



Lauréats
KILLAM 
Laureates

Annual Report of The Killam Trustees

DECEMBER 2014

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



Annual Report of The Killam Trustees

DECEMBER 2014

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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



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, over 6,500 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 118 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

As this Annual Report is written, the Killam Trusts enter their 50th year. Our founder, *Dorothy Johnston Killam*, died on July 27, 1965, and left some \$105 million in endowments for research and scholarships, a figure which includes both lifetime and testamentary gifts. These extraordinary endowments – today valued at over \$425 million – were given in memory of her late husband, *Izaak Walton Killam*, and the fortunate beneficiaries were the Canada Council for the Arts and five Canadian universities from coast to coast: Dalhousie, McGill, University of British Columbia, University of Alberta and the University of Calgary. (A purist would add that UCalgary came late to the party; it was established after Mrs. Killam death, and it was not until 1977 that by agreement with UAlberta it received a one-third share of the latter's Killam endowment.)

Izaak Walton Killam, who died in 1955, had risen from paperboy in Yarmouth, Nova Scotia to become Canada's most successful business person and financier of the first half of the 20th century. He was the towering, if enigmatic, figure behind a dozen or more massive enterprises in forestry, energy and other industries from the Atlantic to the Pacific: companies such as Nova Scotia Light & Power, Mersey Paper, Abitibi Price, Alcan Aluminum, much of what is now Hydro Quebec, the Globe & Mail, Trans Alta, B.C. Pulp & Paper, and others too numerous to mention. It was his and Mrs. Killam's dream to give their wealth away to support higher education in Canada. (A purist would again jump in to point out that \$8 million went to build a new Children's Hospital in Halifax, and that the income on \$4.2 million went to various nephews and nieces during their lifetimes.)

Why, then, did Mrs. Killam choose these five universities and not others? Simple: because they were located in parts of Canada where Izaak had made his money. And why the Canada Council? Again, a simple explanation. The government had established the Canada Council in 1957 with estate duties arising from Izaak's death two years before – along with those from another wealthy Maritime business person, Sir James Dunn, who had died six months after Izaak. Mrs. Killam wanted to double down on this stake – but with a twist: she donated her money under Section 18 of the *Canada Council Act*, which allows Canadians to establish private trusts to be administered privately, wholly outside the Council's public mandate in the arts.

Well then, how have the Killam Trusts fared in the 50 years since their birth? Here are the bare facts:

- Just over 6,500 awards have been distributed across all six Killam institutions.
- The five Killam universities have together awarded 3,285 doctoral scholarships.
- They have also awarded 1,150 post-doctoral fellowships.
- The Canada Council has awarded 118 Killam Prizes to pre-eminent Canadian scholars and researchers from across the country.
- The Council has also awarded 566 Killam Research Fellowships.
- Three universities (Dalhousie, UAlberta and UCalgary) have been able to attract world class scholars and researchers to hold “Killam Chairs” in scientific and/or engineering fields.
- The four universities (Dal, UBC, UAlberta and UCalgary) holding salary endowments have likewise been able to bring many top level professors into their ranks.
- The Killam Trusts have enabled the MNI to maintain one of the world’s leading research and clinical institutes in the fields of neurology, neuro-science and neuro-surgery.
- All five universities have established many faculty awards and prizes for teaching, mentorship and community service.

As for the lasting impact of all this, the hard evidence lies in the accomplishments of our award winners. Chief among these are our Killam Laureates, winners of the Canada Council’s Killam Prizes. Valued at \$100,000 each, they are as a group Canada’s most prestigious prizes in the five areas of Health Sciences, Natural Sciences, Engineering, Social Services and Humanities, and are awarded in recognition of lifetime achievement.

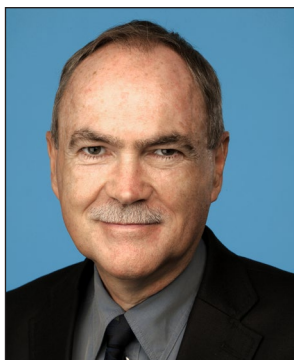
Canada Council Killam Research Fellows are chosen from professors in mid-career at universities across Canada; they likewise have made extraordinary contributions – often world class – through books and research produced during the two years’ “time out” from teaching and administrative duties funded by the KRF program.

The Trustees and the five Killam universities are satisfied that the winners of Killam doctoral scholarships and post-doctoral fellowships are likewise “the cream of the crop”, awarded only to the top scholars at their universities. But here the evidence

is more anecdotal. To get a better handle on the actual facts, the Trustees are looking into the possibility of a longitudinal study, possibly with the help of the federal granting councils, to document their accomplishments.

In summary, the Trustees conclude that the founders' goal of "building Canada's future by encouraging advanced study" has been amply achieved over the past half century. What is more, these being perpetual trusts, it is not too much to hope that the best is yet to come.

With the Killam Trusts, as in any worthwhile enterprise, it's all about the people. And behind the success of our Laureates, Fellows and Scholars stand the heads of the Killam institutions, on whom the burden of that success ultimately falls. Again this year we have seen a lot of change.



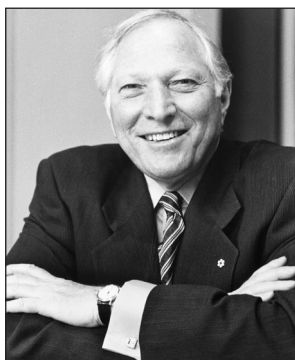
Robert Sirman*



Simon Brault

At the Canada Council, **Bob Sirman** has stepped down after eight years of service, and **Simon Brault** has taken his place as Director. Simon is a long-time Killam supporter, whom we warmly welcome to the Council's leadership role.

*PHOTO CREDIT: CANADA COUNCIL FOR THE ARTS CONSEIL DES ARTS DU CANADA, MARTIN LIPMAN



Joseph L Rotman

It is with great sadness that we note the passing of **Joseph (Joe) Rotman**, OC this past January, 2015. A well-known business person, philanthropist and the Chair of the Canada Council, Mr. Rotman's contributions to the Canadian educational and business landscape are legion. His warm support for the Killam Trusts will be missed and we extend our sympathies to his family.



Dr. Arvind Gupta and Dr. Stephen J. Toope*

At UBC, **Arvind Gupta** replaced Stephen Toope as President on July 1, 2014. Our Vancouver Trustee, **John Montalbano**, was a search committee member and currently serves as Chair of the UBC Board. Dr. Gupta was previously CEO and Scientific Director of Mitacs and is internationally recognized for research and innovation policy.

It is too soon to say goodbye to **Indira Samarasekera**, President of UAlberta, who steps down later this year. But it is not too soon to note that her successor has been announced: **David Turpin**, former President of the University of Victoria. Next year's Trustees' Report will take formal note of these transitions.

*PHOTO CREDIT: MARVIN DEE

It is also too soon to welcome **Bernard F. Miller**, QC formally to the Killam circle. Bernie is a Halifax lawyer by training and profession, but has recently taken the position of Deputy Minister of Planning and Priorities in the Government of Nova Scotia. This year he was appointed a “Trustee in training”, with the plan that he will assume a full Trustee role in the near future.



**M. Ann McCaig,
CM, AOE, LLD**

But of course the biggest change for the Trusts is the retirement of **Ann McCaig** as our Alberta Trustee. Ann (known to friends and family as “Nan”) has served the Trusts for 21 years with great distinction, having previously held the Chancellorship at the UCalgary. A “rural Saskatchewan girl” by birth and upbringing, Ann is by any measure a force of nature. It is scarcely an exaggeration to say that in her adopted home town of Calgary nothing moves in educational, business and philanthropic circles without Ann in the wheelhouse, more often as not as Captain! We wish her well as she steps down, secure in knowing that her sound advice and ever optimistic outlook will always be there to guide us.



Jim Dinning, LLD

Jim Dinning, LLD is our new Alberta Trustee. He comes to the position with extraordinarily broad experience in politics (as Treasurer of Alberta), in business (as past Chair of the Canada West Foundation and current Chair of Liquor Stores NA Ltd, Russel Metals Inc and Western Financial Group), and in education (as UCalgary’s most recent Chancellor). If anyone can fill Ann’s shoes, it’s Jim, and the Trustees look forward to working with him in the years to come.

We note with enthusiasm the recently announced extension of the Governor General's term of office until 2017, the year of Canada's sesquicentennial. **The Rt. Hon. David L. Johnston** has been a warm and energetic supporter of the Killam Program, hosting each year at Rideau Hall the presentation of the Canada Council Killam Prizes. No Governor General has done more for higher education in Canada, both during his term as Canadian representative of the Queen as our Head of State, and in his earlier private life as Principal of McGill and President of the University of Waterloo. His Excellency is indeed "Educator in Chief for a smart and caring Canada".

The Trustees continue to explore ways to ensure that the Killam program keeps a close eye on its mission to advance Canada's research and scholarship. To that end, we plan to meet annually with the heads of the six Killam institutions to discuss broad strategic themes, while keeping pace with our regular practice of meeting twice yearly with their Killam administrators on organizational issues. As noted in previous reports, our hope is to broaden the Trusts' outlook to include an international perspective. We believe this shift is congruent with Mrs. Killam's vision to "promote sympathetic understanding between Canadians and the peoples of other countries", selecting as Killam Scholars both Canadians and others "from as many different countries as may from time to time be reasonably possible".

We close with heartfelt thanks to the many faculty members and administrators across Canada whose work makes the Killam program possible. Our hope is that you will feel amply rewarded by the lives and work of our superb scholars and researchers who year by year continue to realize Mrs. Killam's dream of building Canada's future through advanced study.

Most of all, we extend best wishes to all Killam laureates, scholars and award winners in Canada and around the world.

John S. Montalbano, CFA

The Hon. Kevin G. Lynch, PC, OC, PhD, LLD

Jim Dinning, LLD

George T.H. Cooper, CM, QC, LLD, Managing Trustee

M. Ann McCaig, CM, AOE, LLD (Trustee from 1993 to 2014)



L – R Bernard F. Miller, QC; George TH Cooper, CM, QC, LLD; The Honourable Kevin Lynch, PC, OC, PhD, LLD; M. Ann McCaig, CM, AOE, LLD, John S. Montalbano, CFA

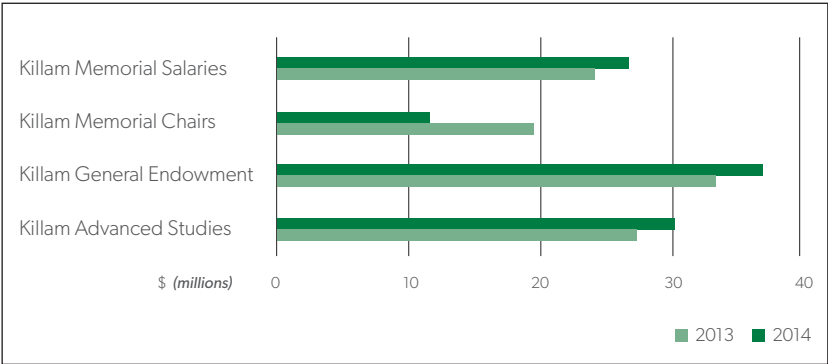


Attached are the reports on the activities of each of the Killam institutions.



University of Alberta

UAlberta Killam Funds – Market Values



Killam Doctoral Award

The Killam doctoral scholarships, tenable for two years, are awarded to the highest ranking scholars at UAlberta. The award is open to all students regardless of citizenship. This year’s Killam laureates work in a variety of fields: **Lauren Bortolotti**, Biological Sciences, is researching biodiversity and ecosystem function relationships in restored prairie wetlands; **Elaine Hyshka**, School of Public Health, studies interventions to reduce problematic substance abuse; and **Daniel Olumi**, Electrical & Computer Engineering, is studying oil reservoir monitoring using UWB radar technologies.

Killam Doctoral Award in Numbers

New Doctoral Award Recipients	15
Renewals	18
Women	18
Men	14
Countries Represented	8
Annual Stipend	\$35,000/year (plus differential fee where applicable)

Killam Postdoctoral Award

Postdoctoral Fellows at UAlberta work in diverse fields such as biological science, human ecology and political science. Understanding that many Postdocs have families, these two year awards also include a benefits package and an assistance program for fellows and their families, allowing the researcher to focus on his/her work during this pivotal career point.

Killam Postdoctoral Award in Numbers

New Postdoctoral Award Recipients	4
Renewals	4
Women	3
Men	5
Countries Represented	4
Annual Stipend	\$46,000/year

The Killam doctoral and postdoctoral fellows compete for a Dorothy J. Killam Prize of \$2,500 based on academic achievement, research proposal, letters of recommendation and leadership qualities. Four Prizes are awarded to Killam doctoral scholars and one goes to a Killam Postdoctoral Fellow.

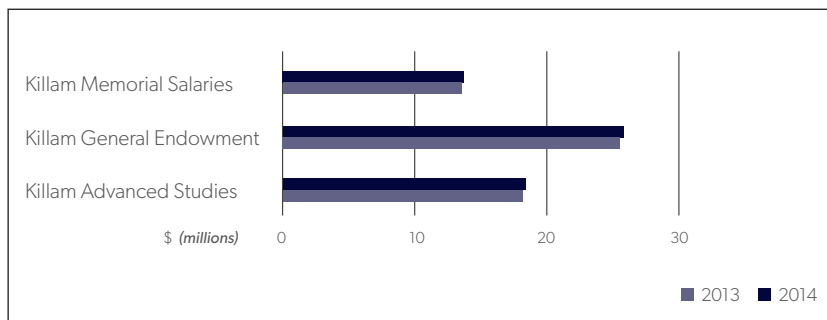
Faculty Awards

Professors at the University of Alberta also benefit from the Killam endowment, with Killam Annual Professorships, Killam Awards for Excellence in Mentoring and Killam Chairs comprising the range of awards open to faculty. The Professorships are based not only on scholarly activities and graduate student supervision, but also on contributions to the community beyond the university. The Excellence in Mentoring award goes to academic staff who have given outstanding support to both graduates and undergraduates. Continuing as Killam Chair at the UAlberta is *Dr. Valeri Frolov* from the Department of Physics. Newly appointed Killam Chair *Dr. Yingfei Yi* joins the Department of Mathematical and Statistical Sciences where he is expected to continue making important contributions in the theory and application of dynamic systems and nonlinear differential equations.

The names of all UAlberta's Killam award winners for 2014 are listed at the end of this Report.

The University of British Columbia

UBC Killam Funds – Market Values



Killam Doctoral Award

The Killam doctoral scholarships, tenable for two years, are UBC's most prestigious merit-based scholarships. The award is open to all students regardless of citizenship. Excellent examples of UBC Killam laureates include *Jeremy Hirota*, medicine, who researches how airborne pollutants, viruses and bacteria are detected by the human lung, which breathes over 10,000 litres of air a day; and *Miriam Matejova*, political science, who focuses on global environmental politics associated with climate change impacts, with an emphasis on energy and environmental security in the Arctic.

Killam doctoral scholars also compete for the Byers Prize, named for the original Killam Managing Trustee Donald Byers. This prize is valued at \$3,000/year.

Killam Doctoral Award in Numbers

New Doctoral Award Recipients	18
Renewals	16
Women	16
Men	18
Countries Represented	9
Annual Stipend	\$32,000/year

Killam Postdoctoral Award

The five new Killam postdoctoral Fellows at UBC contribute to the research communities in forestry, mathematics, zoology, microbiology and geography. Postdocs at UBC and their families also receive health benefits which allows the researcher to focus on his/her work during this pivotal career point.

Killam Postdoctoral Award in Numbers

New Postdoctoral Award Recipients	5
Renewals	7
Women	5
Men	7
Countries Represented	4
Annual Stipend	\$54,000/year

The Killam postdoctoral fellows compete for a Killam Research Prize of \$5,000 in recognition of outstanding research and scholarly contributions while at UBC. Two were awarded in 2014.

Faculty Awards

A variety of Killam faculty awards are available at UBC, such as Killam Professorships, Excellence in Mentoring Awards, Faculty Killam Research Fellowships, Faculty Killam Research Prizes and Killam Teaching Prizes.

“Killam Professor” is a title conferred by the Board of Governors on the recommendation of the President to recognize an exceptional and distinguished member of faculty. *Sherrill Grace*, English is one of the three 2014 Killam professors at UBC.

In order to receive a \$5,000 Excellence in Mentoring Award at UBC, a faculty member must exhibit sustained mentorship of numerous graduate students over many years. One award recognizes faculty in the mid-career category while the second recognizes faculty in the senior category (more than 12 years of university service). *Laurel Schafer* from the Department of Chemistry is the 2014 mid-career winner.

Faculty Killam Research Fellowships are awarded by the Vice President Research & International to tenured faculty members who would like to devote a sabbatical to research and study in their field. Six junior fellows and three senior fellows were awarded this \$18,000 fellowship in 2014.

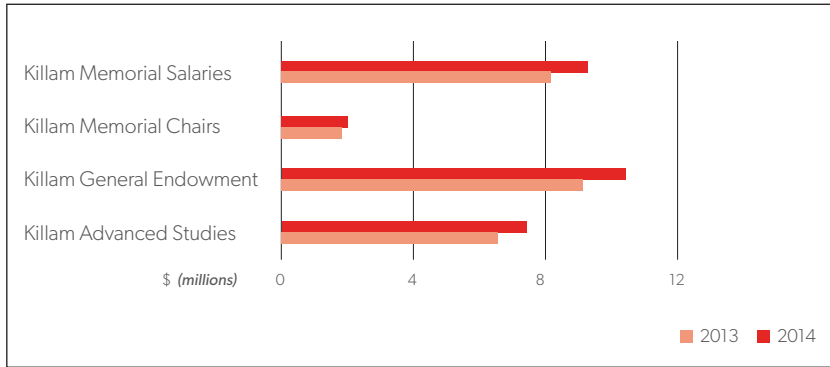
Faculty Killam Research Prizes, also awarded by the VPRI and worth \$5,000 each are awarded for excellence in research to five professors in the humanities and social sciences, and five in the natural, applied and health sciences.

Faculty who have been teaching at UBC for a minimum of three years can be nominated by colleagues, students or alumni to receive a \$5,000 Killam Teaching Prize. There were 23 recipients of this award in 2014.

The names of all UBC's Killam award winners for 2014 are listed at the end of this Report.

The University of Calgary

UCalgary Killam Funds – Market Values



Killam Doctoral Award

The Killam doctoral scholarships are the most prestigious scholarships awarded at UCalgary. This two-year award is worth \$36K per year and is open to all students regardless of citizenship, but students must have completed at least one year of graduate work before start of tenure. You can visit the UCalgary mini site titled “*Killam Recipients in the News*,” to read about scholars like *Adrienne Offenbecker*, a bio archeologist studying human remains, and *Muhammad Khan* who is using discrete geometry to help solve real-life, large scale problems. Killam doctoral scholars at UCalgary compete for the Donald N. Byers Prize, which is awarded to the student with the best statement of program studies and research.

Killam Doctoral Award in Numbers

New Doctoral Award Recipients	17
Renewals	8
Women	15
Men	10
Countries Represented	4
Annual Stipend	\$36,000/year

Killam Postdoctoral Award

Of the 23 applications for a Postdoctoral Fellowship at UCalgary, three were accepted. They join renewal PDF *Dr. Jean-Paul Motta* for a total of four Killam postdoctoral fellows on stipend at UCalgary. *Dr. Geoff Power* came to UCalgary from Western University to work with Calgary Killam Chair *Dr. Walter Herzog* on the effects of adult aging on muscles. *Dr. Christian Reus* completed his PhD at Goethe University, Frankfurt and plans to examine the growing demand for environmentally benign, organic electronic materials. *Dr. Barret Kurylyk* comes to UCalgary from UNB where he completed his PhD in Civil Engineering. His focus will be to examine the impact of climate change on alpine groundwater using mathematical hydrology models. A brief article on the three new Postdocs can be found *here* on the UCalgary website.

Killam Postdoctoral Award in Numbers

New Postdoctoral Award Recipients	4
Renewals	1
Women	0
Men	4
Countries Represented	3

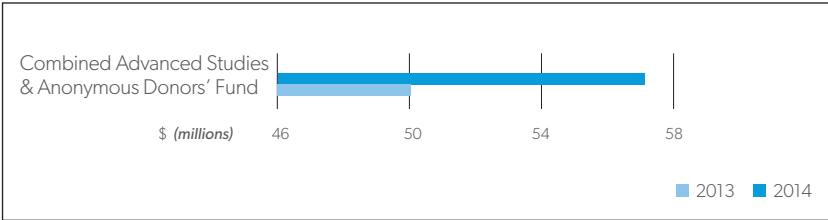
Faculty Awards

UCalgary is the only Killam institution to host a Killam Visiting Scholar, who is nominated by a UCalgary department or faculty to do teaching and research for a full semester on campus. This year's recipient is *Dr. John Mason* who arrived from the Open University, UK for the fall semester. A variety of other faculty awards exist at UCalgary such as the previously mentioned Killam Memorial Chair, Killam Annual Professors and the Killam Research and Teaching Awards. Working in the field of kinesiology, *Dr. Walter Herzog* is in his second five year term as Killam Chair. The Killam Research and Teaching Awards honour outstanding teachers and researchers and are open to all full-time academic staff.

The names of all UCalgary's Killam award winners for 2014 are listed at the end of this Report.

Canada Council for the Arts

Canada Council for the Arts Killam Fund – Market Values



The Canada Council for the Arts adjudicates two Killam awards – the Killam Research Fellowships and the Killam Prizes. These are unique within the Killam portfolio of prizes as they are open to faculty members at all Canadian universities. For complete guidelines on the Canada Council Killam program please click [here](#).

Killam Research Fellowships

Valued at \$70,000/year, the Killam Research Fellowships (KRFs) are awarded to Canada’s leading scholars and researchers in mid-career, giving them two years’ release time from academic and administrative responsibilities to dedicate to research and writing. In 2014 there were 98 applicants from 27 universities, five of whom were chosen as new KRFs. These five join the six renewing KRFs from 2013 for a total of 11 active Killam Research Fellows across Canada.

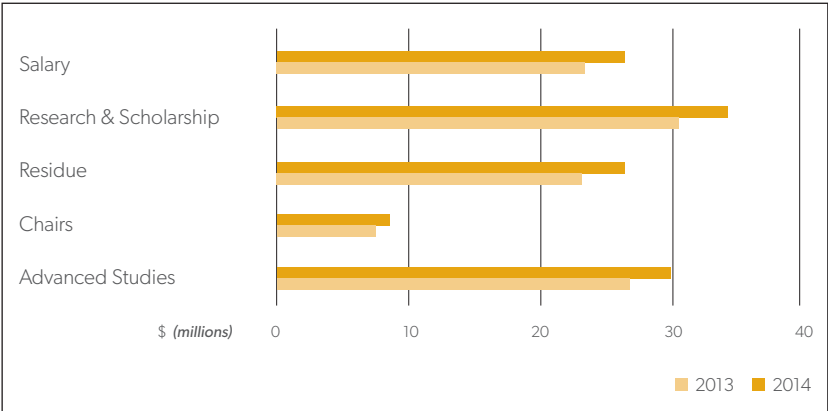
Killam Prizes

The Canada Council Killam Prizes are the pinnacle of career achievement for distinguished Canadian researchers and scholars. There are five categories with one prize for each: natural sciences, engineering, health sciences, humanities and social sciences. Like the KRFs, these prizes are open to Canadian scholars at a recognized Canadian academic institution; unlike the KRF’s, one does not apply for a Killam prize, but rather must be nominated. The Prizes are valued at \$100,000 and for the past four years have been presented at a ceremony at Rideau Hall presided over by His Excellency, the Governor General of Canada. Since 1981 there have been 118 prizes awarded, five this year drawn from 49 nominees.

The names of all Canada Council Killam Prize and KRF winners for 2014 are listed at the end of this report.

Dalhousie University

Dalhousie Killam Funds – Market Values



Killam Doctoral Award

Dalhousie is unique among the “Killam institutions” as it offers Killam awards to both masters and doctoral students. Also unique is the potential to be a Killam laureate for more than four years, instead of the usual two. In 2014, 34 new scholarships were offered to 13 master’s and 21 doctoral students, and 43 scholarships were renewed. These deserving *Dalhousie laureates* come from nine different countries.

Killam Doctoral Award in Numbers

New Doctoral Award Recipients	34
Renewals	43
Women	43
Men	34
Countries Represented	9
Annual Stipend (Master’s)	\$20,000/year
Annual Stipend (PhD)	\$25,000/year (plus tuition and/or differential fees where applicable)

Killam Postdoctoral Award

Dalhousie supports a total of six PDFs, three new and three renewals. These fellowships are open to doctoral students, regardless of nationality, who have completed their doctorate degree within the previous two years.

Killam Postdoctoral Award in Numbers

New Postdoctoral Award Recipients	3
Renewals	3
Women	0
Men	6
Countries Represented	3

Faculty Awards

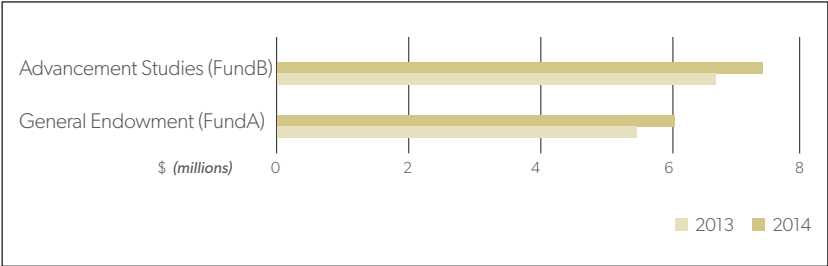
Dalhousie currently supports three Killam Chairs: *Dr. Martin Alda* in Mood Disorders, *Dr. Axel Becke* in Chemistry and *Dr. Michael Ungar* in Social Work. Dr. Becke has just been awarded the Herzberg Medal; last year's winner was another Dalhousian, *Dr. Ford Doolittle*, a Dalhousie Killam Research Professor in 1994.

In addition, the Faculty of Science at Dalhousie offers Killam professorships and prizes. The Prize winner this year was *Dr. Sophia Stone*, Biology, while *Dr. Daniel Ruzzante*, Biology, was named Killam Professor, joining seven continuing Killam professors.

The names of all Dalhousie's Killam award winners for 2014 are listed at the end of this Report.

Montreal Neurological Institute of McGill University

MNI Killam Funds – Market Values



MNI Killam Scholars

In contrast with the other Killam institutions, Killam funding at the MNI supports scientists and clinicians who work at the Montreal Neurological Hospital and typically attract extramural salary and research support. The Killam support ensures that staff are able to dedicate an adequate portion of their time to research. These Killam awards are for five years only – the current group of eight scholars at the MNI began their Killam tenure in 2012 and will continue until 2017. The MNI also boasts one continuing Dorothy J Killam Professor – *Dr. Brenda Milner*, as well as a Killam Chair which currently has an appointment pending.

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



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!
(coming soon to killamlaureates.ca)

Direct your correspondence to:

Sarah Horrocks, Administrative Officer to the Killam Trusts

administrator@killamlaureates.ca or 705.331.0808

KILLAMLAUREATES.CA

As always, we want to hear about your recent accomplishments!
[Click here to update your record and stay connected.](#)

Killam Award Winners 2014

(*DENOTES HONORARY DENOTES AN HONOURARY SCHOLARSHIP. That is to say that the award winner has received external funding and Killam funds will be used to bring the total amount to an equivalent to the Killam award.)

University Of Alberta

Killam Doctoral Scholars

New Scholars

Bortolotti, Lauren; Biological Sciences
Chu, Man-Wai; Educational Psychology
Geary, Janis; Public Health*
Hicks, Deborah; Educational Policy Studies*
Hyshka, Elaine; Public Health*
Jung, Karen; Oncology
Kazemi Bajestani, Seyyed; Oncology*
Maani, Rouzbeh; Computing Science*
Mandal, Sumit; Human Ecology

Massing, Dana; Elementary Education
Mifflin, Katherine; Neuroscience
Oloumi, Daniel; Electrical and Computer Engineering*
Safshekan Esfahani, Roozbeh; Political Science*
Wang, Wei; Laboratory Medicine and Pathology
Yin, Iris; Secondary Education

Renewal Scholars

Abdelmoneim, Ahmed Saied; Pharmaceutical Sciences
Benesch, Matthew; Biochemistry*
Berry, Jane; Music
Chan, Michelle; Psychology*
Churchill, Cassandra; Chemistry*
Geeraert, Kristina; Linguistics
Greenberg, Anastasia; Neuroscience*
Haji Reza, Parsin; Electrical & Computer Engineering*

Harrison, Adam; Electrical & Computer Engineering
Hasenbank, Andrea; English & Film Studies
Islam, Tazul; Civil & Environmental Engineering
Kajner, Tania; Education
MacDonald, Katherine; Sociology*
Miller, Joshua; Biological Sciences*
Saltaji, Humam; Dentistry*
Tucker, Ryan; Electrical & Computer Engineering
Whitten, Tara; Neuroscience

Dorothy J. Killam Memorial Graduate Prize

Bortolotti, Lauren; Biological Sciences
Chu, Man-Wai; Educational Psychology
Hyshka, Elaine; Public Health

Jung, Karen; Oncology

Killam Postdoctoral Fellows**New Fellows**

Bateman, Andrew; Biological Sciences
Lucas, Jon; Political Science

McLuckie, Alan; Philosophy
Richard, Caroline; Agricultural Science

Renewal Fellows

Avgar, Tal; Biological Sciences
Vardhan, Mamta; Sociology

Wang, Faming; Human Ecology
Webb, Amelinda; Earth & Atmospheric Science

Dorothy J. Killam Memorial Postdoctoral Fellow Prize

Richard, Caroline; Agricultural Science

Killam Annual Professors

Al-Hussein, Mohamed; Civil Engineering
Buriak, Jillian; Chemistry
Chang, Scott; Renewable Resources

Haubl, Gerald; Marketing
Lucy, Charles; Chemistry
Zhu, David; Civil Engineering

Killam Chairs

Frolov, Valeri; Physics

Yi, Yingfei; Mathematics

Killam Award for Excellence in Mentoring

Palmer, Richard; Biological Sciences

The University of British Columbia

Killam Doctoral Scholars

New Scholars

Byers, Kaylee; Interdisciplinary Studies*

Chara Serna, Ana; Forestry

Cockett, Archa Rowan; Earth & Ocean Sciences*

Cote-Landry, Maude; Classical, Near Eastern & Religious Studies

Desnoyer, Addison; Chemistry*

Imam, Bitia; Rehabilitation Sciences*

Keefe, Anna; Language & Literacy Education

Matejova, Miriam; Political Sciences*

Stephenson, Ellen; Psychology

Stone, Jeremy; Community & Regional Planning*

Tadaki, Marc; Geography

Therrien, Francis; Electrical & Computer Engineering*

Turri, Mary; School Psychology

Twa, David; Pathology & Laboratory Medicine*

Wang, Xian; History

Wong, Anson; Physics*

Yan, Gary; Mechanical Engineering*

Zhuang, Bo; Electrical & Computer Engineering*

Renewal Scholars

Alger, Justin; Political Science

Becker-Santos, Daiana; Interdisciplinary Oncology*

Bock, Dan; Botany*

Cohen, Dan; Geography*

Couture, Selena; Theatre*

Davis, Jacqueline; Interdisciplinary Studies

Fice, Jason; Kinesiology*

Golubev, Alexey; History*

Haslam, Tegan; Botany*

Keats-Osborn, William; Sociology*

Kolesnik, Brett; Mathematics*

Laguë, Sabine; Zoology*

Nowak, Anja; Central, Eastern, Northern European Studies

Smirl, Jonathan; Interdisciplinary Studies, UBC Okanagan*

VanInsberghe, Michael; Genome Science & Technology*

Weidman, Aaron; Psychology

Killam – Donald N. Byers Prize

Matejova, Miriam; Political Science

Killam Postdoctoral Research Fellows**New Fellows**

Gow, Elizabeth; Biology
Hewitt, Duncan; Mathematics
Sharp, Nathaniel; Biological Sciences*

Vogt, Stefanie; Biological Sciences
Wachsmuth, David; Sociology*

Renewal Fellows

Boyle, Terry; Medicine*
Catungal, John Paul; Sociology*
Franks, Kathryn; Land & Food Systems*
Marshall, Katie; Zoology

Metcalfe, Jessica; Anthropology
Szpak, Paul; Anthropology*
White, Nicholas; Chemistry

Killam Postdoctoral Fellow Research Prizes

Gorges, Matthias; Electrical & Computer
Engineering

Hirota, Jeremy; Medicine

Killam Faculty Research Fellows

Dick, Alexander; English
Donner, Simon; Climatology
Johnson, James; Cellular and Physiological
Sciences
Moss, Laura; English
Peck, Jamie; Geography

Schneider, Thomas; Classical, Near Eastern and
Religious Studies
Schoof, Christian; Earth and Ocean Sciences
Tenzer, Michael; Music
Wilson, Brian; Kinesiology

Killam Faculty Research Prizes

Abolmaesumi, Purang; Electrical and
Computer Engineering
Arneil, Barbara; Political Science
Carpiano, Richard; Sociology
Gilks, Blake; Pathology
Lam, Stephen; Medicine
Marra, Marco; Medical Genetics

Peck, Jamie; Geography
Russell, Paul; Philosophy
Trebbs, Francesco; Economics
Webb, John; Medicine

Killam Awards for Excellence in Mentoring

Schafer, Laurel; Chemistry

Ward, Rabab; Electrical and Computer Engineering

Killam Teaching Prizes

Addison, Chris; Chemistry

Huh, Tim; Business

Assanand, Sunaina; Psychology

Jones, Elizabeth; Social Work

Benedet, Janine; Law

Kozak, Robert; Wood Science

Butler, Joy; Pedagogy

Leander, Brian; Botany

Buxton, Jane; Biological Sciences

Leyton-Brown, Kevin; Computer Science

Carter, Paul; Computer Science

Marmer, Vadim; Economics

Chrostowski, Lukas; Electrical & Computer Engineering

Mason, Barry; Cellular Science

Conibear, Elizabeth; Medical Genetics

Milner-Bolotin, Marina; Education

Feng, Hsi-Yung; Computer Engineering

Mota, Miguel; English

Ghaziani, Amin; Sociology

Taylor, Robert; Music

Gill, Hartej; Education

Weary, Daniel; Land and Food Systems

Wong, Graham; Medicine

Killam Professors

Affleck, Ian; Physics and Astronomy

Hayden, Michael; Centre for Molecular Medicine & Therapies

Grace, Sherrill; English

The University of Calgary

Killam Doctoral Scholars

New Scholars

Bomhof, Marc; Kinesiology*

Britz, Hayley; Medical Science*

Chen, Donna; Civil Engineering

Collins, Kelsey; Biomedical Engineering

Conroy, Leigh; Physics and Astronomy

Cuthbert, Colleen; Nursing*

Ellis, Basia; Psychology*

Farshidi, Amin; Electrical and Computer Engineering*

Hall, Kyle; Chemistry*

Harding, Mark; Political Science*

Hendijani fard, Fatemeh; Electrical and Computer Engineering*

Johnson, Jillian; Psychology*

Khan, Muhammad; Mathematics and Statistics*

Morris, Matthew; Biological Sciences*

Nerlien, Tamara; Sociology*

Offenbecker, Adrienne; Archaeology*

Rash, Josh; Clinical Psychology*

Renewal Scholars

Abdel Rahman, Khaled; Medical & Health Sciences*

Capozzi, Lauren; Kinesiology*

Khu, Melanie; Psychology*

Lewinson, Ryan; Biomedical Engineering*

Lorenzetti, Lisa; Social Work

Pon, Aura; Music*

Saidi, Saeid; Civil Engineering*

Sonpal-Valias, Nilima; Sociology

Killam Postdoctoral Fellows

Kurylyk, Barret; Geoscience

Power, Geoff; Kinesiology

Reus, Christian; Chemistry

Killam Postdoctoral Renewal Fellows

Motta, Jean-Paul; Biological Science

The Donald N. Byers Memorial Killam Prize

Harding, Mark; Political Science

Killam Visiting Scholar

Mason, John; Education

Killam Research and Teaching Awards**Award for Excellence in Teaching**

Keegan, David; Medicine

Graduate Supervision and Mentoring Award

Lachapelle, Gerard; Geomatics Engineering

Undergraduate Mentorship

Kurz, Ebba; Physiology & Pharmacology

Emerging Research Leader Award; CIHR

Emery, Carolyn; Kinesiology

Emerging Research Leader Award; NSERC

Kattan, Lina; Civil Engineering

Emerging Research Leader Award, SSHRC

Kiddle, Amelia; History

Research Excellence Award

Verbeke, Alain; Business

Killam Professors

Lai, Daniel; Social Work
Riabowol, Karl; Medicine

Tieleman, Peter; Science
Voordouw, Gerrit; Science

Killam Chairs

Herzog, Walter; Kinesiology

The Canada Council for the Arts

Killam Research Fellows

New Fellows

Haggerty, Kevin; Sociology – University of Alberta	Smith, Lionel; Law – McGill University
Leclerc, Mario; Chemistry – Université de Laval	Vinctor, Manuella; Physics – Carleton University
	Withers, Stephen; Chemistry - UBC

Renewal Fellows

Greer, Allan Robert; History – McGill University	Quastel, Jeremy; Mathematics – University of Toronto
Kallin, Catherine; Physics – McMaster University	Tagliamonte, Sali; Linguistics – University of Toronto
Lautens, Mark; Chemistry – University of Toronto	
Plant, David; Computer Science – McGill University	

Killam Prize

John, Sajeev; Natural Sciences – University of Toronto	Plummer, Francis; Health Sciences – University of Manitoba
Mandelis, Andreas; Engineering – University of Toronto	Taylor, Fraser; Social Sciences – Carleton University
Miller, James; Humanities – University of Saskatchewan	

Dr. Sajeev John, Natural Sciences, is a pioneering theoretician in photonic band gap materials, which are sometimes called “semiconductors of light.” In fact he has gained an international reputation for his groundbreaking work in the field of light localization that enables light to be controlled at the microscopic level.

Dr. Andreas Mandelis, Engineering, is a leader in the field of diagnostic applications of lasers in applied physics, materials science and biomedical engineering. Thanks to his vision and leadership there have been significant advances in diagnostic instrumentation in the areas of manufacturing, optoelectronics and biomedical imaging.

Dr. J. R. Miller, Humanities, focuses on the history of Canadian indigenous and immigrant peoples over the past four centuries. His work has informed public policy development related to residential schools, treaty rights and Native-newcomer relations.

Dr. Francis Plummer, Health Sciences, has spent a career as a tenacious HIV/AIDS researcher and vaccine crusader. His work tracking the transmission rates of heterosexual women in Kenya lead to the worldwide adoption of effective HIV prevention strategies.

Dr. D. R. Fraser Taylor, Social Sciences, introduced the world to the importance of cybercartography – using multimedia geographic information to create a deeper understanding of socio-economic issues. In Canada he has applied his expertise with Inuit and First Nations communities, while globally he is active in the new UN initiative on geospatial information management.

Dalhousie University

Killam Masters and Doctoral Scholars

New Scholars

Allen, Stephanie; Psychology*
Angelidis, Christine; Biology*
Binder, Carolyn; Oceanography*
Clements, Reed; English*
Costello, Kerry; Biomedical Engineering*
Crooks, Katherine; History*
Dyck, Denae; English*
English, Emmaline; Political Science*
Estey-Burt, Brandi; English*
Falkenham, Alec; Pathology*
Fiander, Maximillian; Pharmacology*
Hall, Steven; Pharmacology*
Heide, Daniel; Classics*
Hirtle, Kala; English*
Huntemann, Svenja; Sociology*
Jollymore-Hughes; Courtney, Math*
Kehayes, Ivy-Lee; Neuroscience*
Lacharite, Myriam; Psychology*
Lee, Christopher; Oceanography*
MacDougall, Daniel; Math*
MacKinlay, Hillary; Physics*
Malone, Mariah; Biomedical Engineering*
Mitton, John; History*
Murray, Robynne; Health Promotion*
Nitoslowski, Sophie; Mechanical Engineering*
Oomen, Rebekah; Chemistry*
Owusu, Mary; Resource & Environmental Studies*
Salas Gonzalez; Daniel, Biology*
Shin, Kyungsoo; History*
Vargas, Antonio; Sociology*
Warford, Jordan; Biochemistry*
Whoriskey, Kim; Obstetrics
Xu, Junwei; Math*
Yang, Shunchuan; Pathology*

Renewal Scholars

Allen, Janice; Earth Science*
Attwood, Kathleen; Biochemistry*
Ballantyne, Emily; English
Beitelman, David; Political Science
Birnie, Kathryn; Psychology*
Boulding, Kaitlyn; Classics
Boys, Brian; Physics
Burt, William; Oceanography
Chinneck, Anne; Psychology
Chuangpishit, Huda; Math & Statistics
Dauphinee, Adrian; Biology*
Dolatabad, Ali Alilooee; Math & Statistics
Dranse, Helen; Pharmacology
Filbee-Dexter, Karen; Biology*
Gebremeskel, Simon; Microbiology
Groves, Brandon; Chemistry*
Harrison, Julia; Neuroscience*
Hilchey, Matthew; Psychology
Jankowska, Magdalena; Computer Science
Jensen, Graham; English*
Jourdeuil, Karyn; Neuroscience*
Laprairie, Robert; Pharmacology*
Levy, Chris; Math & Statistics
Lundrigan, Travis; Chemistry*

MacMichael, Margaret; Resource & Environmental Studies
Magnani, Marucio; Biology*
McMillan, Justine; Oceanography
Migicovsky, Zoe; Biology*
Morgan, David; Political Science*
Munoz Gomez, Sergio Andre; Biochemistry
Nathan, Robert; History
Parsons, David; Physics*
Pearce, Barbara Lee; History*

Rourke, Jillian; Pharmacology
Rubinfeld, Lindsay; Psychology*
Shan, Shiliang; Oceanography
Sharpe, Susan; Biochemistry*
Shehadeh, Shadi Hazzem, Electrical & Computer Engineering
Stewart, Melissa; Psychology
Stockdale, Katie; Philosophy
Sun, Jon-Paul; Physics*
Wertman, Jaime; Pharmacology

Killam Postdoctoral Fellows

New Fellows

Chisholm, Joseph; Psychology
Larsson, Urban; Math

Snow, Andrew; Obstetrics

Renewal Fellows

Bushnell, Eric; Chemistry
Du, Zhijia; Physics

Payette, Gillman; Philosophy

Faculty of Science Killam Professors

Adamo, Shelly; Psychology
Grant, Jonathan; Oceanography
Hay, Alex; Oceanography
Hutchings, Jeff; Biology

Martin, Randall; Physics & Atmospheric Science
Ruzzante, Daniel; Biology
Stradiotto, Mark; Chemistry
Thompson, Alison; Chemistry

Faculty of Science Killam Prize

Stone, Sophia; Biology

Killam Chairs

Alda, Martin; Mood Disorders
Becke, Axel; Chemistry

Ungar, Michael; Social Work

Montreal Neurological Institute

Killam Scholars

Baillet, Sylvain

Brais, Bernard

De Villers-Sidani, Etienne

Ladbon-Bernasconi, Neda

McBride, Heidi

Reader, Andrew

Shmuel, Amir

Tsuda, Hiroshi

Dorothy J. Killam Professor

Milner, Brenda

Killam Chair

Open; appointment pending





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