PRAA         NASDAQ         10,000         29.79         28.65         360,770           Realogy Holdings Corp.         RLGY         NYSE         4,300         29.79         28.65         360,770           ServiceMaster Global Holdings Inc.         SERV         NYSE         4,300         9.25         10.00         163,488           Vanguard Index FDS S&P500 ETF         VOO         ARCA         1,180         22.84         23.07         339,826           Accrued Income         ***********************************		*						
Lamb Weston Holding Inc.         LW         NYSE         5,900         42.81         46.89         345,269           McKesson Corp.         MCK         NYSE         1,700         137.99         153.61         325,899           PRA Group Inc.         PRAA         NASDAQ         10,090         29.79         28.65         360,770           Realogy Holdings Corp.         RLIGY         NYSE         4,300         24.27         32.95         176,823           ServiceMaster Global Holdings Inc.         SERV         NYSE         3,955         38.49         46.73         230,652           Townsquare Media Inc.         TSQ         NYSE         13,100         9.25         10.00         163,488           Vanguard Index FDS S&P 500 ETF         YOO         ARCA         1,180         28.84         230.76         339,826           Accrued Income         TSG         NYSE         1,300         9.25         10.00         163,488           Vanguard Index FDS S&P 500 ETF         YOO         ARCA         1,180         9.28         230.76         339,826           POTH         TWING         MATURITY         COUPON         FACE VALUE         800K PRIC         MAKET PRIC         MAKET PRIC         MAKET PRIC         MAKET PRIC<		Ž .						
Mckesson Corp.         MCK         NYSE         1,700         137.99         153.61         325,899           PRA Group Inc.         PRAA         NASDAQ         10,090         29.79         28.65         360,770           Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176,823           ServiceMaster Global Holdings Inc.         SERV         NYSE         3,955         38.49         46.73         230,652           Townsquare Media Inc.         TSQ         NYSE         13,100         9.25         10.00         163,488           Vanguard Index FDS S&P 500 ETF         VOO         ARCA         1,180         228.84         230.76         339,826           Accrued Income         TSQ         NYSE         13,100         9.25         10.00         163,488           Vanguard Index FDS S&P 500 ETF         VOO         ARCA         1,180         228.84         230.76         339,826           Accrued Income         MATURITY         COUPON         FACE VALUE         MORD FRICE         MARKET PRICE PRI								
PRA Group Inc.         PRAA RLGY         NASDAQ NYSE         10,090         29,79         28,65         360,770           Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176,823           ServiceMaster Global Holdings Inc.         SERV         NYSE         3,955         38.49         46.73         230,652           Townsquare Media Inc.         TSQ         NYSE         13,100         9.25         10.00         163,488           Vanguard Index FDS S&P 500 EFF         VOO         ARCA         1,180         228.84         230.76         339,826           Accrued Income         TSQ         NYSE         13,100         9.25         10.00         163,488           Accrued Income         TSQ         NYSE         1,180         228.84         230.76         339,826           EXECUTION         TSQ         ARCA         1,180         228.84         230.76         339,826           EXECUTION         ARCA         1,180         28.84         230.76         339,826           EXECUTION         ARCA         1,080         814.02         \$10.27         \$16,635           EXECUTION         ARCA         1,080		Lamb Weston Holding Inc.	LW	NYSE	5,900	42.81	46.89	345,260
Realogy Holdings Corp.         RLGY         NYSE         4,300         24.27         32.95         176,823           ServiceMaster Global Holdings Inc.         SERV         NYSE         3.955         38.49         46.73         230,652           Townsquare Media Inc.         TSQ         NYSE         13,100         9.25         10.00         163,488           Vanguard Index FDS S&P 500 ETF         VOO         ARCA         1,180         228.84         230.76         339,826           Accrued Income         TSC         TSC         TSC         1,180         228.84         230.76         339,826           EQUITY         TSC         TSC         TSC         4,000         \$10.00         \$114.02         \$10.77         \$66,907         \$114.02         \$10.72         \$61,635 <td< td=""><td></td><td>Mckesson Corp.</td><td>MCK</td><td>NYSE</td><td>1,700</td><td>137.99</td><td>153.61</td><td>325,899</td></td<>		Mckesson Corp.	MCK	NYSE	1,700	137.99	153.61	325,899
ServiceMaster Global Holdings Inc.   SERV   NYSE   3,955   38.49   46.73   230,652     Townsquare Media Inc.   TSQ   NYSE   13,100   9.25   10.00   163,488     Vanguard Index FDS S&P 500 ETF   VOO   ARCA   1,180   228.84   230.76   339,826     Accrued Income   SACTURE   SAC		PRA Group Inc.	PRAA	NASDAQ	10,090	29.79	28.65	360,770
Townsquare Media Inc.         TSQ         NYSE         13,100         9.25         10.00         163,488           Vanguard Index FDS S&P 500 ETF         VOO         ARCA         1,180         228.84         230.76         339,826           Accrued Income         3,321           EQUITY         *** 6,369,171           FIXED INCOME         MATURITY         COUPON         FACE VALUE         BOOK PRICE         MARKET PRICE         MARKET VALUE           CA         Province of Ontario         2-Jun-2018         5.500%         60,000         \$114.02         \$102.72         \$61,635           Province of British Columbia          18-Dec-2018         4.650%         50,000         112.20         103.72         \$1,858           Province of Ontario         8-Sep-2019         2.100%         140,000         102.69         100.79         141,104           Province of Alberta         1-Dec-2019         4.000%         100,000         108.34         104.75         104,752           Bell Canada         12-Jun-2020         3.540%         50,000         105.44         103.17         51,586           PSP Capital Inc.         22-Oct-2020         3.030%         80,000		Realogy Holdings Corp.	RLGY	NYSE	4,300	24.27	32.95	176,823
Vanguard Index FDS S&P 500 ETF         VOO         ARCA         1,180         228.84         230.76         339.82 cm           Accrued Income         3,321           EQUITY         Sep 50,977           FIXED INCOME         MATURITY         COUPON         FACE VALUE         BOK PRICE         MARKET PRICE <t< td=""><td></td><td>ServiceMaster Global Holdings Inc.</td><td>SERV</td><td>NYSE</td><td>3,955</td><td>38.49</td><td>46.73</td><td>230,652</td></t<>		ServiceMaster Global Holdings Inc.	SERV	NYSE	3,955	38.49	46.73	230,652
Accrued Income         3,321           EQUITY         COUPON         FACE VALUE         BOOK PRICE         MARKET PRICE         MARKET VALUE           FIXED INCOME         MATURITY         COUPON         FACE VALUE         BOOK PRICE         MARKET PRICE         MARKET PRICE         MARKET VALUE           COUPON         FACE VALUE         BOOK PRICE         MARKET PRICE         MARKET VALUE           COUPON         FACE VALUE         BOOK PRICE         MARKET PRICE         MARKET VALUE           Province of Ontario         8-5ep-2018         4.650%         50,000         112.20         101.25         101.47         104.752           BEIL Canada         12-Jun-2020         3.340%         80,000         103.68         102.57         102.573           Bank of Montreal         23-Mar-2021         3.400%         80,000         101.33         98.09         147,139           <		Townsquare Media Inc.	TSQ	NYSE	13,100	9.25	10.00	163,488
EQUITY         COUPON         FACE VALUE         BOOK PRICE         MARKET PRICE         MARKET VALUE           CA         Province of Ontario         2-Jun-2018         5.500%         60,000         \$ 114.02         \$ 102.72         \$ 61,635           Province of British Columbia         18-Dec-2018         4.650%         50,000         112.20         103.72         51,858           Province of Ontario         8-Sep-2019         2.100%         140,000         102.69         100.79         141,104           Province of Alberta         1-Dec-2019         4.000%         100,000         108.34         104.75         104,752           Bell Canada         12-Jun-2020         3.540%         50,000         105.44         103.17         51,586           PSP Capital Inc.         22-Oct-2020         3.030%         80,000         108.80         103.26         82,610           J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000 <th< td=""><td></td><td>Vanguard Index FDS S&amp;P 500 ETF</td><td>VOO</td><td>ARCA</td><td>1,180</td><td>228.84</td><td>230.76</td><td>339,826</td></th<>		Vanguard Index FDS S&P 500 ETF	VOO	ARCA	1,180	228.84	230.76	339,826
Province of Ontario   B-Dec-2018   4.650%   50,000   112.20   103.72   51,858		Accrued Income						3,321
CA         Province of Ontario         2-Jun-2018         5.500%         60,000         \$114.02         \$102.72         \$61,635           Province of British Columbia         18-Dec-2018         4.650%         50,000         112.20         103.72         51,858           Province of Ontario         8-Sep-2019         2.100%         140,000         102.69         100.79         141,104           Province of Alberta         1-Dec-2019         4.000%         100,000         108.34         104.75         104,752           Bell Canada         12-Jun-2020         3.540%         50,000         105.44         103.17         51,586           PSP Capital Inc.         22-Oct-2020         3.030%         80,000         108.80         103.26         82,610           J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         102,573           Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147	EQUI	TY						\$ 6,369,171
Province of British Columbia         18-Dec-2018         4.650%         50,000         112.20         103.72         51,858           Province of Ontario         8-Sep-2019         2.100%         140,000         102.69         100.79         141,104           Province of Alberta         1-Dec-2019         4.000%         100,000         108.34         104.75         104,752           Bell Canada         12-Jun-2020         3.540%         50,000         105.44         103.17         51,586           PSP Capital Inc.         22-Oct-2020         3.030%         80,000         108.80         103.26         82,610           J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         102,573           Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121	FIXED I	NCOME	MATURITY	COUPON	FACE VALUE	BOOK PRICE	MARKET PRICE	MARKET VALUE
Province of Ontario         8-Sep-2019         2.100%         140,000         102.69         100.79         141,104           Province of Alberta         1-Dec-2019         4.000%         100,000         108.34         104.75         104,752           Bell Canada         12-Jun-2020         3.540%         50,000         105.44         103.17         51,586           PSP Capital Inc.         22-Oct-2020         3.030%         80,000         108.80         103.26         82,610           J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         102,573           Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279	CA	Province of Ontario	2-Jun-2018	5.500%	60,000	\$ 114.02	\$ 102.72	\$ 61,635
Province of Alberta         1-Dec-2019         4.000%         100,000         108.34         104.75         104,752           Bell Canada         12-Jun-2020         3.540%         50,000         105.44         103.17         51,586           PSP Capital Inc.         22-Oct-2020         3.030%         80,000         108.80         103.26         82,610           J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         102,573           Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279           Bank of Montreal         8-Dec-2025         3.340%         140,000         101.63         101.82         142,543 <tr< td=""><td></td><td>Province of British Columbia</td><td>18-Dec-2018</td><td>4.650%</td><td>50,000</td><td>112.20</td><td>103.72</td><td>51,858</td></tr<>		Province of British Columbia	18-Dec-2018	4.650%	50,000	112.20	103.72	51,858
Bell Canada         12-Jun-2020         3.540%         50,000         105.44         103.17         51,586           PSP Capital Inc.         22-Oct-2020         3.030%         80,000         108.80         103.26         82,610           J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         102,573           Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279           Bank of Montreal         8-Dec-2025         3.340%         140,000         101.63         101.82         142,543           Province of Quebec         1-Apr-2026         8.500%         80,000         151.17         143.04         114,433		Province of Ontario	8-Sep-2019	2.100%	140,000	102.69	100.79	141,104
PSP Capital Inc.         22-Oct-2020         3.030%         80,000         108.80         103.26         82,610           J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         102,573           Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279           Bank of Montreal         8-Dec-2025         3.340%         140,000         101.63         101.82         142,543           Province of Quebec         1-Apr-2026         8.500%         80,000         151.17         143.04         114,433           Royal Bank of Canada         29-Sep-2026         3.450%         45,000         102.25         102.01         45,903		Province of Alberta	1-Dec-2019	4.000%	100,000	108.34	104.75	104,752
J.P Morgan         5-Mar-2021         3.190%         100,000         103.63         102.57         102,573           Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279           Bank of Montreal         8-Dec-2025         3.340%         140,000         101.63         101.82         142,543           Province of Quebec         1-Apr-2026         8.500%         80,000         151.17         143.04         114,433           Royal Bank of Canada         29-Sep-2026         3.450%         45,000         102.25         102.01         45,903		Bell Canada	12-Jun-2020	3.540%	50,000	105.44	103.17	51,586
Rogers Communications         22-Mar-2021         5.340%         80,000         105.85         109.57         87,652           Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279           Bank of Montreal         8-Dec-2025         3.340%         140,000         101.63         101.82         142,543           Province of Quebec         1-Apr-2026         8.500%         80,000         151.17         143.04         114,433           Royal Bank of Canada         29-Sep-2026         3.450%         45,000         102.25         102.01         45,903		PSP Capital Inc.	22-Oct-2020	3.030%	80,000	108.80	103.26	82,610
Bank of Montreal         23-Apr-2021         3.400%         45,000         107.01         103.74         46,685           Royal Bank of Canada         2-Mar-2022         1.968%         150,000         101.33         98.09         147,139           Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279           Bank of Montreal         8-Dec-2025         3.340%         140,000         101.63         101.82         142,543           Province of Quebec         1-Apr-2026         8.500%         80,000         151.17         143.04         114,433           Royal Bank of Canada         29-Sep-2026         3.450%         45,000         102.25         102.01         45,903		J.P Morgan	5-Mar-2021	3.190%	100,000	103.63	102.57	102,573
Royal Bank of Canada       2-Mar-2022       1.968%       150,000       101.33       98.09       147,139         Toronto Dominion Bank       18-Jul-2023       1.909%       50,000       98.55       96.24       48,121         Shaw Communications Inc.       31-Jan-2024       4.350%       100,000       108.20       106.28       106,279         Bank of Montreal       8-Dec-2025       3.340%       140,000       101.63       101.82       142,543         Province of Quebec       1-Apr-2026       8.500%       80,000       151.17       143.04       114,433         Royal Bank of Canada       29-Sep-2026       3.450%       45,000       102.25       102.01       45,903		Rogers Communications	22-Mar-2021	5.340%	80,000	105.85	109.57	87,652
Toronto Dominion Bank         18-Jul-2023         1.909%         50,000         98.55         96.24         48,121           Shaw Communications Inc.         31-Jan-2024         4.350%         100,000         108.20         106.28         106,279           Bank of Montreal         8-Dec-2025         3.340%         140,000         101.63         101.82         142,543           Province of Quebec         1-Apr-2026         8.500%         80,000         151.17         143.04         114,433           Royal Bank of Canada         29-Sep-2026         3.450%         45,000         102.25         102.01         45,903		Bank of Montreal	23-Apr-2021	3.400%	45,000		103.74	46,685
Shaw Communications Inc.       31-Jan-2024       4.350%       100,000       108.20       106.28       106,279         Bank of Montreal       8-Dec-2025       3.340%       140,000       101.63       101.82       142,543         Province of Quebec       1-Apr-2026       8.500%       80,000       151.17       143.04       114,433         Royal Bank of Canada       29-Sep-2026       3.450%       45,000       102.25       102.01       45,903		Royal Bank of Canada	2-Mar-2022	1.968%	150,000	101.33	98.09	147,139
Bank of Montreal       8-Dec-2025       3.340%       140,000       101.63       101.82       142,543         Province of Quebec       1-Apr-2026       8.500%       80,000       151.17       143.04       114,433         Royal Bank of Canada       29-Sep-2026       3.450%       45,000       102.25       102.01       45,903		Toronto Dominion Bank	18-Jul-2023	1.909%	50,000	98.55	96.24	48,121
Province of Quebec         1-Apr-2026         8.500%         80,000         151.17         143.04         114,433           Royal Bank of Canada         29-Sep-2026         3.450%         45,000         102.25         102.01         45,903		Shaw Communications Inc.	31-Jan-2024	4.350%	100,000	108.20	106.28	106,279
Royal Bank of Canada 29-Sep-2026 3.450% 45,000 102.25 102.01 45,903		Bank of Montreal	8-Dec-2025	3.340%	140,000	101.63	101.82	142,543
		Province of Quebec	1-Apr-2026	8.500%	80,000	151.17	143.04	114,433
Province of Ontario 2-Jun-2027 7.600% 30,000 144.78 140.88 42,263		Royal Bank of Canada	29-Sep-2026	3.450%	45,000	102.25	102.01	45,903
·		Province of Ontario	2-Jun-2027	7.600%	30,000	144.78	140.88	42,263

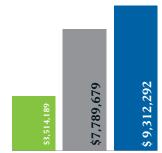
FIXED INCOME		MATURITY	COUPON	FACE VALUE	BOOK PRICE	MARKET PRICE	MARKET VALUE	
	Toronto Dominion Bank	4-Mar-2031	4.859%	215,000	\$ 110.45	\$ 109.24	\$ 234,873	
	Bell Canada	2-Apr-2031	7.850%	100,000	143.85	137.46	137,458	
	Brookfield Asset Management Inc.	14-Jun-2035	5.950%	50,000	108.72	114.11	57,057	
	Greater Toronto Airports Authority	25-Feb-2041	5.300%	68,000	125.84	131.44	89,376	
	407 International Inc.	25-Apr-2042	4.190%	110,000	99.43	106.09	116,696	
	Province of British Columbia	18-Jun-2042	4.300%	140,000	119.39	118.17	165,440	
	Province of Quebec	1-Dec-2043	4.250%	100,000	117.23	116.76	116,762	
	Province of Alberta	1-Dec-2046	3.300%	100,000	101.60	98.87	98,867	
USD	Cincinnati Bell Inc.	15-Jun-2023	7.250%	90,000	103.73	101.65	114,174	
	Accrued Income						26,773	
FIXED INCOME \$ 2,534,611								
CASH \$408,510								
TOTAL PORTFOLIO \$9,312,292								



PORTFOLIO DISTRIBUTION



**CANADIAN VS US HOLDINGS** 



**TOTAL FUND VALUE 2006 VS 2016 AND 2017** 

#### Lamb Weston Holdings

Lamb Weston Holdings is a global producer and supplier of value-added frozen potato, sweet potato, vegetable, and appetizer products; currently servicing 100 countries. We entered our position in April 2017, at a time when industry capacity was well below demand. We were attracted to Lamb Weston's strong growth prospects and leading market position in both core and international markets. We gained

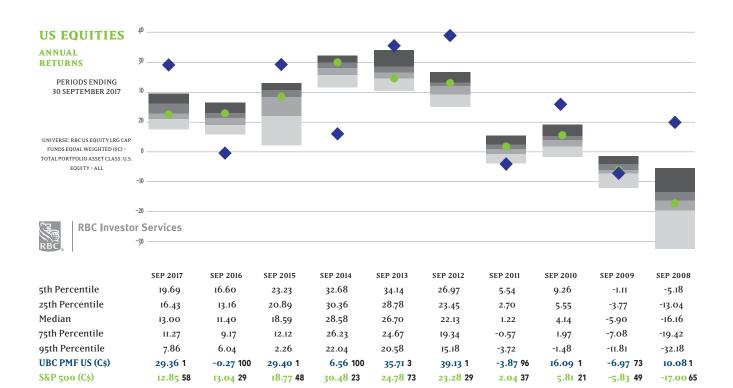
comfort in Lamb Weston's pricing power and growth prospects by conducting a top down view of the industry and analyzing future capacity expansion projects. We continue to hold Lamb Weston because we believe the company is well positioned to profit from industry demand tailwinds and experience margin expansion as the industry shifts towards premium products.

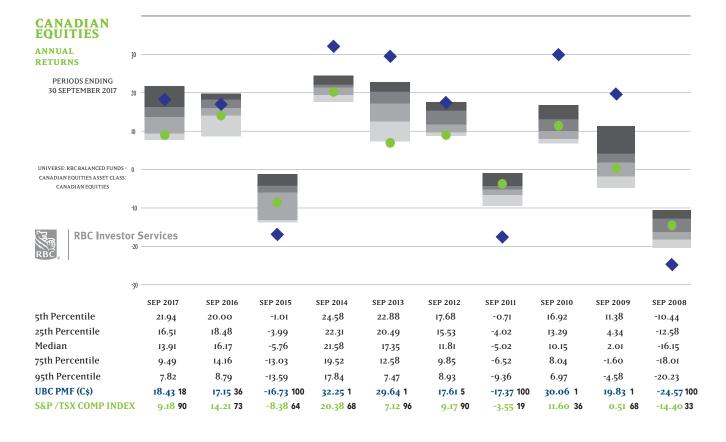
#### Comtech Telecommunications

**Comtech Telecommunications** is a global ground-based satellite equipment and communications equipment supplier. We entered our position in January 2017 after several consecutive earnings misses and a transformative acquisition led to a 75% decline in the company's share price. When we entered our position, we thought that the decline of legacy segments that provide undifferentiated services was overshadowing the growth opportunities in several niche areas in which the company had significant market share. A couple notable growth opportunities for the company included the roll-out of Next-Generation 911

infrastructure across the US, and a large replacement cycle in troposcatter technology for military communication. We forecasted that these opportunities would create an inflection point in the growth profile of the business, and felt that a mid-teens free cash flow yield offered an attractive entry point. In the three quarters following our purchase, we saw the fundamentals begin to improve and a focus from management on these high growth areas. This led to improved market sentiment in the form of a multiples re-rating, and we ultimately sold our position in September 2017.

2018 Annual Report





#### TOTAL FUND

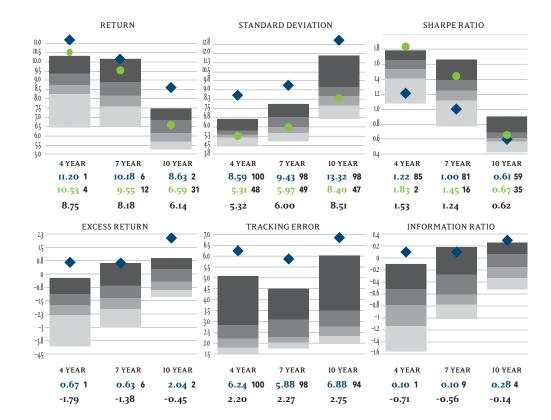
FUND STATISTICS

> AS OF 30 SEPTEMBER 2017

PMF TOTAL FUND
CUSTOM BENCHMARK
MEDIAN



PMF TOTAL FUND MEDIAN



#### TOTAL BONDS

FUND STATISTICS

> AS OF 30 SEPTEMBER 2017

# PMF TOTAL BONDS FTSE TMX CA UNIVERSE

MEDIAN



# PMF TOTAL BONDS MEDIAN

RETURN STANDARD DEVIATION SHARPE RATIO 5.8 I.3 \_ 5.5 4.0 5.3 3.8-5.0 4.8 34-4-5 4-3 4-0 3-8 3-5 3-3 3-0 3.2 1.0 3.0 -0.9 2.8 2.6 -2.4 -10 YEAR 4 YEAR 7 YEAR 4 YEAR 7 YEAR 10 YEAR 4 YEAR 7 YEAR 10 YEAR 5.86 **2** 4.24 94 4.84 2 3.54 37 1.089 1.36 4 3.79 85 I.II 9 5.33 1 3.66 71 3.86 74 3.78 81 o.76 91 3.62 83 3.68 74 I.O2 93 4.74 85 0.79 89 3.95 5.06 3.78 I.I2 3.94 3.55 3.61 0.90 0.91 INFORMATION RATIO EXCESS RETURN TRACKING ERROR 1.8 2.6 1.6 2.4 2.2 2.3 -2.0 -1.8 -1.5 -1.3 -1.0 -0.8 -0.5 -0.3 -1.4 1.2 2.0 -1.8 -1.6 -1.4 -1.2 -1.0 -0.8 -0.6 -0.8 -0.4 0.2 0 -0.2 -0.3 -0.4 4 YEAR 7 YEAR 10 YEAR 4 YEAR 7 YEAR 10 YEAR 4 YEAR 7 YEAR 10 YEAR 1.67 1 I.22 2 I.I2 2 o.86 81 0.90 77 I.88 11 1.31 5 0.80 5 1.34 64 0.28 0.32 0.58 1.08 0.44 0.25 0.33 0.41 0.45



MANAGEMENT LTD. • DAVID LEE, RESEARCH ASSOCIATE, CLASS OF 2019

As the asset management industry matures, the role of the money manager has transcended beyond providing above average alpha and good customer service. At the centre of this new role is a renewed focus on the stewardship of a client's assets and utility. This begins by spending more time with clients to better understand their needs. PMF Co-Founder Milt Wong understood this well, he always stressed the importance of the manager/client connection.

A money manager must be a good listener in order to be able to effectively understand, collaborate and engage clients to create customized solutions that meet their needs. This has become ever more complex because of the pace of financial innovation and changing societal values. Today, a manager can be required to educate a client, utilize other investment managers and include values-based processes to solve a client's problem. The final result must be an industry-competitive solution that meets the client's specific needs and values at an effective cost. Good stewardship creates trust and goodwill because the client perceives that the manager has added value by putting their interests first."

— Wayne Wachell PMF Counselor GENUS Capital Management Inc.

#### COUNSELORS

PMF Counselors are the primary source of professional and ethical education for the students. The PMF Supervisors view the Counselors not only as great educators and role models, but as the stewards of our students' professional, and personal, growth. We could not be more proud of the Counselors involvement in the PMF.

Not only are the Counselors stewards for the students, they also help guide the PMF program. Thus, the Counselors' stewardship reaches beyond the students to the PMF organization itself.

Ms. Christina Anthony, LWF '97 Odlum Brown Ltd.

Mr. Mark Bridges
Connor, Clark & Lunn Investment
Management Ltd.

Mr. Dillon Cameron
Deans Knight Capital Mgmt 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
Lewin Capital Management Ltd.

Mr. Ryan Males
CIBC World Markets

Ms. Tracey McVicar, LWF '90 CAI Capital Management Co.

Mr. Jay Menning RBC Phillips, Hager & North Ltd. Mr. John P. Novak

Connor, Clark & Lunn Investment
Management Ltd.

Mr. Scott Powell
MDA Training

Mr. John Thiessen
Vertex One Asset Management Inc.

Mr. David Tims
RBC Capital Markets

Mr. Wayne Wachell GENUS Capital Management Inc.

#### PMF MENTOR PROGRAM

Each PMF student selects, when returning from their junior internship in Toronto, a PMF Counselor to be their Mentor from then until graduation, and beyond. The role of the Mentor is to become a trusted friend and advisor, to the great benefit of their PMF student-mentees. The current Mentor-Mentee matchups are:

Mr. Dillon Cameron – Edward Hicks

Mr. Wayne Deans – Young Lee

Mr. David George – Allison Cheng

Mr. Emil Khimji – Elizabeth Tourigny

Mr. Murray Leith – Mitchell McCullough

Mr. Daniel Lewin – Josh Dogor

Mr. Ryan Males – Eileen Li

Ms. Tracey McVicar - Carol Lee

Mr. John Novak – Joban Sandhu

Mr. Scott Powell – Andrew Hall

Mr. John Thiessen – Jaap Dassan

Mr. David Tims - David Lee

# COUNSELOR PROFILE: RYAN MALES



Ryan Males is an equity salesperson and Head of CIBC's Global Markets team in Vancouver. He joined CIBC in 2010 from Macquarie Capital Markets Canada.

Ryan grew up in New Liskeard, Ontario, graduated from the University of Western Ontario, earned a PhD in Chemistry from the University of British Columbia then completed a postdoctoral fellowship at the University of California San Francisco. After working in business development, marketing and investor relations with a few start-up medical technology companies, he became a CFA charterholder before entering the financial services industry as a healthcare analyst with Salman Partners.

Ryan lives in north Burnaby with his wife, Laura, and son, Nolan.

mentor in the PMF program gives me the opportunity to encourage students to embrace their individuality, to be creative in their thinking, and to try to view investing through the eyes of the various participants in the marketplace.

Mentorship comes in various forms. Some of the most important lessons I have learn-

ed have not come from formal mentor/mentee relationships, but by simply listening to people I respect and advancing my knowledge by absorbing theirs. I have many mentors, most of whom are unaware of the important role they play.

The PMF program expects that students put the goals of their team and organization ahead of themselves. For those who pursue careers on the sell-side, this is a critical attribute for success...to earn trust by putting the client's best interest first. The investing public trusts our clients to be stewards of their capital and I view that responsibility as extending to those of us who provide advice to those investment managers.

My experience is that the PMF students have voracious appetites for knowledge, which bodes well for their futures. I'm honoured to have a role in sharing with them what I have learned from so many others."



DANIEL LEWIN, LWF '93, PMF COUNSELOR & MENTOR, LEWIN CAPITAL MANAGEMENT LTD. • BRAEDEN ELSAESSER, LWF' 17, OAK HILL ADVISORS MICHAEL RYAN, PMF CO-FOUNDER



DAVID GEORGE, LWF '97

PMF COUNSELOR & MENTOR

CONNOR, CLARK AND LUNN INVESTMENT

MANAGEMENT LTD.



JOHN THIESSEN

PMF COUNSELOR & MENTOR
VERTEX ONE ASSET MANAGEMENT



JAY MENNING, PMF COUNSELOR & MENTOR, RBC PHILLIPS, HAGER & NORTH LTD. • JOHN NOVAK, PMF COUNSELOR & MENTOR, CONNOR, CLARK, AND LUNN INVESTMENT MANAGEMENT LTD. • MURRAY CARLSON, PMF SUPERVISOR, UBC SAUDER SCHOOL OF BUSINESS

#### **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 members of the Client Committee are most certainly stewards of the \$9 million endowment, and they take this fiduciary role quite seriously. At least as importantly, each Client Committee member is also a steward for the PMF students, teaching them about investing, but also teaching them how to be a professional, sometimes under quite stressful conditions.

Mr. David Christopher (Member since 2012)

#### G&B Estates Ltd.

Mr. Jeff Clay, LWF '88 (Member since 2009) Whiteshell Capital Ltd.

Mr. Bill Dye (Member since 2008) Leith Wheeler Investment Counsel

Ms. Jill Leversage (Member since 2017)

Mr. Michael Ryan (Member since 2006)
PMF Co-Founder

Mr. Donald M. Smith (Member since 1999)
Smith Pension & Actuarial Consultants

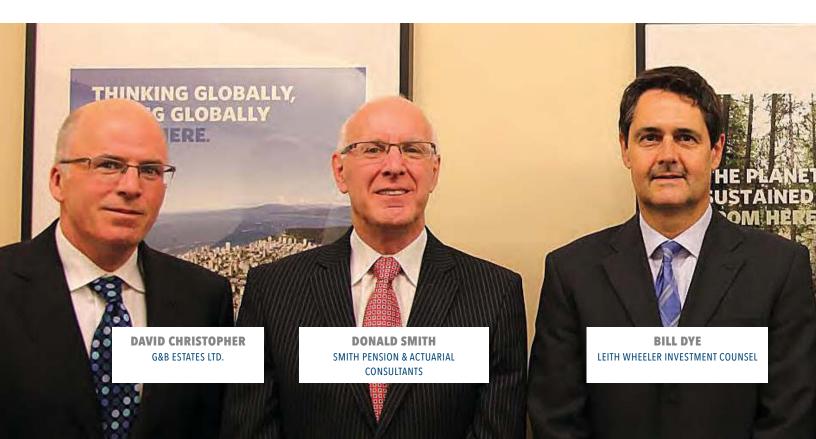
#### PMF SUPERVISORS

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

**66 T** have participated on the client committee in my role as a PMF Supervisor during the past 10 years. Much has changed during that time, and it has been my pleasure to see the client committee, students, and portfolio evolve through at least two market booms and a "Great Recession." Kathy Marshall served in the role of Chair during most of this time but increased work-related obligations necessitated her departure from the committee in August; on be behalf of all members of the Committee, I would like to express sincere thanks to Kathy for her outstanding voluntary contributions to the PMF! Student fund management of the PMF endowment during their summer employment has become an impossibility, at least in terms of managing employer compliance that restricts trading on behalf of the PMF. To adapt to this change, the Client Committee implemented a trading policy which authorizes the PMF Supervisors to make trades to address compliance violations as identified in monthend portfolio reviews. In an historic event, the PMF Supervisors made the first non-student portfolio trade in July to correct a breach of the single-name 7% limit with a single purchase of a liquid Canadian ETF using excess cash reserves that arrived as a donation earlier in the summer. With great wisdom, the Client Committee trading policy restricts supervisor trades so as to minimize the impact on student portfolio management decisions. I look forward to seeing what the next 10 years has in store for the PMF knowing that the Client Committee will continue in their tradition of effective oversight."

#### Professor Murray Carlson

ADVISORY COUNCIL CHAIR IN FINANCE, PMF SUPERVISOR UBC Sauder School of Business



#### **ALUMNI PROFILE: TRACEY MCVICAR**

Tracey is the Managing Partner at CAI Capital Management Co., a mid-market private equity firm she joined in 2003. She is a former investment banker who started her career at RBC Capital Markets in Toronto and Vancouver, and later joined Raymond James Ltd.'s predecessor company Goepel, Shields & Partners in Vancouver. Tracey is a Chartered Financial Analyst and has received the ICD.D designation from the Institute of Corporate Directors. She is currently Chair of Feeney Brothers Utility Services, GeoStabilization International and White House Design, and a director at Canadian Heating Products - all of which are CAI portfolio companies. She is also a director and **Audit Committee Chair at Teck Resources** Limited (TECK.B-TSX) and a former director of BC Hydro Corporation.

In addition to her business commitments, Tracey also serves with a number of not-for-profit organisations; she is a member of the Sauder Faculty Advisory Board, a director of the Fraser Institute, a member of the Big Sisters Honourary Advisory Board and Science World Chair's Council and the Chair of Golf for Good, an annual golf tournament that has raised over \$1,000,000 for non-profit organizations that "do a lot with a little". She is a past director of the Vancouver Board of Trade, VGH & UBC Hospital Foundation, UBC Investment Management Trust, the BC Forum for Women

Entrepreneurs ("FWE") and the Central City Foundation.

In recognition of her achievements, Tracey is a past winner of Business in Vancouver's Top 40 Under 40 Award, the Association of Women in Finance's PEAK Award for Knowledge and Leadership, Business in Vancouver's Influential Women in Business Award, WXN's Canada's Most Powerful Women, Top 100



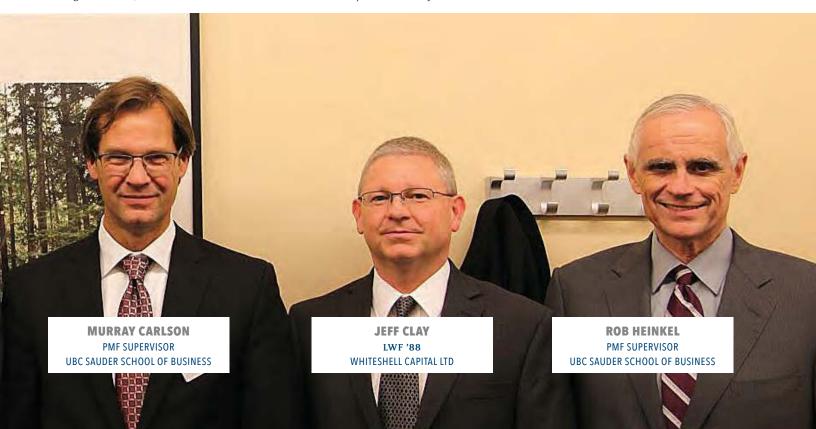
Award, and BC Business Magazine's 50 Most Influential Women in BC and, most recently was featured in the publication "Canada 150 Women" by Paulina Cameron.

Tracey is dedicated to mentorship and helping others. She serves on the Vancouver selection committee for the Loran Scholarship Awards, she is an advisor to the National Investment Banking Competition, and she remains heavily involved in mentoring and coaching both current and former PMF students. In February 2018 she will join fellow

PMF Alumnus John Montalbano as a mentor to one of three FWE Pitch for the Purse finalists competing to win a \$25,000 prize.

**66** The late Milton Wong, PMF founder, was the first person to tell me I had a real future in business. He said I was talented and smart, and I was going somewhere. That gave me all the confidence I needed to pursue a career in finance – I didn't question his judgement! Later in life, he would take me aside and be sure I answered the following question to his satisfaction: "What are you doing in the community these days?". There was no escaping it and "but I have no time" was not an acceptable answer. We learn by example and Milt made a lasting impact on me and on our community with his time, treasure and talent.

One of the most amazing privileges of being a Leslie Wong Fellow is the alumni experience. Whether you graduated in 1987 or 2017, you share a life changing experience with over 200 other Sauder graduates. We not only pick up the phone for each other; we have invested together, hired one another, shared office space and celebrated and supported each other since the beginning. My hope for the PMF is that we never lose the confidence we have in each other, and the pleasure we take in helping one another."



#### 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. Over those three years, each student comes to understand that they have been entrusted with the well-being of the PMF program, and that responsibility of stewardship carries over for long into their careers. We depend upon the LWFs for their support and guidance.

#### CLASS OF 1987

Mr. Doyle Bauman Scotiabank

Vancouver

Mr. Robert Edel
Nicola Wealth Management
Vancouver

Mr. Douglas King Westbank Projects Corp. Vancouver

Mr. Scott Lamont Vancouver

Mr. V. Paul Lee Vanedge Capital Vancouver

Mr. John Pryde

#### CLASS OF 1988

Mr. Jeff Clay Whiteshell Capital Ltd. Vancouver

Mr. John Montalbano Tower Beach Capital Vancouver Mr. David Picton
Picton Mahoney Asset Management

Toronto

Mr. Terry Quan

Ms. Margaret (Hyde) Voth

Vancouver

Ms. Jacki (Hoffman) Zehner

Women Moving Millions

Park City

#### **CLASS OF 1989**

Mr. Steve Chant

Ms. Ronna Chisholm Dossiercreative Inc.

Vancouver

Mr. Wayne Chiu

Vancouver

Mr. James Huggan
HSBC Asset Management Canada Ltd.

Vancouver

Mr. Colin Jang Toronto

Ioronto

Mr. Peter Lee
Gallant Investments Group
Hong Kong

Mr. Robert Lowe

**Auctus Auto Group** 

Toronto

Mr. Jack MacDonald

Ms. Margaret McClure

Ms. Kathy Perry

Ms. Lisa Salt

RE/Max Vernon

Vernon

#### CLASS OF 1990

Ms. Audrey Alscher

Ms. Yifen (Lin) Axford Wheen Finance Pty Ltd.

Mosman, Australia

Mr. Rajan Bains Plenary Group Ltd.

Vancouver

Mr. Greg Boland West Face Capital

Toronto

Mr. David Bryson HudBay Minerals Inc.

Toronto

Mr. Harry K. Culham

CIBC World Markets

Toronto

Mr. Michael B. Fahy

CIBC World Markets - The Michael Fahy Group

Vancouver

Ms. Ann Glazier

**RP Investment Advisors** 

Toronto

Ms. Tracey McVicar

CAI Capital Management Co.

Vancouver

Mr. Adrian Mitchell

Healthcare of Ontario Pension Plan

Toronto

#### **CLASS OF 1991**

Mr. Stephen D. Burke RBC Phillips, Hager & North Ltd.

Vancouver

Mr. David Bustos

Fort Capital Vancouver

Mr. Frank Cantoni

**BMO Capital Markets** 

Toronto



JASON KANTWERG, LWF '13, ANCHORAGE CAPITAL GROUP • NAVEN JOHAL, LWF '15, KKR & CO. • HUGH CHOW, LWF '16, OAK HILL ADVISORS DEREK DODD, LWF '15, ANCHORAGE CAPITAL GROUP • RACHEL RUSSELL, LWF '04, MORGAN STANLEY • GEOFFREY GRIBLING, LWF '04, CREDIT VALUE PARTNERS • BRIAN WOO, LWF '04, BLACKROCK CAPITAL • MATTHEW RUSSELL, LWF '04, CASPIAN CAPITAL PARTNERS LP • MURRAY CARLSON, PMF SUPERVISOR, UBC SAUDER SCHOOL OF BUSINESS • AMELIA LAK, LWF '13, GOLDMAN SACHS & CO. • OPAL LEUNG, LWF '14, OCH-ZIFF CAPITAL MANAGEMENT

66 (Petwardship is about the responsible management of resources under one's care and for me, this forms the basis of my purpose and Ufulfilment as a portfolio manager of private client assets.

While some may perceive the retail portion of the investment industry to be purely relational, my view is that the essence of the value we provide has to be built upon the foundation of strong investment management. For me, the key to this lies in being both a generalist and a specialist in analysing capital markets and securities – it is about identifying key market and industry themes at a high level and drilling down to the specifics of the companies or securities that are best positioned to benefit from these drivers. Knowing what to ignore or avoid is an essential aspect of successful investing.

Circling back to the client, conveying my investment approach in a way that is understandable and educational elevates the experience for all clients. Thoughtfully listening to them and helping them to navigate through varied personal financial issues is the final element of the service that my team and I provide.

To this day, I am grateful to all my preceptors in the PMF – mentors, alumni and professors alike, for lessons I learned in investing and in professional responsibility.

I believe that the greatest form of vocational reward we can have is in knowing that our clients are well served and that we are, indeed, making a meaningful difference in the lives of those whose resources we steward."

-Woon Ai Tsang, LWF '96 RBC Dominion Securities Inc.

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Mr. Brian Choi Woerner Holdings, Inc. New York Allocation of primary capital is akin to distributing opportunity, and as investors we have a responsibility to steward capital wisely towards companies that can create a meaningful impact to the double bottom line. My experience in the PMF not only taught me technical skills, but also deeply instilled the values of giving back. Through working with the impact investing team at the Awethu Project, I have experienced the power of capital to unlock human potential and create a sustainable way to create opportunities for communities. I might forget the numbers on a page at the end of the day, but I will always remember being a part of helping an entrepreneur get access to equity for the first time in generations."

—Beverley See, LWF '15 General Atlantic LLC

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Ms. Michelle Hour

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Mr. Myles Carey

Ms. Kristin Curcio

Mr. Benjamin Forman

Mr. Jeremiah Lane Mr. Sharath Reddy

Mr. Christopher Sheldon

Ms. Ashley Williams

Mr. Aaron Wong, LWF'16

entorship has always Lbeen foundational to the PMF program. While I have hosted value investing workshops and lead discussions as an unofficial counselor to PMF students for about five years, I had the great privilege of being a PMF mentor this summer. I was lucky that my mentee, Joban Sandhu, was already a mature and highly motivated individual with a strong work ethic. My own experience with mentors, especially during those formative years, was inspiring and incredibly meaningful. Having the right mentor can change your life. I understood this implicit responsibility and worked towards having meaningful interactions with my mentee. And while the explanation sounds formal, the execution need not be. A mentor is a trusted friend and adviser. Breakfast at 7am? Drinks after work? Double date dinner? All good. By the end of summer, I felt there was sufficient trust and open-mindedness to discuss personal blind spots and explore significant life decisions beyond the usual investmentrelated topics. I believe it is this combination of professional and personal that makes the relationship deeper and the experience exponentially more rewarding. Mentorship permeates throughout the PMF and I believe it is one of the

—Davies Town, LWF'11
Mackenzie Investments

central pillars that helps the

extraordinary talent."

program consistently develop

#### **SUMMER MENTORS**

PMF graduates are primary stewards of the PMF program. One stewardship role is to act as Mentors to PMF students interning in their city. The graduates understand that they must both teach professional, technical topics to their Mentees, but also guide their Mentees through any professional dilemmas that they confront while at their internships. The chosen Leslie Wong Fellow Summer Mentors are great role models.

#### TORONTO

Mr. Frank Cantoni, LWF '91 & Josh Dogor

Mr. Aaron Carter, LWF '09 & Jaap Dassan

Mr. Brett Dley, LWF '08 & Young Lee

Mr. Moritz Krautkraemer, LWF '06 & Eileen Li

Mr. Adrian Mitchell, LWF '90 & Andrew Hall

Mr. Darren Sellers, LWF '99 & David Lee

Ms. Jennifer Shum, LWF '93 & Carol Lee

Mr. Randy Steuart, LWF '07 & Allison Cheng

Mr. Davies Town, LWF'II & Joban Sandhu

#### **NEW YORK**

Mr. Jason Kantwerg, LWF '13 & Mitchell McCullough Ms. Amelia Lak, LWF '13 & Gaurika Sharma Mr. Matt Russell, LWF '04 & Edward Hicks

Li was an absolute privilege to serve as Mitch's mentor this summer, and his respect and true appreciation for the PMF continually outshone his many successes during his internship. I truly believe that this distinguished attitude and high level of care for the program is what has allowed the PMF to flourish over the past 30 years, and will preserve its core principles and successes for generations to come."

—Jason Kantwerg, LWF '13 Anchorage Capital Group, LLC



JENNY YAN, LWF '11
PCJ INVESTMENT COUNSEL

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RESEARCH ASSOCIATE
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#### SUMMER WORKSHOPS

TRADING AND INVESTING TOPICS

Quant Investing at BlackRock

Mr. Vincent Roy

Ms. Rachel Siu

Concentrated Value Investing at BloombergSen

Mr. Jonathan Bloomberg

Value Investing at Burgundy Asset Management

Mr. Andrew Choi, LWF '10

Mr. David Vanderwood, LWF '93

Fixed Income Investing at CIBC Asset Management

Mr. Adam Ditkofsky

Mr. Patrick O'Toole

**Investing and Careers at CPPIB** 

Ms. Melissa Dalmacio

Mr. Moritz Krautkraemer, LWF '06

Mr. Max Miller

Investing Throughout the Capital Structure at Ewing Morris Investment Partners

Mr. John Ewing

Mr. Randy Steuart, LWF '07

**Investing at Fidelity Investments** 

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Ms. Anne Baumann

Mr. Marc Capporiccio

Mr. Nabeel Rajan, LWF '02

Ms. Clodagh Scannell

#### SPECIAL TOPICS

#### Summer Stock Project

Mr. Randy Steuart, LWF '07, Ewing Morris & Co. Investment Partners

Mr. Aland Wang, LWF '07, West Face Capital

Mr. Tony Wang, LWF '12, RP Investment Advisors

Using Cap IQ

Mr. Alex Heimpel

Ms. Nika Stanzeleit

Using CPMS Morningstar

Mr. Ian Tam

The Role of RBC Investor & Treasury Services in the Capital Markets

Mr. Chris Strong

**Ethics in the Capital Markets** 

Mr. Andrew Pringle

**HOOPP Summer-End Luncheon** 

Mr. Adrian Mitchell, LWF '90

Ms. Jennifer Shum, LWF '93

Sa long time participant in the PMF Summer Workshops every year, I look forward to sharing with the students my experiences in building stock selection models, best practices in portfolio construction and risk management. I particularly like seeing their reaction to where the largest risks lie within the PMF portfolio. The one thing I hope they retain is that the largest sources of risks should be in

line with the level of conviction they have in those positions.

I believe these sessions permit the students to see that analysing financial reports and meeting management teams isn't enough to make sound investment decisions. In a world where data is abundant and cheap, there are new ways to measure human (and economic) activity from the digital footprints we leave behind.

Every year I find the students to be engaging and curious about different ways of investing; both are very good traits we look for in our own portfolio managers."

Mr. Vincent Roy

Principal, BlackRock Asset Management



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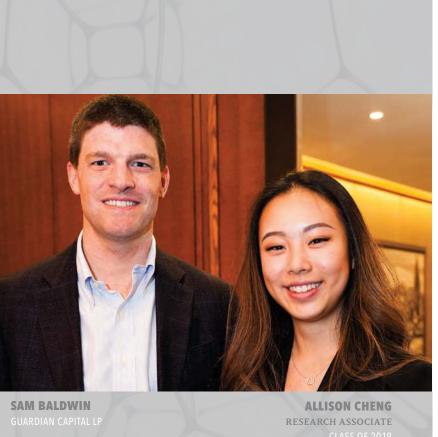
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This page recognizes those organizations and some of the individuals who help the PMF meet its objectives in so many critical ways. Our students build their successful, and varied, professional careers from the base provided by the PMF and its friends and supporters; without their efforts, the PMF alumni would not have the success they enjoy.

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#### ScotiaMcLeod Market Watch

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#### CANADIAN AND US EQUITY OPTIONS WEEKLY UPDATE

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Ellement Consulting Group



On behalf of Morningstar Research Inc., we are thrilled to continue to support the PMF programme at the University of British Columbia through the Morningstar CPMS platform. Moreover, we are ecstatic to be able to work with the next generation of investment professionals in Canada and continue to be impressed with the high caliber of students and mentors. We hope that this partnership continues to be mutually beneficial for years to come."

—Ian Tam, CFA
Morningstar CPMS



66 TNK and PMF agree: Stewardship matters! INK quantifies company stewardship by insider commitment, the amount of stock officers and directors buy and hold. Proof that it matters: Insider commitment is the foundation of the INK Canadian Insider Index, which has significantly outperformed the S&P/TSX Composite since going live 3 years ago."

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t's wonderful to see how keen the PMF students are to develop themselves, and even to provide thoughtful input on how to improve our own products. We thoroughly enjoy our engagement with the program and are excited to continue the relationship in the years to come."

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—Rob Heinkel

PMF Supervisor

**UBC Sauder School of Business** 

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#### **PMF-ATTENDED SEMINARS**

#### November 2016

DISTRESSED DEBT INVESTING AT FULCRA ASSET MANAGEMENT

Mr. Justin Roach Mr. Matt Shandro

#### February 2017

THE EVOLUTION OF INVESTING AT FIDELITY INVESTMENTS

Mr. Andrew Marchese

#### February 2017

INVESTING PHILOSOPHY AND PROCESS AT PENDERFUND CAPITAL MANAGEMENT

Mr. David Barr Mr. Felix Narhi

#### April 2017

ALTERNATIVE INVESTMENTS AT ONTARIO TEACHERS' PENSION PLAN

Mr. Danilo Simonelli

#### September 2017

CUSTODY RELATIONSHIPS AND SERVICES FROM RBC INVESTOR AND TREASURY SERVICES

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#### September 2017

TRADING INFRASTRUCTURE AND TRADING THROUGH OTRADE INVESTOR INC.

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#### September 2017

CANALYST MODELLING WORKSHOP

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#### October 2017

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#### October 2017

BUILDING GOOD CLIENT RELATIONSHIPS Mr. Paul M. Martin, LWF '97

RBC Phillips, Hager & North Ltd.

#### November 2017

FRANKLIN TEMPLETON WOMEN AND WEALTH EVENT

**Ms. Kelly Smith** Franklin Templeton

#### November 2017

KOHLBERG KRAVIS ROBERTS & CO. DISTRESSED DEBT CASE STUDY

Mr. Alexander Goston, LWF '16 Mr. Naven Johal, LWF '15

# PMF-SPONSORED SEMINARS FOR SAUDER SCHOOL STUDENTS

#### March 2017

"AN ENTREPRENEUR'S PERSPECTIVE: NAVIGATING THE TREACHEROUS PATH FROM STARTUP TO HIGH GROWTH VENTURE"

Mr. Stephen Hazelton

Founder & CEO

Mr. Chris Hontvet

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## SCHOLARSHIP PROVIDERS TO PMF STUDENTS:

Mr. Aaron Carter, LWF '09
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Mr. V. Paul Lee, LWF '87 (via Tides Canada)

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

#### Ms. Rita Quill

for maintaining the PMF website at http://www.sauder.ubc.ca/pmf

#### 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

PMF APPLICANT INTERVIEW FACILITIES: RBC Phillips, Hager & North Ltd.: Mr. Bryan Mascoe, LWF '02

WRITTEN APPLICATION REVIEW:

Prof. Murray Carlson

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## PMF NEW YORK VISITS

At the end of each summer, the PMF class that is finishing their Toronto internships is flown to New York to meet with many alumni and friends of the PMF. The purpose of the visit is to strengthen the bond between alumni and students, allow the students to get a glimpse of some great New York firms and, since recruiting is coincidentally beginning for summer internships for the following summer, it is a chance for potential employers to get an initial look at the PMF students. We thank all those that hosted visits with our students.

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MURRAY CARLSON

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BC SAUDER SCHOOL OF BUSINESS

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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. Recent Donors are highlighted.

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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 of the Sauder School with many universities in the region.

Art Phillips, co-founder of 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 Faculty 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.



## PORTFOLIO MANAGEMENT FOUNDATION

Sauder School of Business University of British Columbia 2053 Main Mall Vancouver, BC V6T 1Z2 Canada

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