Annual Report of The Killam Trustees
DECEMBER 2013

Building our future through advanced study.
Notre avenir passe par les études supérieures.
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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 6,000 scholarships and fellowships 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 100 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 a paper boy in Yarmouth, Nova Scotia to becoming 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.
If 2012 was a year of tumultuous change for the Killam Trusts, then 2013 was one of consolidation and steady advance.

On the people front, The Hon. Kevin Lynch, PC, OC, LLD has just completed his first year as our newest Trustee. To the Killam programs at all six Killam institutions – the University of British Columbia, University of Alberta, the University of Calgary, the Montreal Neurological Institute at McGill University, Dalhousie University and the Canada Council for the Arts – Kevin has brought fresh insights, based on his many years as one of Canada’s top civil servants. In that capacity Kevin was a leading participant in the birth and nurture of many of Canada’s scholarship and research programs, including The Canada Foundation for Innovation, The Trudeau, Vanier and Millennium Scholarships, the Canada Research Chairs Program, and of course Canada’s Tri-Council Granting Agencies: the Natural Sciences & Engineering Research Council, the Social Sciences and Humanities Research Council and the Canadian Institutes for Health Research. Kevin’s wealth of knowledge and experience in the public sphere, coupled with his private sector insights as Vice Chair of Bank of Montreal Financial Group, has added greatly to the range of advice and experience that we, the Trustees, are able to offer as we work with the Killam institutions to encourage their scholarship and prize programs to shine even more brightly.

The Killam institutions themselves have undergone three important changes in leadership, with three more to follow this year.

At Dalhousie, Tom Traves stepped down after 18 highly successful years as president. Throughout, Tom paid close attention to all things Killam, at Dal and beyond. It was Tom’s idea to commence our new coast to coast Killam Prize Lecture series, with happy results in its first two years of operations. Izaak Walton Killam – the business and financial genius whose fortune founded what is now a $400 million trust fund devoted to research and scholarship – came from Nova Scotia, and accordingly Dal holds the largest share; seeing to its highest and best use at Dalhousie naturally occupied much of Tom’s time and attention, and for his devotion to Killam we Trustees are deeply grateful.

We warmly welcome Dr. Richard Florizone as Dal’s new President.

At the MNI, Dr. Guy Rouleau assumed the directorship after a robust, worldwide search following the untimely death of Dr. David Colman.

Sadly, as this report goes to press we note the death at age 95 of Dr. Bill Feindel, a much loved former director of the Neuro (1972 to 1984). Bill had remained active and interested in the work of the Institute until just months before his death.

At McGill, the MNI’s “mother ship”, Prof. Suzanne Fortier became Principal and Vice Chancellor after a spectacular 10 years under Dr. Heather Munro-Blum. Heather was a devoted Killam supporter even before coming to McGill when, as Vice President, Research and External Affairs at University of Toronto, she helped the Trustees raise the profile of the Killam Laureates at that vitally important “non-Killam” Canadian centre of research and scholarship. The Trustees are eternally grateful for Heather’s willing and insightful collaboration, and welcome Dr. Fortier, the vibrant former head of NSERC, as McGill’s new leader.

During the coming year, we will experience the announced departure of no less than three other experienced “Killam hands”: Robert Sirman, Director of the Canada Council; Dr. Indira Samarasekera, President of U of A; and Prof. Stephen Toope, President of UBC. All step down after years of strong leadership at their institutions and unstinting support for the Killam program. We Trustees will greatly miss their seasoned counsel.

Last year we reported on the death of Dr. Ruth Goldbloom, OC at age 89. Shortly before her death, her devoted husband Dr. Richard (Dick) Goldbloom, OC began penning his biography, and just before Christmas this year it reached the bookstands. (In producing this work Dr. Goldbloom was greatly assisted by Tia Cooper, wife of our Managing Trustee; Dick calls her “my amanuensis”.) And what a book it is! For Richard Goldbloom, an internationally renowned medical practitioner and scholar, possesses a fine writing style liberally laced with side-splitting wit. Filled with stories and anecdotes about Dick’s long tenure as Chief of Pediatrics at the Izaak Walton Killam Hospital for Children in Halifax, the book is a treasure trove of lore about the great financier whose fortune now serves the ends of both medicine and higher education. It recounts Dick’s connection with Mr. Killam’s wife, Dorothy Johnston Killam, whose death gave life through her Will to the Killam program across Canada and whose gift to the Halifax
Other questions we are asking ourselves are whether Killam Scholars might even be required to spend a semester abroad. Indeed, given Canada’s somewhat parochial provincial (as opposed to national) focus on higher education, could matters be advanced by encouraging our five Killam universities to select as their Canadian Killam Scholars only candidates from another Province? These and other ideas are all food for thought!

Readers of this Report will be aware that we have a new Killam logo. Its shape suggests a globe, and thus projects the expanded international theme we hope to bring to the Killam program. The colours, however, tie the logo back to our six Killam institutions: gold for Dalhousie, ivory for the MNI, green for the U of A, red for U of C and dark blue for UBC. The light blue “underweave” represents the Canada Council. All six have embraced the new branding enthusiastically, and all are likewise adopting a uniform Killam style guide. At the same time, the logo is entirely compatible with each institution’s own branding, and the style guide will provide for this. Many thanks to National Public Relations for helping us with this project, and thanks also to our six Killam partners for their willing collaboration throughout!

Another project under review is the formation of a Killam alumni network. Experience at many universities shows that many alumni who have come together through the Internet feel a strengthening of their common bond, which becomes deeper as the years go by. Alumni websites are indeed the modern way to build a community; but the fact is that alumni seem not to be much interested in generic information about their alma mater. Rather, they want to connect with people who hold similar personal interests as their own – professional contacts, career opportunities, recreational adventures, vacation homes and the like. With this in mind, we are setting up a Killam alumni website, and will experiment with various sub-sets of activities and interests. We hope that within a couple of years or so a critical mass of Killam alumni will unfold, which then might seek to come together for a Killam meeting – a conference, seminar or lecture. Again, this is just something we are thinking about, and we are looking for suggestions from all Killam Laureates past and present.

Speaking of things international, the Trustees have become persuaded that our Killam programs should begin to look more outward than in past. Mrs. Killam gave ample warrant for this in her Will; her stated purpose in establishing the Killam Trusts was not only to build up research and scholarship in Canada, but to “promote sympathetic understanding between Canadians and the peoples of other countries”. As further proof of her intent, she stipulated that non-Canadians “chosen from as many different countries as may from time to time be reasonably possible” should be eligible for Killam Scholarships, a particularly wide and forward looking vision for the 1960’s. (She also stipulated, in a quaint phrase that was also a sign of the times that countries from which scholars are chosen should be “diplomatically sound”.) And finally, she said that Canadian Killam Scholars could pursue their studies outside Canada, though non-Canadians were required to do their work here.

So, how should the international aspect of Mrs. Killam’s vision find expression today? The Governor General, The Rt. Hon. David Johnston – incidentally former head of a Killam institution (McGill) and inaugural lecturer in our 18 year Killam Lecture Series (1995-2012) – has established a committee of senior Canadian academic administrators (including our Managing Trustee) to examine how we in Canada can project more of our leading scholars onto the world stage. By so doing, the hope is that they can win more international prizes and thus shine a brighter light on Canadian scholarships and research. In line with His Excellency’s thinking, the Trustees are working with the Killam institutions to develop some kind of Killam international award or other form of recognition. By so doing, we will place the Killam Awards into direct competition with the best the world has to offer, and thus enhance the value and prestige of the Killam program, to the lasting benefit of our Killam Laureates.

Children’s Hospital gave it national leadership in pediatric medicine and research. The Trustees cannot help but note that books such as these help immeasurably to put real flesh on the bare bones of the saga of Canada, a nation that punches far above its weight class, but whose exploits are not well enough known at home, let alone internationally, through failure to toot our own horn. Let Dick’s book – already a “best seller” – serve as a model for our leading citizens to emulate.
The Killam vision, as stated in the extract from Mrs. Killam’s Will at the beginning of this Annual Report, has been amply achieved. Over 6,500 Killam Scholarships and Prizes have been awarded to date, and many top scholars from other countries have come to Canada to study and, in many cases, to make their lives here.

Yet, as important as the Killam Trusts have been for Canada since they started in 1965, they will even more important in the years ahead. For all around the world there is intense competition for talent. It is our goal that the Killam Trusts and the Killam Laureates will do their part in helping Canada win that competition, by building a skilled and knowledgeable workforce, and by attracting “the brightest and the best” to our shores.

We close this “general part” of our report with a tip of the hat to Sarah Horrocks, our Administrative Officer. Sarah moved with her family from Halifax – the centre of our Killam administrative activities and the province of Mr. and Mrs. Killam’s domicile – to Ontario in 2012; but through the magic of electronic communications, the transition has been seamless. Thank you Sarah!

We turn now to report on the activities of each of our Killam institutions in turn.
University of Alberta

There was a slight increase in the market value of the endowment at the U of A in 2013 to $95.6 Million, which is a positive indicator for future growth.

The U of A’s selection committee, made up of senior faculty, reviewed an astounding 256 applications for three sets of doctoral awards, including the Killam scholarships. Of these, six were selected to receive full value Killam scholarships, while 16 received partial Killam funding. (These 16 have received other external awards, and in such cases the Killam funds are used to “top up” the external award to bring it up to equal the value of the Killam award.) The 22 new scholars joined the 17 renewal scholars from 2012, bringing the total number of U of A doctoral scholars to 39. As the scholarship is open to citizens of all countries, there are Killam doctoral scholars studying at the U of A from as far away as Bangladesh and Nicaragua, and as nearby as Edmonton and Sherwood Park, Alberta.

The Killam Postdoctoral fellowship committee is adjudicated by an Associate VP Research, and this year the committee saw 53 applications. Four new Killam Fellowships were awarded, and five from 2012 are being renewed (two of these honourary), making a total of nine Killam Postdoctoral Fellows being supported at the U of A this year. These fellowships are granted for two years and include a stipend of $46,000, a one-time research allowance of $4,000, and a benefits package for Fellows and their families.

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 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 for faculty.

For 2013, seven outstanding academics were recognized as Killam Annual Professors, receiving $3,500 in recognition of their distinguished careers. These appointments are based on scholarly activities including teaching and graduate student supervision, but also take into account contributions to the community beyond the university.

The Excellence in Mentoring Award recognizes academic staff who have demonstrated outstanding performance with undergraduate, graduate and visiting scholars. There was one award winner for 2013.

There are two continuing Killam Chairs at the University of Alberta, Drs. Valeri Frolov and David Schindler, who are proud representatives of the Killam name on the U of A campus.

All of these Killam award winners were celebrated at a luncheon in the fall of 2013, which not only allows Killam scholars to meet one another but also gives them the opportunity to meet and chat with the Killam Trustees. The U of A publicizes the Killam name by inviting off campus luminaries to share in this celebration and to hear about the Killam supported research being carried out on campus.

*The names of all the U of A’s Killam award winners for 2013 are listed at the end of this Report.*
The Canada Council for the Arts

The Canada Council for the Arts continues to do an outstanding job adjudicating the Killam Prizes and Killam Research Fellowships. Killam Prizes are given in recognition of lifetime achievement to leading scholars nominated from across Canada in the fields of Health Sciences, Natural Sciences, Engineering, Social Sciences and the Humanities. For 2013 the winners were:

Lorne Babiuk, University of Alberta, Health Sciences:

Lorne Babiuk is a world leader in the area of vaccinology. One of the numerous vaccines that he developed laid the foundation for a rotavirus vaccine for children. Before vaccination, over 500,000 children died each year from rotavirus. His vaccine saves the cattle industry in North America $300 million a year. He is a global authority on infectious diseases, virology, immunology and vaccine delivery. He has founded an internationally recognized research institute, the Vaccine and Infectious Disease Organization (VIDO), and more recently a $140 million dollar bio-containment facility which is the only one of its kind in Canada. He continues to contribute to the advancement of the health of humans and animals. In addition to being Vice-President (Research) at the University of Alberta, Dr. Babiuk serves on numerous committees, helping to set science policy in Canada and around the world.

John McGarry, Queen’s University, Social Sciences:

John McGarry is universally recognized as one of the world’s top authorities on power-sharing, federalism, and conflict resolution. He has played an important role in shaping Northern Ireland’s successful peace process, particularly in the crucial area of policing reform. His co-authored book Explaining Northern Ireland is widely seen as the most influential work on the subject over the past two decades. In 2008, he was appointed as the first ever Senior Advisor on Power-Sharing to the United Nations (Mediation Support Unit), and he is currently the main advisor on governance in the UN-led negotiations in Cyprus. Dr. McGarry is currently writing a book on power-sharing theory, and supports the development of a more integrated approach to conflict resolution by encouraging interaction between specialists in different areas such as disarmament, economic reconstruction and the proper treatment of refugees. This research is aimed at influencing the UN’s work in the field.

Witold Pedrycz, University of Alberta, Engineering:

Computational Intelligence, a comprehensive framework for analysis and design of human-centric intelligent systems, is Dr. Witold Pedrycz’s area of specialization. He is a widely recognized world leader in this field and has made a number of pioneering and influential contributions. He has developed fundamental concepts and algorithmic foundations in the disciplines forming the essence of Computational Intelligence. These include neurocomputing, which provides a wealth of learning mechanisms, and “fuzzy sets”, which support human-like reasoning by processing linguistic information. The goal of his research activities at the U of A is to develop hybrid intelligent systems that exhibit different levels of learning and are capable of taking the factor of uncertainty (information granularity) into account.

Richard Peltier, University of Toronto, Natural Sciences:

Physicist Richard Peltier is a pioneer in the establishment of the field of Earth System Science, a revolution in Earth Science built on the premise that the Earth and its climate are understandable only through cross-disciplinary research. Over the course of his career, he has attacked a wide range of interrelated issues in the areas of atmospheric and oceanic waves and turbulence, geophysical fluid dynamics, physics of the planetary interior, and planetary climate. Dr. Peltier is listed by Science Watch as one of the most highly cited Earth Scientists internationally. He is director of the Centre for Global Change Science, principal investigator of the Polar Climate Stability Network, and the Scientific Director of Canada’s largest supercomputer centre, SciNet.

Paul Thagard, University of Waterloo, Humanities:

One of the most influential cognitive scientists in Canada, philosopher Paul Thagard is among the top researchers worldwide in building theories of thinking. He has been crossing the divide between the humanities and sciences for over 30 years, linking fundamental philosophical issues to scientific questions about the nature of the mind and brain. Dr. Thagard pioneered the philosophical use of computer models to help understand the structure and growth of scientific knowledge. A prolific writer, he has contributed to research in analogy and creativity, cognition in the history of science, and the role of emotion in thinking. He has investigated the relevance of psychology and neuroscience for ethical questions about morality and the meaning of life. His research has yielded 10 books and some 200 scholarly articles, many highly cited. He is currently working on new theories of emotion, intention, and consciousness.

The Canada Council’s Killam Selection committee also adjudicated the Killam Research Fellowships which provide two years release time for research or writing. In 2013, some 78 applications from 31 Canadian universities and institutions were considered, and six scholars were selected. These six join the seven renewals from 2012 for a total of 13 Killam Research Fellowship holders in 2013.

The full list of all of the Canada Council award winners can be found at the back of this Report.
Montreal Neurological Institute of McGill University

This year marked the start of the appointment of Dr. Guy Rouleau as Director of the Montreal Neurological Institute and Hospital, effective January 1, 2013. Dr. Rouleau, who came to the Neuro from the Université de Montréal, holds the Wilder Penfield Chair in Neurosciences as Professor of Neurology and Neurosurgery at McGill.

At the MNI a total of eight Killam scholars are supported by the Killam endowment. These scholars hold their Killam appointments for five years, from 2012 to 2017.

The Neuro continues its weekly Killam Research Seminar series in Neuroscience, which this year brought 27 leading scientists and clinicians from across North America and Europe to MNI. The Dorothy J. Killam Lecture, established in 2004 to recognize the achievements of women in academia and science, also continued in 2013 with Dr. Carla Shatz’s visit from Stanford University.

While the Izaak Walton Killam Chair held by the late Dr. George Karpati remains open, the Neuro is always pleased to announce that Brenda Milner, PhD continues as the Dorothy J Killam Professor, having conducted pioneering studies at the Neuro for some 60 years. Dr. Milner remains very active in her research.

*The names of all of the Neuro’s award winners can be found at the end of this Report.*
As always, we want to hear about your recent accomplishments! Have you moved? Received a new Killam award? Update your record and stay connected.

First Name: __________________________ Last Name: __________________________

Former Name: __________________________________________________________

Killam Award: __________________________________ Year: ______

Street Address: __________________________________________________________

City: __________________________ Province: __________________________

Email: __________________________

url: __________________________

Would you like to receive Killam notifications to this email? __________________________

Other news to share?: ______________________________________________________

________________________________________________________

________________________________________________________

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
Killam Trustee the Hon. Kevin G. Lynch, PC, OC, PHD, LLD, was delighted to speak to members of the Graduate Leaders’ Circle at the U of C this fall. Founded in 2011 to provide leadership opportunities to Killam and Vanier scholars on campus, the Graduate Leaders Circle is a wonderful outlet for Killam scholars at the U of C.

This year the U of C saw 53 applications to the Izaak Walton Killam Memorial scholarships at the doctoral level, valued at $36,000 plus an annual $3,000 research allowance. Of those, nine new scholars were selected to join the 16 renewing scholars from 2012.

One new Postdoctoral Fellow was appointed in 2013 to join the renewal postdoctoral fellow from 2012. Dr. Jean-Paul Motta, who completed his PhD at the University of Toulouse, France, will spend the next two years at the U of C, further strengthening the university’s world ranking in Inflammatory Bowel Disease (IBD) research. The U of C currently ranks fifth in the world in this area of research.

At the faculty level the U of C offers Killam Professorships, Killam Research and Teaching Prizes, Killam Visiting Scholars, as well as Killam Chairs.

There were ten nominations in the Professorship category, five of which were selected to receive the $10,000 prize. Five new Killam Research and Teaching Prizes were awarded; recipients received a $5,000 prize. Unfortunately the Visiting Scholar selected for the 2013 session was unable to come at the last minute, leaving this position vacant.

Dr. Walter Herzog happily continues as Killam Memorial Chair at the U of C where he is in his third year of a five-year term.

The names of all Killam award winners at the University of Calgary and their disciplines can be found at the end of this Report.
There are seven distinct programs supported by the Killam endowment at Dalhousie University, both at the student as well as at the faculty level. Dalhousie continues to be the only “Killam” university to offer “pre-doctoral” scholarships to Masters level students, in addition to doctoral level scholarships for top PhD candidates. In 2013 there were 28 new scholarships offered, seven at the Masters level and 21 to doctoral candidates. These 28 joined the 39 renewal scholars for a total of 67 Killam scholars, 30 of whom hold major external awards. It should be noted that all Killam PhD scholars starting their programs at Dalhousie are also eligible for the President’s Award, which covers tuition.

Postdoctoral fellows are welcomed from any discipline or nationality, and this year Dalhousie awarded two new Killam Postdoctoral Fellows and renewed four from the previous year.

Dalhousie is one of three institutions, along with the University of Calgary and the University of Alberta, to receive funding for Killam Chairs. At Dalhousie there are three Chairs continuing their terms and their research.

The Faculty of Science offers Killam Professorships and Prizes. The Professorships recognize the scientific contributions of the Faculty of Science’s most outstanding scientists. The five-year Professorships are funded from the Killam Salary Fund at Dal, and winners also receive a prize of $2,000 per year over the five-year term. This year there are eight renewing professors and one new appointment.

The Faculty of Science Killam Prize is awarded annually to enhance the career of a promising scientist who has obtained his/her doctorate within the past eleven years. The 2013 Faculty of Science Killam Prize recipient is Sean Barrett from the Department of Psychology.

Faculty at UBC can also apply for Killam Fellowships and awards such as the Killam Awards for Excellence in Mentoring (of which there were three in 2013), the Killam Faculty Research Fellowships (10 in 2013), Killam Faculty Research Prizes (9 in 2013), and Killam Teaching Prizes (23 in 2013).

The names of all UBC award winners can be found at the back of this Report.

The University of British Columbia

The Killam Doctoral Scholarships are UBC’s most prestigious merit-based scholarships, providing two years of support with an annual stipend of $30,000 and a $2,000 travel and research allowance over the tenure of the scholarship. For 2013, 16 new appointments were made (12 honourary) and 19 were renewed (15 honourary) for a total of 35 Killam doctoral scholars now on stipend at UBC.

The Byers Prize, named for the original Killam Managing Trustee Donald N. Byers, is awarded to the highest ranking Killam Doctoral scholar in the annual Affiliated Fellowship competition. There was one award in this category for 2013.

The Postdoctoral Fellowship criteria were slightly revised to reaffirm the eligibility window for those who have had career delays or interruptions. All applicants must have completed their PhD no more than 24 months prior to the anticipated fellowship start date, and the period of eligibility may be extended for those applicants who have had their career interrupted for specific delays. Fellowships offer an annual stipend of $50,000 for two years plus $4,000 in research allowance in addition to health benefits. There were six new Killam Postdoctoral Fellows named at UBC this year, joining the three renewals from 2012.

UBC Postdocs compete for the Killam Postdoctoral Fellow Research Prize, given in recognition of outstanding research and scholarly contributions while at UBC. In 2013 two such prizes were awarded.

Faculty at UBC also apply for Killam Fellowships and awards such as the Killam Awards for Excellence in Mentoring (of which there were three in 2013), the Killam Faculty Research Fellowships (10 in 2013), Killam Faculty Research Prizes (9 in 2013), and Killam Teaching Prizes (23 in 2013).

The names of all UBC award winners can be found at the back of this Report.

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The names of all UBC award winners can be found at the back of this Report.
We close this report by expressing our deep appreciation to all the faculty and staff at our six Killam institutions who work so hard, day after day, to make the Killam program such a success. Observing this effort first hand constantly energizes and uplifts the Trustees, reminding them each year of Canada’s growing strength and competitiveness in the world of academic research and scholarship. For this we are most grateful.

The Killam Trustees extend to the whole “Killam family of Scholars” all good wishes for 2014.

M. Ann McCaig, CM, AOE, LLD, Chancellor Emeritus, The University of Calgary

John S. Montalbano, CFA

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

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

The Trustees of the Killam Trusts
Halifax, Nova Scotia
December, 2013

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**University Of Alberta**

**Killam Doctoral Scholars**

**New Scholars**

- Abdelmoneim, Ahmed Saied; Pharmaceutical Sciences
- Benesch, Matthew; Biochemistry*
- Berry, Jane; Music*
- Chan, Michelle; Psychology*
- Chouinard, Brea; Rehabilitation Medicine
- Churchill, Cassandra; Chemistry*
- Diamanti, Jeff; English & Film Studies*
- Gala Lopez, Boris; Surgery
- Geeraert, Kristina; Linguistics*
- Greenberg, Anastasia; Neuroscience*
- Haji Reza, Parsin; Electrical & Computer Engineering*

**Renewal Scholars**

- Aruma Baduge, Gayan; Electrical & Computer Engineering*
- Auger-Methe, Marie; Biological Sciences*
- Carlson, Adam; English & Film Studies*
- Chenard, Carolyn; Resource Economics & Environmental Sociology*
- Dasog, Mita; Chemistry*
- He, Jinwei; Electrical & Computer Engineering
- Klutsch, Jennifer; Renewable Resources*
- Kristensen, Todd; Anthropology*

**Dorothy J. Killam Memorial Graduate Prize**

- Benesch, Matthew; Biochemistry
- Churchill, Cassandra; Chemistry

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*DETONES HONORARY RECIPIENTS OF AN IZAAK WALTON KILLAM MEMORIAL SCHOLARSHIP
**Killam Postdoctoral Fellows**

**New Fellows**
- Avgar, Tai; Biological Sciences
- Vardhan, Mamta; Sociology

**Renewal Fellows**
- Brysse, Keynyn; Interdisciplinary Studies
- Bueno Gonzalez, C. Guillermo; Biological Sciences

*DENOTES HONORARY RECIPIENTS OF AN IZAAK WALTON KILLAM MEMORIAL SCHOLARSHIP*

**Killam Annual Professors**
- Abu-Laban, Yasmeen; Political Science
- Gamal El-Din, Mohamed; Civil & Environmental Engineering
- Hall, Dennis; Chemistry
- He, Fangliang; Renewable Resources

**Killam Chairs**
- Frolov, Valeri; Physics
- Schindler, David; Biological Sciences

**Killam Award for Excellence in Mentoring**
- Harrison, Jed; Chemistry

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**The University of British Columbia**

**Killam Doctoral Scholars**

**New 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

**Renewal Scholars**
- Atkins, Chad; Chemistry
- Bennett, Erica; Kinesiology
- Campbell, Christopher; Curriculum & Pedagogy
- Chang, Sabrina; Interdisciplinary Studies
- Collier, Christopher; Electrical & Computer Engineering, UBC Okanagan
- Cragg, Jacquesyn; School of Population & Public Health
- Denil, Misha; Computer Science
- Fan, Xuelai (Shelly); Neuroscience
- Gardiner, Chelsea; Classical, Near Eastern & Religious Studies
- Poon, Jessica; Art History, Visual Art & Theory
- Rabideau, Charles; Physics & Astronomy
- Truant, Tracy; Nursing
- Victor, Sarah; Psychology
- Webber, Sophie; Geography
- Xu, Sheng-Jun; Sauder School of Business

**Killam – Donald N. Byers Prize**
- Bock, Dan; Botany

*DENOTES HONORARY RECIPIENTS OF AN IZAAK WALTON KILLAM MEMORIAL SCHOLARSHIP*
### Killam Postdoctoral Research Fellows

**New Fellows**

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<tr>
<th>Name</th>
<th>Field</th>
<th>Department</th>
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<tbody>
<tr>
<td>Boyle, Terry</td>
<td>Medicine*</td>
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<tr>
<td>Catungal, John Paul</td>
<td>Sociology*</td>
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<tr>
<td>Franks, Kathyn</td>
<td>Land &amp; Food Systems*</td>
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<tr>
<td>Marshall, Katie</td>
<td>Zoology</td>
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<tr>
<td>Metcalfe, Jessica</td>
<td>Anthropology</td>
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<tr>
<td>Solan, Grayden</td>
<td>Psychology*</td>
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**Renewal Fellows**

<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
<th>Department</th>
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<tbody>
<tr>
<td>White, Nicholas</td>
<td>Chemistry</td>
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<tr>
<td>Crohan, Jeff</td>
<td>Microbiology &amp; Immunology*</td>
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### Killam Postdoctoral Fellow Research Prizes

<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
<th>Department</th>
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<tbody>
<tr>
<td>Karlen, Walter</td>
<td>Electrical &amp; Computer Engineering</td>
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<tr>
<td>Whitlock, John</td>
<td>Dentistry</td>
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### Killam Faculty Research Fellows

<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
<th>Department</th>
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<tbody>
<tr>
<td>Chen, Jiahua</td>
<td>Statistics</td>
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<tr>
<td>Conati, Cristina</td>
<td>Computer Science</td>
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<tr>
<td>Floresco, Stan</td>
<td>Psychology</td>
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<tr>
<td>Ford, Cristie</td>
<td>Law</td>
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<tr>
<td>Francois, Roger</td>
<td>Earth, Ocean &amp; Atmospheric Sciences</td>
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### Killam Faculty Research Prizes

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<tr>
<th>Name</th>
<th>Field</th>
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<tbody>
<tr>
<td>Alden, Lynn</td>
<td>Psychology</td>
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<tr>
<td>Aparicio, Samuel</td>
<td>Pathology &amp; Laboratory Medicine</td>
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<tr>
<td>Nielsen, Torsten</td>
<td>Pathology &amp; Laboratory Medicine</td>
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<td>Pai, Dinesh</td>
<td>Computer Science</td>
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<tr>
<td>Roeder, John</td>
<td>Music</td>
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### Killam Awards for Excellence in Mentoring

<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
<th>Department</th>
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<tbody>
<tr>
<td>Schafer, Laurel</td>
<td>Chemistry</td>
<td>Ward, Rabab; Electrical &amp; Computer Engineering</td>
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### Killam Teaching Prizes

<table>
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<tr>
<th>Name</th>
<th>Field</th>
<th>Department</th>
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<tbody>
<tr>
<td>Adebar, Perry</td>
<td>Civil Engineering</td>
<td>Moss; Laura; English</td>
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<tr>
<td>Boschma, Geertje</td>
<td>Nursing</td>
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<tr>
<td>Burk, Stefania</td>
<td>Asian Studies</td>
<td>Nicholl, Tessa; Pharmaceutical Sciences</td>
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<tr>
<td>Cameron, Max</td>
<td>Political Science</td>
<td>Nicolau, Savvas; Radiology</td>
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<tr>
<td>Fox, Joanne</td>
<td>Microbiology</td>
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<tr>
<td>Ghioca, Dragos</td>
<td>Mathematics</td>
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<td>Hallam, Steven</td>
<td>Microbiology</td>
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<tr>
<td>Hanser, Amy</td>
<td>Sociology</td>
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<tr>
<td>Kendrick, Maureen</td>
<td>Language &amp; Literacy Education</td>
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<td>Koehoorn, Mieke</td>
<td>Public Health</td>
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<tr>
<td>Mathew, Ian</td>
<td>Dentistry</td>
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<tr>
<td>Milne, Tamar</td>
<td>Sauder School of Business</td>
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### Killam Professors

<table>
<thead>
<tr>
<th>Name</th>
<th>Field</th>
<th>Department</th>
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<tbody>
<tr>
<td>Affleck, Ian</td>
<td>Physics &amp; Astronomy</td>
<td>Hayden, Michael; Centre for Molecular Medicine &amp; Therapeutics</td>
</tr>
<tr>
<td>Grace, Sherrill</td>
<td>English</td>
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</tbody>
</table>

*DENOTES HONORARY RECIPIENTS OF AN IZAAK WALTON KILLAM MEMORIAL SCHOLARSHIP*
The University of Calgary

Killam Doctoral Scholars

New Scholars
Abdel Rahman, Khaled; Medical & Health Sciences*
Capozzi, Lauren; Kinesiology*
Huff, Mark; Psychology*
Khu, Melanie; Psychology*
Lewinson, Ryan; Biomedical Engineering*
Lorenzetti, Lisa; Social Work*
Pon, Aura; Music*
Saidi, Saeid; Civil Engineering*
Sonpal-Valias, Nilima; Sociology*

Renewal Scholars
Amundsen-Mayer, Lindsay; Archaeology*
Bardick, Angela; Applied Psychology*
Chow, Jacky; Geomatics Engineering*
Eastwood, Catherine; Nursing
Ference, Jennifer; Clinical Psychology*
Forde, Taya; Veterinary Medicine
Hargreaves, Ian; Psychology*
Hughes, Curtis; Biochemistry*
Nader Esfahani, Ali; Music
Osievsky, Oleksiy; Haskayne School of Business
Pool, Sandy; English
Razaei Nazifi, Saeed; Electrical & Computer Engineering
Roy, Amrita; Community Health Sciences*
Snow, Dave; Political Science
Tanaka, Kohei; Geoscience*
Thille, Patricia; Sociology

Killam Postdoctoral Fellows
Motta, Jean Paul; Medical & Health Science

The Donald N. Byers Memorial Killam Prize
Saïdi, Saeid; Civil Engineering

Killam Visiting Scholar
Position Vacant

Killam Research and Teaching Awards

Award for Leadership in Teaching
Graham, Cindy; Faculty of Science

Innovation in Teaching Award
Gates, Ian; Schulich School of Engineering

Emerging Research Leader Award
Kaplan, Gil; Faculty of Medicine

Graduate Supervision and Mentoring Award
Nigg, Benno; Kinesiology

Research Leader Award
Hemmelgarn, Brenda; Faculty of Medicine

Interdisciplinary Research Prize
Position Vacant

Killam Professors
Ferris, John; History
Ghali, William; Medicine
Lees-Miller, Susan; Medicine
Oxoby, Robert; Economics
Sharkey, Keith; Medicine

Killam Chairs
Herzog, Walter; Kinesiology

*DENOTES HONORARY RECIPIENTS OF AN IZAAK WALTON KILLAM MEMORIAL SCHOLARSHIP
# The Canada Council for the Arts

## Killam Research Fellows
### New Fellows
- Greer, Allan Robert; History – McGill University
- Kallin, Catherine; Physics – McMaster University
- Lautens, Mark; Chemistry – University of Toronto

### Renewal Fellows
- Chapman, Colin; Social Sciences – McGill University
- Gingras, Michel; Natural Sciences – University of Waterloo
- Hirschl, Ran; Political Sciences – University of Toronto
- Kashyap, Raman; Electrical Engineering – École Polytechnique de Montréal

## Killam Prize
- Babiuk, Lorne, University of Alberta; Health Sciences
- McGarry, John, Queen’s University; Social Sciences
- Pedrycz, Witold, University of Alberta; Engineering

- Plant, David; Computer Science – McGill University
- Quastel, Jeremy; Mathematics – University of Toronto
- Tagliamonte, Sali; Linguistics – University of Toronto
- Lewis, Mark; Natural Sciences – University of Alberta
- Rowe, Kerry; Civil Engineering – Queen’s University
- Wang, Suning; Natural Sciences – Queen’s University

- Peltier, Richard, University of Toronto; Natural Sciences
- Thagain, Paul, University of Waterloo; Humanities

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*DENOTES HONORARY RECIPIENTS OF AN IZAAK WALTON KILLAM MEMORIAL SCHOLARSHIP*

# Dalhousie University

## Killam Masters and Doctoral Scholars
### New Scholars
- Attwood, Kathleen; Biochemistry*
- Ballantyne, Emily; English
- Beitelman, David; Political Science
- Boulding, Kaitlyn; Classics*
- Burt, William; Oceanography
- Chinneck, Anne; Psychology*
- Dauphinee, Adrian; Biology*
- Dolatabad, Ali Alilooee; Math & Statistics
- Gebremeskel, Simon; Microbiology*
- Groves, Brandon; Chemistry
- Harrison, Julia; Neuroscience*
- Hassal, Cameron; Psychology*
- Hebert, Alisa; Psychology*
- Jankowska, Magdalena; Computer Science
- Jensen, Graham; English*

- Levy, Chris; Math & Statistics
- MacMichael, Margaret, Resource & Environmental Studies*
- Migicovsky, Zoe; Biology*
- Morgan, David; Political Science*
- Munoz Gomez, Sergio Andre; Biochemistry
- Nathan, Robert; History
- Parsons, David; Physics
- Rubinfeld, Linsday; Psychology
- Sharpe, Susan; Biochemistry*
- Stewart, Melissa; Psychology
- Stackdale, Katie; Philosophy
- Sun, Jon-Paul; Physics*
- Wertman, Jaime; Pharmacology*

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*DENOTES HONORARY RECIPIENTS OF AN IZAAK WALTON KILLAM MEMORIAL SCHOLARSHIP*
Renewal Scholars
Allen, Janice; Earth Sciences*
Birnie, Kathryn; Psychology
Boys, Brian; Physics
Braschi, Lea; Earth Sciences*
Brown, Aidan; Physics*
Chuangpishit, Huda; Math & Statistics
Connon, Emma; Math & Statistics
Cowper-Smith, Christopher; Psychology
Doan, Michael; Philosophy
Dranse, Helen; Pharmacology*
Engler Palma, Maria Cecilia; Law*
Everist, Michelle; Chemistry
Filbee-Dexter, Karen; Biology*
Gillies, Kelsie; Pharmacology
Hatfield, Gillian; Biomedical Engineering
Higgins, Kristen; Psychology
Hilchey, Matthew; Psychology*
Jabalee, James; Anatomy
Jason, Timothy; IDPhD
Johnston, Ben; Microbiology*
Jourdeuil, Karyn; Anatomy*
Laprairie, Robert; Pharmacology*
Lundrigan, Travis; Chemistry*
MacDonald, Ian; Anatomy*
Magnani, Mauricio; Biology*
Pearce, Barbara Lee; History*
McGIlvery, Paul; Classics*
McMillan, Justine; Oceanography
Miller, Geordie; English*
O’Brien, John; Biology*
Peacock, Byron; Political Science*
Read, Jolene; Microbiology
Rourke, Jillian; Pharmacology*
Shan Shilang; Oceanography
Shehadeh, Shadi Hazzem; Electrical Engineering
Speth, Tamara; Psychology*
Stevens, Tynan; Physics
Whidden, Christopher; Computer Science

Killam Postdoctoral Fellows
New Fellows
Bushnell, Eric; Chemistry
Du, Zhijia; Physics

Renewal Fellows
Payette, Gillman; Philosophy

Faculty of Science Killam Professors
Adamo, Shelly; Psychology
Boudreau, Bernie; Oceanography
Grant, Jonathan; Oceanography
Hay, Alex; Oceanography
Hutchings, Jeff; Biology
Martin, Randall; Physics & Atmospheric Science
Stradiotto, Mark; Chemistry
Thompson, Alison; Chemistry
Wentzell, Peter; Chemistry

Faculty of Science Killam Prize
Barrett, Sean; Psychology

Killam Chairs
Alda, Martin; Mood Disorders
Bucke, Axel; Chemistry
Ungar, Michael; Social Work
## Montreal Neurological Institute

**Killam Scholars**

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Baillet, Sylvain</td>
<td>McBride, Heidi</td>
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<td>Brais, Bernard</td>
<td>Reader, Andrew</td>
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<tr>
<td>De Villers-Sidani, Etienne</td>
<td>Shmuel, Amir</td>
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<tr>
<td>Ladbon-Bernasconi, Neda</td>
<td>Tsuda, Hiroshi</td>
</tr>
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</table>

**Killam Prize**

Position Vacant

**Killam Professor**

Pike, Bruce

**Dorothy J. Killam Professor**

Milner, Brenda

**Killam Chair**

Open; appointment pending