



Lauréats
KILLAM 
Laureates

Annual Report of the Killam Trustees

2017

*Building our future through advanced study.
Notre avenir passe par les études supérieures.*



Annual Report of the Killam Trustees

2017

Contents

The Killam Trusts	4
The Killams	5
Annual Report of the Killam Trustees	6
Background	9
The Killam Trustees	10
University of Alberta	14
The University of British Columbia	17
The University of Calgary	20
The Canada Council for the Arts	23
Dalhousie University	26
Montreal Neurological Institute of McGill University	29
Killam Award Winners 2017	30
University of Alberta	30
The University of British Columbia	32
The University of Calgary	35
The Canada Council for the Arts	37
Dalhousie University	38
Montreal Neurological Institute of McGill University	40
Killam Alumni Network	41

The Killam Trusts

“My purpose in establishing the Killam Trusts is to help in the building of Canada’s future by encouraging advanced study.

Thereby, I hope, in some measure, to increase the scientific and scholastic attainments of Canadians, to develop and expand the work of Canadian universities, and to promote sympathetic understanding between Canadians and the peoples of other countries.”

— FROM THE WILL OF DOROTHY J. KILLAM, 1965



“We know what we are, but know not what we may be.”

— SHAKESPEARE

The Killam Trusts were established in 1965 under the Will of Dorothy Johnston Killam for the benefit of Dalhousie University, Montreal Neurological Institute of McGill University, University of Alberta, The University of Calgary, The University of British Columbia, and the Canada Council for the Arts. Mrs. Killam also established similar trusts during her lifetime for the benefit of Dalhousie and the Canada Council.

To date, close to 7,000 scholarships, fellowships and awards have been awarded to graduate and post-graduate students and faculty.

The Killam Trusts also provide funds for Killam Chairs, salaries for Killam Professors, and general university purposes. The Canada Council, in addition to awarding Killam Fellowships, also awards annually the Killam Prizes in Health Sciences, Natural Sciences, Engineering, Social Sciences and Humanities. They are as a group Canada’s premier awards in these fields, and to date 143 prizes have been awarded.

The Killams



Izaak Walton Killam

Born in 1885 at Yarmouth, Nova Scotia.
Died in 1955 at his Québec fishing lodge.

Izaak Walton Killam was one of Canada's most eminent financiers, rising from paper boy in Yarmouth, Nova Scotia to head of Royal Securities. Having no children, Mr. Killam and his wife Dorothy Johnston Killam devoted the greater part of their wealth to higher education in Canada.

In spite of his prodigious financial accomplishments, Izaak Walton Killam was a very reserved man who eschewed publicity and was virtually unknown outside a small circle of close acquaintances.



Dorothy Brooks Killam, née Johnston

Born in St. Louis, Missouri in 1899.
Died in 1965 at La Leopolda, her villa in France.

Unlike her retiring husband, Dorothy Johnston Killam was an extrovert who loved company and people generally. After she and Mr. Killam were married in 1922, they lived in Montréal, the centre of the Killam financial empire.

Mr. Killam died in 1955, and it was left to Mrs. Killam to work out the details of their plan in her Will. When she died in 1965, she left their combined estates to specific educational purposes and institutions, as well as a large gift to The Izaak Walton Killam Hospital for Children in Halifax.

Annual Report of the Killam Trustees

Canada has changed dramatically in the 51 years since the first Killam scholarships were awarded. Yet the importance of building Canada's future by encouraging advanced study has never been so necessary.

In 2018 we continue the journey of helping build Canada's future through encouraging advanced study, and we do so with the benefit of the insights of an independent panel of eminent Canadian scholars and academic administrators. Prior to taking up his post as Vice Chancellor of Cambridge University in England – the first Canadian ever appointed to head that ancient and preeminent site of learning – Prof. Stephen Toope, as Chair, joined by Dr. Indira Samarasekera and Dr. Paul Corkum, as well as Research Director, Dr. David Farrar, delivered to the Trustees the Report on their Killam Impact Study. Their study and recommendations will set the direction for our future journey.

While all of the Trustees felt the 50th anniversary of the first scholarships was an ideal time to assess the past and plan for the future, Managing Trustee, George Cooper advanced the Impact Study project with a clear objective of advancing Mrs. Killam's bold vision. Initiating this important work, at the end of his term as Managing Trustee, is yet further evidence of his sincere commitment to the work of the Killam Trusts.

The 50th Anniversary Impact Study had two objectives: to look back to see whether Mrs. Killam's original vision had been accomplished, and to look forward to see what program adjustments should be made to continue *"to increase the scientific and scholastic attainments of Canadians, to develop and expand the work of Canadian universities, and to promote the sympathetic understanding between Canadians and the peoples of other countries."*

As for impact, the principal value of the Trusts now exceeds \$460 million and the total spent to carry out Mrs. Killam's vision has reached \$1Billion in 2017 dollars. The number of major Killam awardees since inception is over 5,500. While sometimes only able to rely on anecdotal evidence rather than detailed data, the panel concluded the impact of the Killam Trusts has been substantial and for some universities such as Dalhousie, essential to becoming a research intensive institution.

As for the future, the Panel has suggested Killam programs be evolved to support "rising stars."

The Impact Study panel concluded that academics in the immediate post-tenure (or equivalent) stage merit targeted investment. When looking at the funding landscape in Canada it was pointed out that the Killam Trusts, in particular the Killam Canada Council Program, could start to fill this gap for researchers who are at the most productive and innovative stages of their careers. With a new program – The Canada-Killam Accelerator Research Fellowships – the Killam program can take its first new step in the way it builds Canada’s future through advanced study and research.

The Killam Trusts are unique in the research and scholarship environment in Canada but are part of a larger system of supports for research and scholarship. In 2017 Canada’s Fundamental Science Review (the Naylor Report) was released. The report outlined a comprehensive agenda to strengthen the foundation of Canadian research. In 2018 and 2019 the Killam Trustees and the Canada Council will be implementing the recommendations of the Impact Study Panel to develop national programming to launch rising stars into the constellation of fundamental research in Canada. The Trustees will follow the developments at the federal level in response to Canada’s Fundamental Science Review. The Killam Trusts – true to the spirit of Mrs. Killam’s intentions – will be talent focused and will work with the universities identified by Mrs. Killam – UBC, University of Calgary, University of Alberta, the Montreal Neurological Institute at McGill and Dalhousie – to foster talent for the research and innovation ecosystem in Canada.

In 2017 Managing Trustee George Cooper concluded over 30 years of service to the Killam Trusts with his retirement as Managing Trustee upon attaining age 75.

George's successor is Bernard F. (Bernie) Miller, QC, a former Managing Partner of Atlantic Canada law firm McInnes Cooper and a current Deputy Minister in Nova Scotia.

Bernie, like all of the Trustees who have had the opportunity to work with George, is inspired by him and is honoured to take on the important work of managing this perpetual trust for advanced study and research in Canada.

John S. Montalbano, CFA
The Honourable Kevin G. Lynch, PC, OC, PhD, LLD
Jim Dinning, OC, LLD
Bernard F. Miller, QC, Managing Trustee

The Trustees of the Killam Trusts
Halifax, Nova Scotia

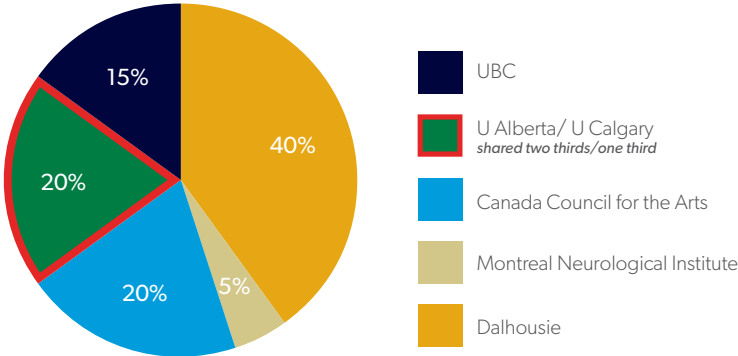
For further information, contact:

Sarah Horrocks, Administrative Officer of the Killam Trusts,
951 Beaufort Avenue, Halifax, NS B3H 3X8
administrator@killamlaureates.ca | 902.494.1329 or 705.331.0818

Every spring the various Killam Scholarship Committees (of which the Trustees are members) adjudicate the current competitions for Killam funding. By September a new cohort of Killam laureates take up their positions at their respective institutions and each October they are recognized at the Killam celebrations at each of the Killam universities. These events allow the Trustees to meet the scholars and hear about the research being funded by the Killam Trusts. In addition to the university events, we have been lucky for the past seven years to have His Excellency the Right Honourable David Johnston host a presentation for the Canada Council Killam Prize winners at Rideau Hall. Happily, Her Excellency the Right Honourable Julie Payette has agreed to host the Killam Prize ceremony in 2018. What follows are some highlights of the programs at all six Killam institutions. The names of all Killam scholarship, fellowship, prize and other award winners during 2017 can be found at the back of this booklet.

Background

Original Testamentary Bequests (not including Anonymous Donor's Fund)



Mrs. Killam died in 1965 and the five Killam universities and the Canada Council have benefited enormously from her bequest for the past 50 years. Why just these six institutions and not the rest of Canada? It is important to remember that at the time that the Killam Trusts were founded there was very little in the way of federal funding for graduate scholarship in Canada. Mrs. Killam's idea was revolutionary and based on a desire to "reduce the brain drain" of her adoptive country of Canada. Despite the fact that neither of the Killams obtained post-secondary education (although both were awarded honorary degrees from Dalhousie), they both believed in the transformative power of education and research. The Trusts were created by Mrs. Killam in honour of her late husband, therefore she chose institutions based on the geographic regions where Mr. Killam held business interests during his lifetime. The Canada Council received Killam funding as it was originally founded from the estate duties of Mr. Killam, along with those of Sir James Dunn. The Montreal Neurological Institute was selected because a relative received excellent medical care there and Mrs. Killam's personal nurses were often sourced from the Institute. The chart above depicts the share of the original \$75 million each university received fifty years ago, back in 1967

How could she leave so much to chance after her death? What if the program wasn't functional? Would it all be a waste? There was too much at stake for uncertainties so Mrs. Killam created a "test drive" for her scholarship scheme by making anonymous contributions to both Dalhousie and the Canada Council. These funds came to \$27 million, making Mrs. Killam's original gifts, lifetime and testamentary, some \$102 million.

Today, the Killam endowments stand at some \$460 million. In 2017, no less than 363 predoctoral scholars, postdoctoral fellows, professors and other award winners received support from the Trusts and since 1967, the total nears 7,000.

The Killam Trustees



John S. Montalbano, CFA
Principal, Tower Beach Capital

John built his career in asset management at Phillips, Hager & North Investment Management Ltd. (PH&N). Throughout, he assumed successive leadership roles until his appointment as President in 2005. In 2008, when RBC acquired PH&N, John became CEO of RBC's newly expanded asset management business, known as RBC Global Asset Management (RBC GAM). By 2015, when he retired as CEO, the organization had extended its scope to include offices in Canada, the United States, the United Kingdom and Hong Kong, managing in aggregate more than \$370 billion worldwide. As Vice Chairman of Wealth Management, John focused on business

development and special projects, in particular with respect to merger and acquisition opportunities for RBC GAM. In 2017, John was appointed as a Director of the Canada Pension Plan Investment Board and the Asia Pacific Foundation of Canada.

John served as Chair of the UBC Board of Governors and remains a strong supporter of the UBC Sauder School of Business, where he and his wife, Dana, established the Montalbano Professorship in Leadership Studies. They have also established several fellowships at the University of Victoria in Ocean and Earth Sciences. As a trustee of the Killam Trusts, he also serves as a member of the Investment Committee for the Canada Council for the Arts. In 2015, John was appointed Chair for the Vancouver Public Library Capital Campaign and currently serves on the Boards of Junior Achievement British Columbia, St. Paul's Hospital Foundation and the Vancouver Police Foundation.

John holds a Chartered Financial Analyst designation and a Bachelor of Commerce, with Honours, from the University of British Columbia. He is a Leslie Wong Fellow of the UBC Portfolio Management Foundation and also holds an Honorary Doctor of Letters from Emily Carr University of Art and Design.



The Honourable Kevin G. Lynch, PC, OC, PhD, LL.D

The Honourable Kevin Lynch has been Vice Chairman of BMO Financial Group since 2010. Prior to that, he was a distinguished former public servant with 33 years of service with the Government of Canada, serving as Clerk of the Privy Council, Secretary to the Cabinet, Deputy Minister of Finance, Deputy Minister of Industry as well as Executive Director for Canada at the International Monetary Fund.

Dr. Lynch is Chancellor of the University of King's College, a senior Fellow of Massey College and the past Chair of the Board of Governors of the University of Waterloo. He chairs the Board of SNC Lavalin and is a director of CN Railway and CNOOC (China National Overseas Oil Company). As well, Dr. Lynch is a Trustee of the Killam Trusts and a Director of Communitech, the Governor General's Rideau Hall Foundation and the Asia Pacific Foundation of Canada. Previously, Dr. Lynch served on the boards of the Ditchley Foundation of Canada (Chair), the Accounting Standards Oversight Council (ASOC), the Ontario Rhodes Scholarship Selection Committee, the Princess Margaret Hospital Foundation, the Gairdiner Foundation, the Perimeter Institute, the Bank of Canada, Empire (Sobeys), Canadian Deposit Insurance Corporation (CDIC), the Business Development Bank of Canada (BDC), BMO China and the Cape Breton Development Corporation.

Dr. Lynch earned his BA from Mount Allison University, a Masters in Economics from the University of Manchester and a doctorate in Economics from McMaster University. He was made a Member of the Queen's Privy Council for Canada in 2009, was appointed an Officer of the Order of Canada in 2011, has received 11 honorary doctorates from Canadian Universities and was awarded the Queen's Golden and Diamond Jubilee Medals for public service.



Jim Dinning, CM, F.ICD, LLD

With broad, multi-sectoral experience, Jim Dinning is an accomplished business executive and former politician. He serves as Chair of Russel Metals Inc and Liquor Stores NA Ltd, both TSX-listed companies. Mr. Dinning is Chair of Desjardins-owned Western Financial Group and Zag Bank, and is a director of the Canadian institute for Advanced Research (CIFAR). For the last six years, he has served as the lead faculty member of the Max Bell Public Policy Training Institute. Mr. Dinning was Chancellor of the University of Calgary from 2010 to 2014 and was honored with the Chancellor Emeritus designation as he completed his four-year term. Mr. Dinning was invested as a Member of the Order of Canada in 2016.



**Bernie Miller, Deputy
Minister, Office of Strategy
Management, Nova Scotia
Managing Trustee**

Bernie Miller is the Managing Trustee of the Killam Trusts. During his 30-year career, Mr. Miller has been a lawyer, Chief Executive Officer and Senior Public Servant.

Mr. Miller is currently in public service as the Deputy Minister, Office of Strategy Management, Deputy Minister of Business for Nova Scotia. Mr. Miller was appointed to Nova Scotia's Office of Strategy Management in October 2017 and Deputy Minister of Business in January 2018.

From 2006 to 2013, he was the Managing Partner/CEO of McInnes Cooper, one of the 20 largest law firms in Canada with offices throughout Atlantic Canada and had overall responsibility for strategic planning and operational leadership of the firm. In 1997, Bernie established the firm's first New Brunswick office. Bernie practiced business law with a focus on aboriginal, environmental, energy, natural resources and real estate law. He was instrumental in developing the firm's regional environmental law practice. While in private practice Bernie was recognized by Chambers and Partners Global as a leading lawyer in environmental law in Canada and featured in Lexpert, Best Lawyers in Canada, Practical Law Company and Who's Who Legal as a leading lawyer in business, energy, aboriginal and environmental law. Prior to entering the public service he served as corporate secretary of Twin Rivers Paper Company of Madawaska, Maine and Edmundston, New Brunswick.

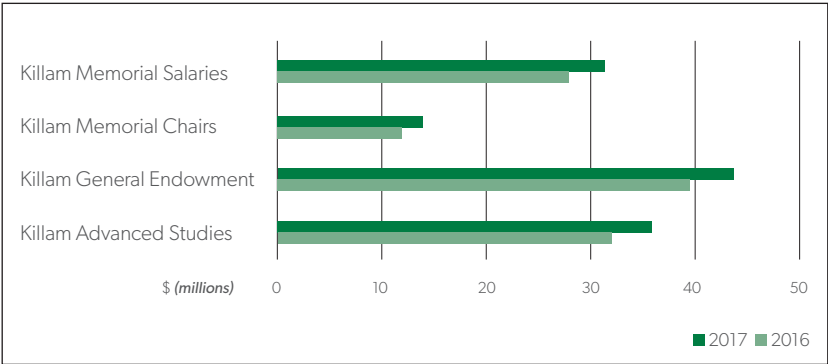
Bernie served as a member of the Canadian Centre for Environmental Arbitration and Mediation, the Canadian Bar Association, the Nova Scotia's Barristers' Society and the New Brunswick Law Society. He is an Institute-certified Director with the Institute of Corporate Directors from the Rotman School of Management and served on the Atlantic Provinces Economic Council Board of Governors and on the Nature Conservancy of Canada, Atlantic Regional Board. He also was on the Advisory Board of the 4Front Atlantic Conferences developed by fellow Trustee Kevin Lynch and former Managing Trustee, George Cooper.

University of Alberta

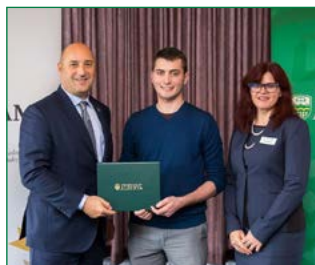


2017 U of A Killam Award Recipients

U of A Killam Fund – Market Values



Killam Doctoral Award



The Killam doctoral scholarships are awarded for two years to the highest ranking scholars at UAlberta. Killam laureates study in a variety of fields, like Patrick Moon, working on his PhD in organic chemistry, pictured receiving his Killam certificate.

Killam Doctoral Award in Numbers

Doctoral Award Applications	312
New Doctoral Award Recipients	13
Renewals	6
Women	7
Men	12
Countries Represented	4+
Annual Stipend	\$35,000/year

Killam Postdoctoral Award

To receive a Killam Postdoctoral Fellowship, a scholar must submit a research statement to be adjudicated by a panel of academics. The process is highly competitive; only the top ranked applicants are awarded a Killam.

Killam Postdoctoral Award in Numbers

Postdoctoral Award Applications	159
New Postdoctoral Award Recipients	3
Renewals	3
Women	3
Men	3
Countries Represented	3
Annual Stipend	\$46,000/year



The Killam doctoral and postdoctoral fellows compete for a special Dorothy J. Killam Prize of \$2,500 based on academic achievement, the quality of the written research proposal and leadership qualities. Four Prizes are awarded annually to Killam Doctoral scholars and one to a Killam Postdoctoral Fellow. *Ashley Newbigging*, pictured below was a recipient of the 2017 DJ Killam Memorial Graduate Prize.

Faculty Awards

There are seven Annual Killam Professors, given to award winners who have exhibited exemplary teaching, supervision of graduate students, research and community contributions beyond the university.

UAlberta also offers a \$5,000 Killam Award for Excellence in Mentoring, to honour outstanding support for students at the undergraduate, graduate and postdoctoral levels, which this year went to Political Science Professor Dr. Cressida Heyes.

UAlberta also boasts two Killam Chairs; continuing in these positions are *Dr. Valeri Frolov* in Physics and *Dr. Yingfei Yi* in Mathematical & Statistical Sciences.

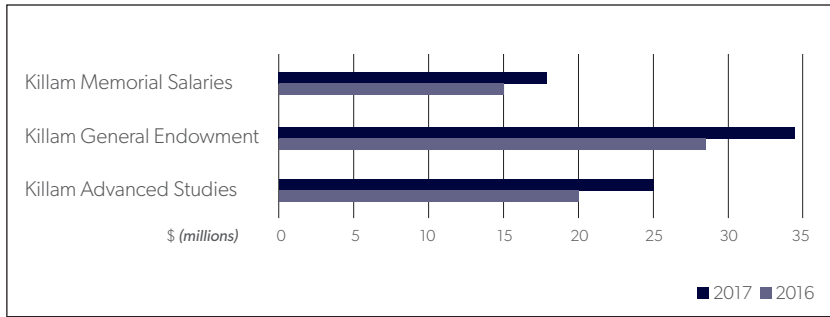
Faculty Award Winners in Numbers

Annual Professors	7
Excellence in Mentoring	1
Killam Chairs	2

The names of all of U of A's award winners for 2017 are listed at the end of this Report.

The University of British Columbia

UBC Killam Funds – Market Values



Killam Doctoral Award



UBC offers highly competitive doctoral awards across all disciplines and open to all nationalities. These awards, valued at \$30,000 annually, are available for two years with a travel research grant of \$2,000, which allows scholars to travel to conferences and present papers. From her research [*Alejandra Echeverri*](#) co-wrote and edited a training guide called *The Lunchbox* to inspire young people across the world to act on environmental and sustainability issues.

Killam Doctoral Award in Numbers

New Doctoral Award Recipients	21
Renewals	36
Women	32
Men	25
Countries Represented	6
Annual Stipend	\$30,000/year
	(+ \$2K research allowance)

Killam Postdoctoral Award



Like the Killam doctoral scholarships, the Killam Postdoctoral Fellowships are open to all international scholars as well as Canadians. However, only scholars whose PhD is from a university other than UBC are eligible to apply. These awards are valued at \$50,000/year for two years plus a \$4,000 research allowance and health benefits.

Sara Pavan completed her PhD at Queen's before heading to the Political Science department at UBC to continue her research into the immigrant experience, including their political participation, personal networks and integration policies.

Killam Postdoctoral Award in Numbers

New Postdoctoral Award Recipients	5
Renewals	6
Women:	4
Men:	7
Countries Represented	4
Annual Stipend	\$50,000/year

Faculty Awards

Killam Professorships, Excellence in Mentoring Awards, Faculty Killam Research Fellowships, Faculty Killam Research Prizes and Killam Teaching Prizes are all available for UBC faculty.

"Killam Professor" is a title conferred by the Board of Governors to recognize an exceptional and distinguished member of faculty.

In order to receive a \$5,000 Excellence in Mentoring Award at UBC, a faculty member must exhibit sustained mentorship of graduate students over many years. Two are awarded each year; one for a professor in mid-career, and the other for a professor with more than 12 years' service.

Faculty Killam Research Fellowships are awarded to tenured faculty members who would like to devote a sabbatical to research and study in their field.

Killam Faculty Research Prizes of \$5,000 each are awarded for excellence in research to five professors in the humanities and social sciences, and five in the natural, applied and health sciences.

Faculty who have been teaching at UBC for three years or more can be nominated by colleagues, students or alumni for a \$5,000 Killam Teaching Prize. There were 23 recipients of this award in 2017.



In some special cases a faculty member can receive more than one Killam award in the same year. Such was the case for [Sara Milstein](#) in the Department of Classical, Near Eastern & Religious Studies, who won both a Teaching Prize and a Killam Research Prize.

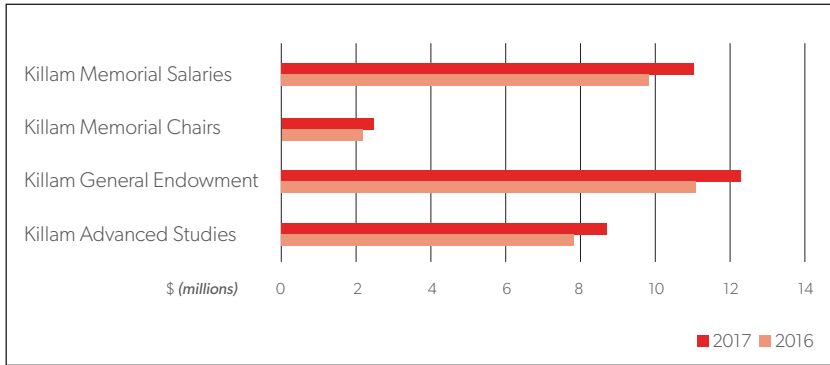


A celebratory reception for Killam scholars was held on October 19, 2017. A full gallery of photos can be found on [Flickr](#), credits to Paul Joseph/UBC. Every year UBC kindly invites members of the Killam family to attend this event. Pictured are Maude and Eliza Killam, niece and great-niece to Izaak Walton Killam.

The names of all of UBC's award winners for 2017 are listed at the end of this Report.

The University of Calgary

UCalgary Killam Funds – Market Values



Killam Doctoral Award

Students who receive a Killam Doctoral Scholarship at the University of Calgary are the very best U Calgary students in their fields. These scholarships, renewable for a second year, are worth \$36,000 per year, with an additional \$3,000 per year to cover research related costs, such as conference travel or specialized equipment.



All new doctoral scholars are entered into a competition for the Don Byers' Prize – named for Mrs. Killam's lawyer who assisted her in crafting her Will. The student with the clearest and best presented plan of study and research among all of the successful candidates is awarded the \$1,000 Prize. This year's winner was [Mallik Mahud](#), Department of Geography

UCalgary has developed an entire mini site titled "[Killam Recipients in the News](#)," a rich repository of Killam highlights and events throughout the year. A notable event for 2017 was the honorary degree bestowed on our recently retired Managing Trustee, George Cooper.

Killam Doctoral Award in Numbers

New Doctoral Award Recipients	17
Renewals	16
Women	13
Men	20
Countries Represented	11
Annual Stipend	\$36,000/year

Killam Postdoctoral Award



The selection process for Killam Postdoctoral Fellowships at UCalgary is fiercely competitive. Successful scholars receive \$50,000/year along with an additional \$6,000 research allowance. This year UCalgary was happy to award four new Fellowships and renew a fifth.

Killam Postdoctoral Award in Numbers

New Postdoctoral Award Recipients	3
Renewals	1
Women	1
Men	3
Countries Represented	3

Faculty Awards



variety of other such as a Annual Professors and the Killam Research and Teaching am professors, a \$10,000 prize given to outstanding ed professors.

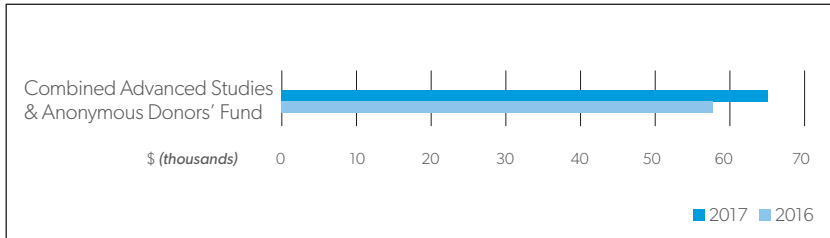
ng Scholar program, made possible through special endowment funds provided by the Killam Trust. The award sponsors a distinguished scholar invited and nominated by a university department who will make a significant contribution to the academic life of the University of Calgary. The scholar is expected to participate in the research and teaching programs of the host department as well as engage in their own research. Due to timing and availability this year UCalgary enjoyed two such visiting scholars; [Steven Chien](#), Engineering from the New Jersey Institute of Technology and [Whitney Lackenbauer](#), History from St. Jerome's University in Waterloo.

The UCalgary Killam reception was held the evening of October 17th in the Taylor Institute for Teaching & Learning. A full slideshow of the event can be found [here](#).

The names of all of UCalgary's award winners for 2017 are listed at the end of this Report.

The Canada Council for the Arts

Canada Council for the Arts Killam Fund – Market Values



Within the Killam program, the Canada Council is unique for many reasons not least of which is that they benefited from the generosity of BOTH Killams. Mr. Killam and his friend Sir James Dunn had a “handshake agreement” with the government of the day to use the \$100 million estate duties it would receive on their deaths (which occurred in 1955 – 56) as seed money to create the Canada Council, as per a recommendation in the Massey Report.

Mrs. Killam made two gifts to the Canada Council for the Arts; the first anonymously prior to her death to “test drive” the Killam program, followed by the posthumous endowment. Professors from across the country are eligible to apply for the Canada Council’s Killam Research Fellowships and be nominated for Killam Prizes.

The Canada Council celebrated their 60th anniversary this year and in recognition of Killam’s 50th they commissioned downloadable [posters](#) by artist Raymond Biesinger, inspired by the five fields of study.

Killam Research Fellowships

[Killam Research Fellowships](#) are coveted not just for their prestige but because they offer scholars two years’ release time from academic and administrative responsibilities in order to concentrate on an extended piece of research or writing. The 15-member adjudication panel is made up of esteemed Canadian academics who must choose six winners out of 90 applicants from 28 different universities across the country. These six new Fellows join the six renewals from 2016. The Killam Trustees are currently working with the Canada Council Killam Scholarship Committee to implement recommendations to build on the success of the Killam Research Fellowships Program.

Killam Prizes

The Canada Council Killam Prizes are the only Killam award restricted to Canadian citizens. These prizes recognize the career achievements of eminent Canadian scholars and scientists actively engaged in research, whether in industry, government agencies or universities.

Each year one prize in each of the fields of humanities, social sciences, natural sciences, health sciences, engineering are awarded, five in total.

Of the 62 nominations received, five eminent scholars were presented their Prizes at Rideau Hall last May by His Excellency the Right Honourable David Johnson, Governor General of Canada.

These five laureates were also profiled on an episode of CBC Radio's "*IDEAS*" program to discuss their research and the impact it has had on the Canadian academic and business landscape. The 2017 Canada Council Killam Prize laureates, shown with the Governor General in the front row of the photograph, are profiled below:



W. Ford Doolittle – Natural Sciences, Dalhousie University. An evolutionary and molecular biologist. He integrates the philosophy of biology & genomic research on previously controversial notions of the “tree of life” and Gaia Theory. His work in molecular genetics includes the study of lateral gene transfer, a key driver of microbial evolution and the proposition of an alternative “web of life” theory.

Thomas Hurka – Humanities, University of Toronto. Dr. Hurka’s focus is on moral and political philosophy, especially normative ethical theory and asking the question “What makes a good life?” His response is pleasure, knowledge, achievement, virtue and friendship.

Molly Shoichet – Engineering, University of Toronto. Recently named Ontario’s first Chief Scientist, Dr. Shoichet’s work centres on tissue and polymer engineering, targeted drug delivery, tissue regeneration and stem cell research. She leads a laboratory of 30, and is the only person to be a Fellow of Canada’s three National Academies of Science, Engineering and Health Sciences.

Julio Montaner – Health Sciences, University of British Columbia – has dedicated the past 30 years to improving the care and treatment of HIV/AIDS sufferers. He is credited for saving millions of lives worldwide for his work on Highly Active Antiretroviral Therapy and the creation of the “Treatment as Prevention” strategy.

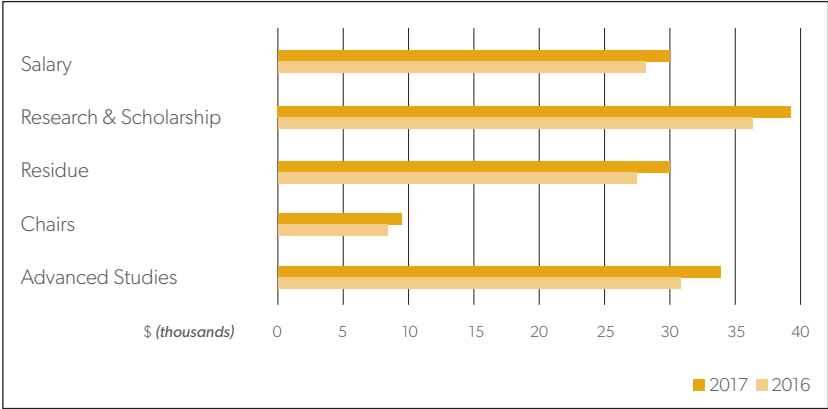
John Borrows – Social Sciences, University of Victoria – Canada Research Chair in Indigenous Law at the University of Victoria. Dr. Borrows is an Aboriginal scholar and lawyer specializing in Indigenous legal rights and comparative constitutional law. A strong supporter of incorporating Aboriginal legal concepts into the practice of Canadian Law, he is Anishinabe/Ojibway and a member of the Chippewa of the Nawash First Nation in Ontario.

Dalhousie University



2017 Dalhousie Killam Award Recipients

Dalhousie Killam Funds – Market Values

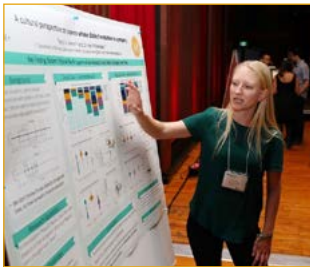


Killam Doctoral Award

Similar to the Canada Council, Dalhousie also served as a “tester” institution prior to Mrs. Killam’s death. A recipient of the “Anonymous Donor Fund”, Dalhousie was able to support 453 students in 2016/17 alone! Dalhousie also is the only university to open its Killam Scholarships to both Master’s and Doctoral students. In 2017, 34 new scholarships were offered; 13 to masters students and 21 to doctoral. An additional 45 students had their Killam award renewed (10 master’s and 45 doctoral). These 79 students come from 12 different countries!

Killam Doctoral Award in Numbers

New Doctoral Award Recipients	34
Renewals	45
Women	38
Men	41
Countries Represented	13
Annual Stipend (Master’s)	\$26,000/year
Annual Stipend (PhD)	\$30,000/year



Taylor Hersh is a PhD candidate, supervised by Dr. Hal Whitehead in the Department of Biology. With previous degrees from Carnegie Mellon in the US, Taylor spent two years as an intern and as a field assistant before coming to Dalhousie for her doctorate. Her research focuses on the evolution of sperm whale dialects, which could provide greater understanding of changes in their population structure.

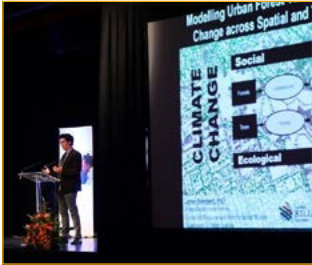
In 2016 Dalhousie inaugurated the George Cooper Master’s and Doctoral Killam Prizes in recognition of retiring Managing Trustee who served for 33 years. As the top ranked masters and doctoral students for 2017 Jasmine Aziz and Lin Ma were the winners of the 2017 Prizes.

Killam Postdoctoral Award

Dalhousie supports a total of thirteen Postdoctoral fellows: seven new and six renewals. These fellowships are open to students regardless of nationality who have completed their PhD program within the past two years.

Killam Postdoctoral Award in Numbers

New Postdoctoral Award Recipients	7
Renewals	6
Women	5
Men	8



James Steenberg is a 2nd year postdoctoral scholar at Dalhousie, who presented a brief synopsis of his research on open data and environmental management. Not only an academic, Dr. Steenberg was one of the developers of Halifax’s award-winning urban forest management plan.

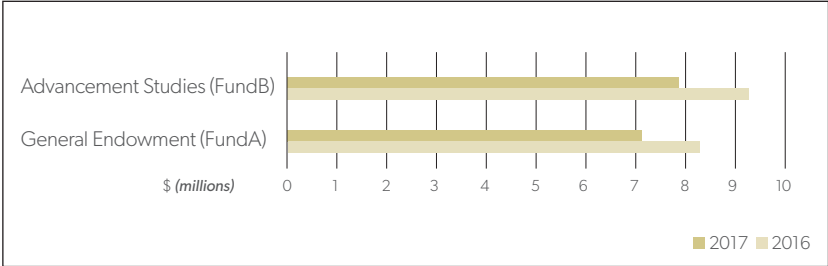
Faculty Awards

Dalhousie currently supports three Killam Chairs. As well, the Faculty of Science at Dalhousie offers professorships and prizes, with financial support provided by the Killam Trusts to the Faculty of Science.

The names of all of Dalhousie’s award winners for 2017 are listed at the end of this Report.

Montreal Neurological Institute of McGill University

MNI Killam Funds – Market Values



MNI Killam Scholars

In contrast to the other Killam institutions, Killam funding at the MNI supports scientists who are also clinicians. The success of MNI scientists who receive support from the Killam Trust is reflected in the additional grants and awards they receive. Last year, Killam Scholars were awarded \$368,033 in extramural salary support and \$8,907,665 in extramural research support.

MNI Killam awards are for five years; the current group of ten scholars at the MNI began their Killam tenure in 2017 and will continue until spring 2022. We profiled [Adrien Peyrache](#) on our website as a representative of this new cohort.

The MNI has a Killam Chair, [Dr. Eric Shoubridge](#), and also boasts one Dorothy J Killam Professor – [Dr. Brenda Milner](#), who continues to be active in her research at the age of 99!

The [Killam Seminar](#) series continues to be very popular, bringing outstanding international scholars and researchers to Montreal to share their knowledge with their colleagues at the MNI and McGill.

The names of all of the Neuro’s scholars for 2017 are listed at the end of this report.

Killam Award Winners 2017

(* INDICATES HONOURARY KILLAM SCHOLAR, MEANING THE WINNER HAS ALSO RECEIVED FUNDING FROM EXTERNAL SOURCES)

University of Alberta

Killam Doctoral Scholars

New Scholars

Beier, Jessie; Education*
Juhas, Michal; Psychology*
Kim, Ty; Pediatrics*
Mohammadalizadeh Shabestary, Masoud;
Electrical & Computer Engineering*
Moon, Patrick; Chemistry*
Newbigging, Ashley; Laboratory Medicine &
Pathology*
Peers, Michael; Biological Sciences*

Perez Trujillo, Axel; Modern Languages &
Cultural Studies
Reimer, Jody; Mathematical & Statistical
Sciences*
Seifi, Morteza; Medical Genetics*
Soubliere, Jean-Francois; Business
Wang, Xiong; Education
Wang, Yichuan; Resource Economics &
Environmental Sociology

Renewal Scholars

Elliott, Cameron; Surgery
Hauer, Bradley; Physics
Hirani, Shela; Nursing*
Simkus, Danielle; Earth & Atmospheric
Science*

Simoes, Tiago; Biological Sciences*
St. Pierre, Joshua; Philosophy*
Urbanik, Marta-Maria; Sociology*

Dorothy J. Killam Memorial Graduate Prize

Mohammadalizadeh Shabestary, Masoud,
Electrical & Computer Engineering
Newbigging, Ashley; Laboratory Medicine &
Pathology

Seifi, Morteza; Medical Genetics
Wang, Xiong; Secondary Education

Killam Postdoctoral Fellows

New Fellows

Johnson, Mark; Political Science
Saez Gutierrez, Tamara; Obstetrics &
Gynecology

Shen, Zhengtao; Earth & Atmospheric Sciences

Renewal Fellows

Blanco, Zaira; Modern Languages
LeBlanc, Aaron; Biological Sciences

Sikstrom, Laura; Sociology

Dorothy J. Killam Memorial Postdoctoral Fellow Prize

Johnson, Mark; Political Science

Killam Annual Professors

Chacko, Thomas; Earth & Atmospheric Sciences

Cooke, Janice; Biological Sciences

Driver, Robert; Civil & Environmental Engineering

Guan, Leluo; Agricultural, Food & Nutritional Science

Landhäusser, Simon; Renewable Resources

Rak, Julie; English & Film Studies

Safouhi, Hassan; Campus Satin-Jean

Killam Chairs

Frolov, Valeri; Physics

Yi, Yingfei; Mathematical and Statistical Sciences

Killam Award for Excellence in Mentoring

Heyes, Cressida; Political Science

The University of British Columbia

Killam Doctoral Scholar

New Scholars

Boulet, Lindsey; Health Sciences	Palis, Heather; Population & Public Health
Campbell-Page, Ruth; Interdisciplinary Studies	Peng, Xue Bin; Computer Science
Chanona, Melanie; Earth, Ocean & Atmospheric Sciences	Pun, Anthea; Psychology
Coombs, Geoffrey; Health Sciences	Qiu, Tianyou; Psychology
Echeverri Ochoa, Alejandra; Resources, Environment & Sustainability	Rippon, Lee; Chemical & Biological Engineering
Fabris, Michael; Geography	Schroeder, Ryan; Classical, Near Eastern & Religious Studies
Falardeau, Justin; Food Science	Skinnider, Michael; MD/PhD
Gamlen-Greene, Roseanna; Ecology	TeBokkel, Nathan; Languages & Literature: English
Hofman, Darra; Library, Archival & Information Studies	Thompson, Ken; Zoology
Hou, Chenyu; Economics	Volkman, Logan; Biology
Kaseweter, Kimberley; Psychology	Wang, Fei; Materials Engineering
McClure, Robyn; Educational & Counselling Psychology	

Renewal Scholars

Acheson, Emily; Geography*	Guthrie, Jennifer; School of Population & Public Health*
Alexander, J. Andrew; Biochemistry & Molecular Biology*	Huus, Kelsey; Microbiology & Immunology*
Amundrud, Sarah; Zoology*	Kwon, Michelle; Cell & Developmental Biology*
Argento, Elena; Interdisciplinary Studies*	LeBlanc, Veronique; Genome Science & Technology*
Berseth, Valerie; Sociology*	Livernois, Rebecca; Philosophy*
Brunner, Lisa; Educational Studies*	Luedke, Alicia; Political Science*
Chu, Justin; Bioinformatics*	McFarlane, Kiely; Resource Management & Environmental Studies
Driscoll, John; Resource Management & Environmental Studies*	Miller, Miriam; Human Development, Learning and Culture*
Dunkley, Cara; Psychology*	Molnar, Aaron; History*
Esposito, Tullio; Pharmaceutical Sciences	Na, Jennifer; Psychology*
Forestell, Lindsay; Physics & Astronomy*	Peiris, Eshantha; Ethnomusicology
Germain, Rachel; Ecology & Evolutionary Biology	Radzimski, Vanessa; Curriculum Studies
Giffen, Sheila; English*	Rettie, Sebastien; Physics & Astronomy*
Gonzalez, Antonya; Psychology*	Rogova, Anastacia; Anthropology*
Greene, Ezra; Anthropology*	

Salvatore, Danielle; Chemical & Biological Engineering
Skierszkan, Elliott; Geological Sciences*
Squair, Jordan; MD/PhD*

Starko, Samuel; Botany
Tulloch, Bonnie; Library, Archival & Information Studies
Zhu, Mang; Genome Science & Technology*

Killam – Donald N. Byers Prize

Skinnider, Michael; MD/PhD

Killam Postdoctoral Research Fellows**New Fellows**

Kwong, Waldan; Ecology & Evolution
Nelson, Sara; Geography
Pavan, Sara; Political Science

Peveler, William; Chemistry
Suarez, Carla; Chemistry

Renewal Fellows

Bricker, Andrew; English*
Darroch, Francine; Nursing*
Germain, Rachel; Botany

Thompson, Patrick; Ecology*
Wicki-Stordeur, Leigh; Neuroscience

Killam Postdoctoral Fellow Research Prizes

Sunday, Jennifer; Zoology

Gladwin, Derek; Languages & Literature

Killam Faculty Research Fellows

Altshuler, Douglas; Zoology
Angert, Amy; Botany
Ghioca, Dragos; Mathematics
Gibson, Deanna; Biology
Hunt, Michael; Physical Therapy
Milstein, Sara; Classical, Near Eastern & Religious Studies

O'Connor, Mary; Zoology
Pattabriaman, Karthik; Electrical & Computer Engineering
Roth, Wendy; Sociology
Van Petegem, Filip; Biochemistry & Molecular Biology

Killam Faculty Research Prizes

Bombardini, Matilde; School of Economics
Brumer, Harry; Chemistry
Hauert, Christoph; Mathematics
Levings, Megan; Surgery
Porter, Stephen; Psychology
Scott, Douglas; Physics & Astronomy

Sumaila, Rashid; Oceans & Fisheries
Thompson, Evan; Philosophy
Wilkes, Rima; Sociology
Zumbo, Bruno; Educational & Counseling Psychology & Special Education

Killam Awards for Excellence in Mentoring

Bennewith, Kevin; Pathology & Laboratory
Medicine

Thorne, Sally; Nursing

Killam Teaching Prizes

Bartolic, Silvia; Sociology

Butler, Margot; Humanities

Corrigan-Brown, Catherine; Sociology

Covey, Scott; Biochemistry & Molecular
Biology

Dawson, Jessica; Computer Science

Diewert, Virginia; Dentistry

Early, Margaret; Language & Literacy Education

Gilley, Brett; Ocean & Atmospheric Science

Haukaas, Terje; Civil Engineering

Hubley, Anita; Educational & Counselling
Psychology

Krems, Roman; Chemistry

Latimer, Heather; Arts

Marin, Michael; Population & Public Health

McIntosh, Ellen; Law

Milstein, Sarah; Classical, Near Eastern &
Religious Studies

Oliver, David; Microbiology

Rouse, Robert; English

Schwarz, Stephan; Anesthesiology

Shabbits, Jennifer; Anesthesiology

Slade, Gordon; Mathematics

Phani, Anasvarapu Srikantha; Mechanical
Engineering

Stack, Michelle; Educational Studies

Verma, Arun; Pharmaceutical Sciences

Killam Professors

Affleck, Ian; Physics & Astronomy

Hancock, Robert; Microbiology & Immunology

Hayden, Michael; Medical Genetics

Montaner, Julio; Medicine

Otto, Sally; Zoology

Pauly, Daniel; Zoology

Rieseberg, Loren; Botany

Werker, Janeet; Psychology

The University of Calgary

Killam Doctoral Scholars

New Scholars

Ahn, Soohyun; Philosophy	Isaacs, Albert; Neuroscience
Awolayo, Adedapo; Chemical & Petroleum Engineering	Mahmud, Malik; Geography
Binachi, Michele; Anthropology	Mancini, Nicole; Gastrointestinal sciences
Blyth, Benjamin; English	McAfee, Seth; Chemistry
Coward, Stephanie; Community Health	Olmo-Velazquez, Annamaris; Mechanical & Manufacturing Engineering
Dhar, Sagar; Electrical & Computer Engineering	Poole, Julia; Clinical Psychology
Goswami, Sumit; Physics & Astronomy	Ritter, Caroline; Veterinary Medical Sciences
He, Peng; Chemical & Petroleum Engineering	Sayed Eid, Rania; Civil Engineering
	Sibole, Scott; Biomedical Engineering

Renewal Scholars

Berger, Nelson; Neuroscience *	Kwan, Crystal, Social Work*
Bertolani, Valentina; Music	Mohr, Maurice; Kinesiology
Burles, Clayton; Psychology*	Omer, Muhammed; Electrical & Computer Engineering*
Dubreuil, Colin; Anthropology*	Seamone, Scott; Medical Science*
Favaro, Elena; Geography*	Sharma, Tushar; Electrical & Computer Engineering*
Girard, Mark; Mathematics & Statistics	Svystonyuk, Daniyil; Medicine*
Kim, Hyon Soo, Psychology*	Thapa, Simrika; Veterinary Medicine
Kupper, Jessica; Mechanical & Manufacturing Engineering*	Zorz, Jacqueline; Geographical Science

Killam Postdoctoral Fellows

New Fellows

Asmussen, Michael; Kinesiology	Oloumi, Daniel; Electrical Engineering
Cavin, Jean Baptiste; Cellular Biology	More, Tanaji; Civil Engineering

Renewal Fellows

Balsevich, Georgia; Biochemistry

The Donald N. Byers Memorial Killam Prize

Killam Research and Teaching Awards**McCaig-Killam Teaching Prize**

Hugo, Ron; Mechanical & Manufacturing Engineering

Killam Award in Undergraduate Mentorship

Arcellana-Panlilio, Mayi; Biochemistry * Molecular Biology

Killam Graduate Supervision and Mentoring Award

Behjat, Laleh; Electrical & Computer Engineering

Killam Research Excellence Award

Graham, Susan; Alberta Children's Research Hospital Institute

Killam Professors

Bennet, Susan; English

Hill, Josephine; Chemical & Petroleum
Engineering

Hodgins, David; Psychology

Kallos, Michael; Chemical & Petroleum
Engineering

Mayer, Bernhard; Geoscience

Killam Visiting Scholars

Chien, Steven; Engineering

Lackenbauer, Whitney; History

Killam Chairs

Herzog, Walter; Kinesology

The Canada Council for the Arts

Killam Research Fellows

New Fellows

Abraham, Robert; Physics – University of Toronto
Cook, Deborah; Medicine – McMaster University
Helleiner, Eric; Political Science – University of Waterloo
Lopes, Dominic; Philosophy – University of British Columbia
Taillefer, Louis; Physics – Université de Sherbrooke
Wilson, Christine; Physics – McMaster University

Renewal Fellows

Braund, Susanna; History	Gonzalez, Andrew; Biology
Caloz, Christophe; Engineering	McAdams, Stephen; Musicology
Gale, Charles; Physics	Ripstein, Arthur; Philosophy

Killam Prize Winners

Borrows, John; Social Sciences – University of Victoria
Doolittle, Warren; Natural Sciences – Dalhousie University
Hurka, Tom; Humanities – University of Toronto
Montaner, Julio; Health Sciences – University of British Columbia
Shoichet, Molly; Engineering – University of Toronto

Dalhousie University

Killam Masters and Doctoral Scholars

New Scholars

Alam, Mohammad; Jahedul; Civil Engineering	Johnson, Hansen; Oceanography
Anderson, T-Jay; Psychology	Kay, Emma; Sociology and Social Anthropology
Aziz, Jasmine; Psychology	Lawrence, Logan; Health
Bartel, Sara; Psychology	Legere, Stephanie; Microbiology
Castle, Elizabeth; Microbiology & Immunology	Li, Bofu; Civil Engineering
Conrad, Colin; Interdisciplinary	Ma, Lin; Chemistry
Cruikshank, Brianna; Pathology	Mann, Hillary; Biology
Davies, Marion; School for Resource & Environmental Studies	Manning, Susan; Political Science
Dempsey, Brennan; History	McCain, James; Biology
Deska-Gauthier, Dylan; Neuroscience	Parks, Natalie; Community Health & Epidemiology
Disher, Timothy; Nursing	Rajendran, Subin; Chemistry
Douglas, Gavin; Microbiology	Redden, Ralph; Psychology
Drake, Paige; Neuroscience	Robicheau, Brent; Biology
Drake, Richard; Psychology	Salisbury, Sarah; Biology
Hann, Cheryl; English	Shaw, Rebecca; Music
Hersh, Taylor; Biology	Watson, Cristalle; Classics
Hewlett, Miriam; Physics	Whoriskey, Kim; Math & Statistics
Huq, Rachaen; Electrical Engineering	

Renewal Scholars

Allan, Jamie; School of Resource & Environmental Management*	Hall, Michael; IDPhD*
Anas, Atakora; French	Hammer, Melanie; Physics*
Baker, Matthew; Health *	Huggan, Melissa; Mathematics*
Bian, Xiaoning; Mathematics & Statistics	Hung Tien, Chieh; Chemistry*
Bydoun, Moamen; Pathology*	Hyder, Jamaal; Philosophy*
Cassidy, Christine; Nursing	Joy, Phillip; Health*
Chedrawe, Matthew; Pharmacology *	Kraeutner, Sarah; Psychology*
Coyle, Krysta; Pathology	Kraus, Brittany; English*
Dempsey, Erin; Psychology*	Lane, Andrea Paone; Political Science*
Denley, Danielle; Oceanography	Legassicke, Michelle; Political Science*
Doda, Hilary; IDPhD*	Li, Chi; Physics & Atmospheric Science
D'Souza; Kenneth Biochemistry & Molecular Biology	Luddington, Callee; Frances Political Science*
Gref, Katharina; IDS*	MacDougall, Daniel; Biomedical Engineering
Haas, Sebastian; Oceanography*	MacKay, Elizabeth; Psychology*
	MacQueen, Preston; Chemistry*
	Mahu, Tiberiu; Psychology*

Mikalson, Kaarina; English*
Monfared, Yashar; Electrical & Computer
Engineering
Muñoz, Sergio; Biochemistry & Molecular
Biology
Murphy, Luke; Chemistry
O'Brien, John; Biology
Peters, Mercedes; History*
Pridy, Colin; Psychology*

Rotta-Loria, Nicolas; Chemistry*
Salas-Gomez, Daniel; Sociology & Social
Anthropology
Samson, Christopher; Biomedical*
Strickland, Noelle; Psychology*
Tassone, Joseph; Chemistry*
Thomas, Margaret; Pathology*
Vidovic, Dejan; Pathology*

Killam Postdoctoral Fellows

New Fellows

Cao, Yidan; Physics
DeVries, Sophie; Biochemistry
Halpin, Michael; Sociology & Social
Anthropology

Ju, Lin; Mathematics & Statistics
Liu, Zhe; Resource & Environmental Studies
Manning, Paul; Agriculture
Panchen, Zoe; Biology

Renewal Fellows

Abrams, Thomas; Sociology & Social
Anthropology
Baril, Alexandre; Political Science
Fox, Caroline; Biology

Gerow, Aaron; Computer Science
Orbach, Dara; Biology
Steenberg, James; School of Resource &
Environmental Science

Faculty of Science Killam Professors

Bentzen, Paul; Biology
Chambers, Christine; Psychology &
Neuroscience
Chapman, Scott; Physics & Atmospheric
Science
Deacon, Helene; Psychology
Gosse, John; Earth Sciences

Hay, Alex; Oceanography
Ruzzante, Daniel; Biology
Sellinger, Peter; Mathematics & Statistics
Susko, Ed; Mathematics
Thompson, Alison; Chemistry
Worm, Boris; Biology

Faculty of Science Killam Prize

Crossin, Glenn; Biology

Killam Chairs

Duncan, Roy; Virology
Hutchings, Jeffrey; Fish, Fisheries & Oceans

Rupasinghe, Vasantha; Environmental Studies

Montreal Neurological Institute of McGill University

Killam Scholars

Armstrong, Gary; Neurological Sciences
Bernhardt, Boris; Neurological Sciences
Ducharme, Simon; Neurological Sciences
Hoge, Richard; Neurological Sciences
Karmchandani, Jason; Neurological Sciences
Lo, Benjamin; Neurological Sciences

Milnerwood, Austen; Neurological Sciences
Mistic, Bratislav; Neurological Sciences
Peyrache, Adrien; Neurological Sciences
Sharp, Madeline; Neurological Sciences

Dorothy J. Killam Professor

Milner, Brenda

Killam Chair

Shoubridge, Eric



Lauréats

KILLAM 

Laureates

Killam Alumni Network

Are you interested in a Killam Alumni Network?

What information/updates would you like to share?

What connections would you like to make?

- Local Community
- Academic Community
- Research Collaboration
- Mentoring Opportunities
- Group Discounts/Benefits
- Other

Have your say in the development of our new networking portal!

Direct your correspondence to:

Sarah Horrocks, Administrative Officer to the Killam Trusts

administrator@killamlaureates.ca or 705.331.0818

KILLAMPLAUREATES.CA

As always, we want to hear about your recent accomplishments!

Click here to update your record and stay connected.



Sarah Horrocks, MIM
Administrative Officer

T 902.494.1329 | C 705.331.0818
administrator@killamlaureates.ca

951 Beaufort Avenue
Halifax, NS B3H 3X8

killamlaureates.ca