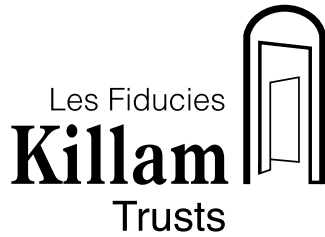




THE KILLAM TRUSTS

**ANNUAL
REPORT
2006**

*Published by the
Trustees of the Killam Trusts*



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THE KILLAM TRUSTS

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 5,000 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 Medicine, Science, Engineering, Social Sciences and Humanities. They are Canada's premier awards in these fields, and to date 83 prizes have been awarded.

In the words of Mrs. Killam's Will:

“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.”





Izaak Walton Killam

Born in 1885 at Yarmouth, Nova Scotia.

Died in 1955 at his Quebec fishing lodge.

Izaak Walton Killam was one of Canada's most eminent financiers, rising from 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 reticent 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 Montreal, 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.

THE KILLAM TRUSTS

2006 ANNUAL REPORT

OF THE KILLAM TRUSTEES



Everyone has heard of the G-7 (or is it G-8? Things move so quickly ...) These are the seven (or eight) leading industrialized countries, including Canada – the world’s economic powerhouses whose leaders meet yearly to settle issues that affect the whole globe and everyone in it. But how many have heard of the G-13? Yet when it comes to research in Canadian universities, it is the G-13, not the G-8 that counts.

Until now the exclusive “club” comprising Canada’s most research-intensive universities had been confined to the “Big Ten”, dubbed the G-10. Included in this elite group were McGill University, The University of British Columbia and University of Alberta, three of the five universities that benefit from the Killam Trusts.

But recently this club has taken on three new members, Dalhousie and The University of Calgary being two of them. With this expansion all five “Killam universities” are now in the charmed circle of Canada’s leading research institutions.

The G-13’s purpose is to develop and advocate policies to government that enhance their capacity for world class research and to share information and ideas among institutions with similar characteristics in order to facilitate better academic administration.

For Dalhousie and the U of C, inclusion in the group is a wonderful recognition of their growing clout in research. Founded in 1818, Dalhousie is old by Canadian standards, yet it strives through research to be as modern as tomorrow. The U of C by contrast is young. Before 1966 its umbilical cord was still tied to the U of A. Yet how the baby has grown! Through generous support, mostly from the enterprising citizens of Calgary but from other places as well, its total endowment this year surpassed Dalhousie’s for the

first time, and its research capacity seems set to grow almost without limit in the coming decades.

From the Killam perspective, all this is very good news. After all, as stated in her 1965 Will, Dorothy Johnston Killam’s central purpose in leaving \$100 million to the Killam universities and The Canada Council for the Arts was to “help in the building of Canada’s future by encouraging advanced study”. She would be delighted, forty years on, to see how all her chosen universities have blossomed.



Four of the five Killam Universities have yet another reason to crow. *The Scientist* magazine, after an extensive poll, ranked Dalhousie, U of A, UBC and U of C as the best places in Canada to conduct a research career, with Dalhousie in the lead. This judgment was based on a list of categories: job satisfaction, management and policies, fairness of the tenure process, collegial environment, good working relationships, research resources, health coverage and teaching activities, among others.

Lest anyone imagine that the remaining Killam institution, the Montreal Neurological Institute at McGill University, has somehow missed the boat, let us simply say that the Killam Trustees, together with the whole world, stand in awe of the Neuro – surely one of the top institutions of its kind anywhere.

Well done!



As mentioned above, Mrs. Killam’s gifts to the six Killam institutions amounted to some \$100 million (actually, \$103,049,839 to be precise). These comprise gifts made anonymously in her lifetime amounting to \$26,900,000, testamentary gifts distributed from 1965 to 1974 of \$72,027,640, and supplementary distributions amounting to \$4,122,199 made by the Trustees since 1974 from the so-called Contingency Fund.

We are glad to say that today the Killam Trusts (including the Contingency Fund) stand at over \$400 million. Moreover, since 1997 the market value of the combined trusts has beaten inflation by some 18.44%, even after disbursements in the range of \$15 million annually.

Where do these disbursements go? Under Mrs. Killam's Will and Deeds of Gift, the Killam Trusts support five different Killam Programs:

- Scholarships for the leading pre-doctoral and post-doctoral scholars;
- Killam Chairholders at UBC, U of A and Dalhousie;
- Professors' salaries at all the Universities except the MNI;
- General endowment purposes at all the Universities; and
- The Canada Council's Killam Research Fellowships and Killam Prize programs.

Details of the programs at each institution are found in the second part of this Annual Report.



Dorothy Johnston Killam's wealth came from two sources. Her husband Izaak Walton Killam, in whose name she established the Killam Trusts, died in 1955 worth \$100 million. As Canada's most successful business person of the first half of the 20th century, he was said to be the country's richest man. Estate duties took half, leaving Mrs. Killam with "only" \$50 million. But it was a good start.

When Mrs. Killam died ten years later, the fortune had gone back up to the \$100 million mark. And it was Mrs. Killam herself who did it. Evidently she was every bit as astute as her financier husband!

The fact is, Dorothy Killam came by her financial acumen honestly. Her father, the Reverend John Thomas Morris Johnston, was both a Baptist minister as well as the founder and president of a banking company in St. Louis, Missouri that bore his name. Dr. Frank Archibald, himself a distinguished Nova Scotia Baptist minister and author, in an article on Mrs. Killam in his 1972 collection of essays, *Mostly Maritimers*, said this: “If [her father] had one foot in heaven, the other was assuredly planted on solid ground ...”. Somewhat more colourfully, Douglas How, in his biography of Izaak Walton Killam, *A Very Private Person*, put it this way: “She came from a Missouri family with an unusual orientation towards both God and Mammon”.

Notwithstanding her own huge contribution to the family fortune, Mrs. Killam always insisted that the spotlight should be on her husband. It is for this reason that the Trusts bear his name alone. The citation read out at the 1962 Dalhousie Convocation at which Mrs. Killam received her Honorary Degree of Doctor of Civil Laws captures it well:

“Her ruling passion has been in expanding the wealth of nations in her husband’s name, content that all the credit should be his for achievements in which she was at least an equal architect, the wise consort of a great merchant prince”.



Dr. Bartha Maria Knoppers gave this year’s Killam Annual Lecture to a full house at l’Assemblée Nationale, Quebec’s Parliament Building, on November 2. Dr. Knoppers is Canada Research Chair in Law and Medicine at Université de Montreal. She is a world renowned expert in the acutely pressing field of ethics in biological research, and former Chair of the International Ethics Committee of the Human Genome Organization and member of the International Bioethics Committee of the United Nations Educational, Scientific and Cultural Organization (UNESCO) which drafted the Universal Declaration on the Human Genome and Human Rights. She is a co-founder of the International Institute of Research in Ethics and Biomedicine (IIREB) and is affiliated with many similar organi-

zations both in Canada and abroad. Her Killam Lecture entitled *Biotechnology: The Human as Biological Resource?* can truly be said to be “the last word” on this hugely important topic.

Dr. Knoppers’ Lecture can be found on our website in both printable and audio versions, or you can get hard copies by writing to the Administrator of the Killam Trusts. Both addresses are found on the outside back cover of this Annual Report.

The Annual Killam Lecture is presented each year on the occasion of the Annual Conference of the Canadian Association of Graduate Studies. CAGS’s president this year is *Dr. Mark Dale*, a scholar with two solid Killam connections. Dr. Dale is Dean of the Faculty of Graduate Studies and Research at the U of A, one of Canada’s great research establishments. And he is himself a Killam Scholar, having had that distinguished honour while taking his doctorate at Dalhousie.



We turn now to discuss current events at each of the six Killam institutions.

UNIVERSITY OF ALBERTA

Pliny the Elder is credited with the proverb “Out of Africa always something new”. He got it almost right. In fact, it is out of Alberta from which one expects the new – especially the U of A, with the University’s Killam program leading the way in 2006.

First, *President Indira Samarasekera* announced last April the launch of the U of A’s Killam Research Fund. This new initiative will provide \$1.5 million a year for the social sciences, humanities and fine arts. Funding will be supported by the U of A’s Killam General Endowment Fund, the income from which – unlike the University’s three other Killam funds – is unrestricted and may be used at the University’s discretion for any worthy purpose.

One might ask, Why are these funds directed only to certain fields, and not to medicine, science, engineering and the like? Especially since Dr. Samarasekera is herself an engineer?

Dr. Samarasekera has given an eloquent answer to this question. In her speech launching the Fund, she pointed out that disciplines in the human sciences represent between 54% and 63% of all faculty, students, and graduate students in Canada. However, the Social Sciences and Humanities Research Council (SSHRC) receives only 14% of the total research dollars distributed through Tri-Council grants, the others being the National Sciences and Engineering Research Council (NSERC) and the Canadian Institutes for Health Research (CIHR). She spoke movingly about how “the fine and performing arts inspire creativity and inform and renew our society’s direction and experience”, and how the fine arts together with the social sciences and humanities “contribute to discovery, and create and sustain our civil society and quality of life”.

The novelist and scientist C.P. Snow in his 1959 Rede Lecture *The Two Cultures* argued that in the modern world there is an unbridgeable intellectual gulf between the arts and the sciences, a separation that poses a major barrier to solving the world’s problems. That may have been so half a century ago in England, but apparently it is no longer true on the U of A campus in 2006.

Two years ago the U of A announced plans to renovate a heritage building known as the South Lab to become “The Killam Centre for Advanced Studies”. We Trustees had a tour this October and are pleased to note that the work is well underway. Due to be opened in the summer of 2007, the Centre will house the Faculty of Graduate Studies and Research, the Postdoctoral Fellows’ Office, the Postdoctoral Fellows’ Association, the Graduate Students’ Association and thesis defense rooms for graduate students. A wet lab and classroom facility for the U of A’s award-winning Outreach Program will allow graduate students to host workshops for visiting community and school groups, thus helping to inspire the young researchers of tomorrow.

The Killam Trusts fund many different programs at the U of A, chief among which are the predoctoral and postdoctoral scholarships; as at all five Killam Universities, these are awarded to the top scholars at the University.

Please see the concluding pages of the Report for a list of the winners of the U of A's Killam awards in 2006.



THE CANADA COUNCIL FOR THE ARTS

We are happy to report that things are looking up financially for the Killam Program at the Canada Council.

Last year we reported that for 2004, due to the state of the financial markets, there was funding for only seven new Killam Research Fellows. Worth \$70,000 a year, these Fellowships relieve the winners from teaching and administrative responsibilities for two years, giving them concentrated “time off” to write a book or complete a major piece of research. Happily, markets had improved sufficiently that eleven new Fellowships were in fact given in 2005 and ten in 2006, with the expectation of ten more for 2007.

Each year the Council holds an awards dinner for the five Killam Prize winners. This year the dinner was held at the Faculty Club at Dalhousie University, where five eminent scholars were honoured:

- *Dr. Paul Corkum*, National Research Council of Canada – Natural Sciences
- *Dr. Jean-Marie Dufour*, Université de Montréal – Social Sciences
- *Dr. B. Brett Finlay*, The University of British Columbia – Health Sciences
- *Dr. Roderick I.L. Guthrie*, McGill University - Engineering

- *Dr. Susan Sherwin*, Dalhousie University - Humanities

The Trustees wish once again to express our appreciation to *Carol Bream* for the superb job she does in carrying out the Killam Program at the Canada Council. Under a special section of the *Canada Council Act*, the Council is authorized to receive gifts from Canadians in trust to be administered for private purposes, wholly outside the public mandate of the Council; such is the case with the Killam Trusts. With seeming ease but much grueling toil and (we are sure) many sleepless nights, Carol juggles her activities as Director of the Council's Killam Program with that of Director, Public Affairs, Research and Communications. Yet in spite of this dual role, the Killam Program goes from strength to strength. Thank you Carol!

Our thanks are also due to the panel of 15 leading academics and scholars from across Canada who make up the Council's Killam Selection Committee. Serving for terms of three years, these scholars put in countless hours reviewing the files of upwards of 75 applicants for Killam Fellowships and a similar number for Killam Prizes. Without their dedication, there simply could be no Killam Program at the Canada Council. Thank you!

Finally, we have to thank The Bank of Nova Scotia, which generously pays the cost of the Awards Dinner and advertisements celebrating the Killam Prize winners in national and local newspapers across Canada. The Bank's generosity means that the moneys available for Killam awards stretches further than it otherwise would.

You can see the full list of the 2006 Killam Research Fellows and Killam Prize winners at the end of the Report.



DALHOUSIE UNIVERSITY

The Killam Trusts continue to play a vital role in research at Dalhousie – even more so, perhaps, than at other Killam universities. This is for two reasons.

First, Dalhousie is small relative to the other four, ranking only 26th in size among Canadian schools (though it ranks 12th in Tri-Council research awards and 9th in citations per paper).

Second, the Killam Trusts are larger, in absolute terms and also as a proportion of the University's overall endowment, than at any of the other Killam universities.

This being the case, it is no surprise that Dal should have the largest cohort of Killam Scholars: 91 in the predoctoral category (including renewals), and nine in the postdoctoral. Uniquely at Dal, the predoctoral scholars include not only PhD candidates, but Masters students as well.

Extraordinarily, over two-thirds of Dal's 2006 predoctoral Killam Scholars were successful in obtaining major external awards. These included two Trudeau doctoral scholarships and two NSERC Julie Payette Masters' Scholarships, the others being primarily SSHRC's, NSERC's and CIHR's.

Dal's Dorothy J. Killam Lecture Series celebrated its 20th year in 2006. It continues to attract leading scholars to Halifax. The Series is aimed at a general audience, and attendances of up to 1,000 are not uncommon. Last year the theme was *Towards a Global New Order*, and in 2006/7 the theme is *Exploring Human Interactions with Information Technology*.

In June of this year Dal established a Killam Trusts Committee with Dr. Alan Shaver, the new Vice-President Academic and Provost, as Chair. Like its counterparts at other Killam universities the Committee brings together representatives of the many Killam Programs across the campus. The idea is to coordinate activities more effectively than in the past, so that the Killam gifts may be used in a way that reinforces both the activities themselves and the names of Izaak Walton Killam and Dorothy Johnston Killam, whose financial support gave them birth.

Finally, we report that *Dr. Rafiqul Islam* has completed his term as Killam Chair in Petroleum Engineering and *Dr. Axel Becke* was

appointed Killam Chair in Chemistry. *Dr. Philip Rosson* and *Dr. Zhizhang (David) Chen* continue as Killam Chairs in Business Informatics and Electrical and Computer Engineering respectively.

The list of all Dalhousie's Killam award winners for 2006 appears at the back of this Report.



MONTREAL NEUROLOGICAL INSTITUTE OF MCGILL UNIVERSITY

In reading the biographies of the 15 MNI Killam Scholars, the first thing that strikes you is the extraordinary degree to which these eminent researchers are plugged into the cutting edge of neurological research around the globe. *Dr. Jack Antel* is President of the International Society of Neuroimmunology; *Dr. Rolando del-Maestro* in the past few years has given lectures in Mexico, Austria, Portugal, Japan and the U.S.; *Dr. Mirko Diksic* is Guest Professor at the University of J.J. Strossmayer in Croatia and organized the Biennial Meeting of the Asian Pacific Society for Neurochemistry in Singapore; *Dr. George Karpati* received a Lifetime Achievement Award at the 2006 Congress of the World Federation of Neurology; *Drs. Peter McPherson* and *Philippe Séguéla* both gave lectures in Shanghai, but under different auspices; and *Dr. Michael Petrides* is a member of the External Advisory Board of the Massachusetts Alzheimer's Disease Research Center at Harvard and MIT. And this list, picked entirely at random, barely scratches the surface!

The Neuro keeps on attracting "the best of the best" among the younger crowd, with three (*Dr. McPherson*, *Dr. Bruce Pike* and *Dr. Wayne Sossin*) all holding the coveted "William Dawson Scholar" designation, bestowed on young McGill faculty members who demonstrate exceptional promise.

To give a sense of the depth and scope of the activities at the MNI, we look at the work of two scholars, again selected at random:

- *Dr. Bruce Pike*, B.Eng., M.Eng., Ph.D. is a full Professor in McGill's Departments of Neurology and Neurosurgery and Biomedical Engineering. He is Director of the MNI's McConnell Brain Imaging Centre. His research is focused on MRI methods and applications for basic and clinical neuroscience. Supported by national and provincial granting agencies as well as the Killam Trusts, he is at the forefront of knowledge in his field, with seven presentations in 2005 including an invited lecture in the Symposium on Emerging MRI Techniques for Neuroscience at the International Brain Mapping Conference. That same year his students won the best student paper award at the International Conference on Medical Image Computing and Computer-Assisted Intervention in Palm Springs, California.
- *Dr. Josephine Nalbantoglu*, B.Sc., Ph.D. is Associate Professor in McGill's Department of Neurology and Neurosurgery with a cross-appointment at the McGill Centre for Studies in Aging. Her research focuses on healthy and diseased genes within the nervous system. She also studies the molecular genetics of Alzheimer's Disease. With colleagues at the MNI she has sought to improve gene therapy treatment for brain tumors and muscular dystrophy. In her career to date, Dr. Nalbantoglu has contributed to nearly 100 scientific papers, including six published in 2005 and three more in 2006.

The Trustees pay annual visits to the Neuro, where we are treated to informal and impromptu talks from Killam Scholars. It is impossible to convey adequately the sense of intellectual curiosity that pervades the halls and lecture rooms. We can say, however, that Canada is blessed indeed to host such a world renowned institute and we, the Killam Trustees are proud to have the Killam name associated with such superstars.

The list of the MNI's Killam Scholars appears at the end of this Report.



THE UNIVERSITY OF CALGARY

Approximately 240 doctoral students at the U of C competed for Killam Scholarships in 2006, of which only eight received the award; they join 11 others whose scholarships were renewed. Fully 12 of the 19 Scholars now on stipend also received NSERC and SSHRC awards. The Killam Scholarship remains the U of C's most prestigious scholarship, as it is in all the Killam universities.

In the postdoctoral category, the U of C has two. *Dr. Darla Zelentisky* is the 2006 Killam Postdoctoral Fellow; a member of the Department of Geology and Geographics, her research is on dinosaur nesting sites in Southern Alberta. The 2005 Fellow, *Dr. Mark Pickup* of the Department of Political Science, has had his Fellowship renewed. He splits his time between the U of C and Oxford University.

This year the U of C appointed two Killam Visiting Scholars: *Dr. Richard Law* from the University of York in England and *Dr. Sauro Succi* from the Institute of Computing Applications in Rome, Italy. These scholars will spend a term at the U of C and receive an honorarium of \$50,000 plus a research allowance of \$3,000.

The Killam Visiting Scholars program is unique to the U of C. The same is true of its Killam Resident Fellows program. This year the latter program supports 11 applicants by offering them a full term free of teaching and administrative responsibilities, thus providing an uninterrupted stretch in which to concentrate on a paper or a piece of research. To the Trustees, these programs – financed out of the U of C's Killam General Endowment Fund and Killam Salary Fund respectively – appear to be of great value to the University, thus making very good use of its Killam resources.

The list of all the U of C's 2006 Killam award winners is appended at the end of this Report.



THE UNIVERSITY OF BRITISH COLUMBIA

Each year in the Fall the Killam Trustees pay a visit to UBC, as they do the other universities (except the MNI, where the visit takes place in January). A highlight on each campus is the Annual Dinner in honour of the newly selected Killam Scholars. These are splendid affairs and, although different in points of detail, at each university it is a warm celebration of “the brightest and the best”. At some, each student gives a brief exposition of his or her work; at others, one or two lucky souls are “volunteered” to speak for the group. Given that the Killam Scholarship program is the central feature of all that we do, the Trustees are continually refreshed by the close contact with students that these occasions afford.

The UBC Dinner is, however, entirely unique in one happy respect. For many years now the closest living relatives of Izaak Walton Killam, Bill and Ralph Killam and their families, have faithfully attended. As relations of the man in whose name the Scholarships and other awards are made, they are warmly received by all, but especially by the students.

It is the custom for one or other of the Trustees to address these dinners with a few words about the “life and times” of Killam and his wife, Dorothy Johnston Killam. At UBC this is a daunting task indeed, for as one of the cousins said to a Trustee at the Dinner this Fall, “It is most interesting to hear a speech about people you knew well but the speaker never knew at all!”

Last year we reported that, while all the Killam institutions had experienced some painful reductions in the returns on their Killam investment portfolios in recent years, UBC had been hit somewhat harder than most, with a drop of about 15% in its budget available for scholarships. We are happy to report that things are now bouncing back quite nicely. While 2006-7 will see the lowest annual budget for over ten years, recent improvements in the financial markets should at least stabilize the amounts available, and thus the numbers of scholarships that can be awarded, over the next few years. The Trustees view this objective as especially important. The integrity of the Killam Scholarship program depends not merely on the quality

of the award winners and the size of the award – both of which are at the very top, at UBC as elsewhere – but also on ensuring, so far as possible, a steady flow of Killam Scholars year by year.

The list of UBC’s Killam Scholars and other Killam award winners is given at the end of this Report.



Comings and Goings:

Sadly we say goodbye and thank you to three stalwart and long time supporters of the Killam program: *Dr. Frieda Granot* at UBC, and *Dr. Jan Kwak* and *Bryan Mason* at Dalhousie.

After ten years as Dean of Graduate Studies, Frieda is returning to UBC’s Faculty of Business where she plans to teach and continue her research. Following a term of five years as Dalhousie’s Dean of Graduate Studies, Jan is returning briefly to the Department of Chemistry, and then to retirement.

Bryan Mason retires after twenty years as Vice President Finance and Administration. His wise stewardship has been instrumental in guiding the financial aspects of the Killam Trusts at Dalhousie. We will miss him.

We also bid adieu to *Dr. Lynne Alden*, Associate Dean at UBC for the past five years.

We welcome *Dr. Carolyn Watters* as the new Dean of Graduate Studies at Dalhousie, and *Dr. Anne Rose* as Dean *pro tem* at UBC. In Carolyn’s case, as former Assistant Dean she knows the Killam program well. To both, we wish you well as you take up your new positions, and look forward keenly to working with you. Finally we welcome *Ken Burt* as the new Vice President Finance and Administration at Dalhousie.

In closing, a most sincere “thank you” to all professors who during 2006 have completed their terms as adjudicators in the many

Scholarship, Fellowship and Prize programs at all six Killam institutions. Without your dedication the Killam program simply couldn't operate. We are deeply in your debt.

To the whole Killam family of scholars, best wishes for 2007.

John H. Matthews

W. Robert Wyman, CM, LLD, Chancellor Emeritus,
The University of British Columbia

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

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

Trustees of the Killam Trusts

Halifax, Nova Scotia

November, 2006

KILLAM AWARD WINNERS

2006

LISTED BY INSTITUTION

UNIVERSITY OF ALBERTA

Killam Predoctoral Scholars

New Scholars

Adams, Catherine; Secondary Education*
Bai, Baochun; Computer Science
Couturier, Marc; Medical Microbiology and Immunology
Cowan, Theresa; English and Film Studies*
Crawford, Laura; English and Film Studies*
Dastfan, Mehdi; Civil and Environmental Engineering
El-Yazbi, Ahmed; Pharmacology
Fan, Chengye; Mechanical Engineering
Gammon, Don; Medical Microbiology and Immunology*
Georgiou, George; Educational Psychology
Groft, Jean; Nursing*
Isakava, Volha; Modern Languages and Cultural Studies
Martin, Andrew; Mechanical Engineering*
Musselman, Kristin; Rehabilitation Medicine*
Nadworny, Patricia; Chemical and Materials Engineering*
Pappa, Eleni; Music
Reid, Darlene; Music*
Reyes, Alberto; Earth and Atmospheric Sciences*
Ruan Haibo; Mathematical and Statistical Sciences
Schmid, Christian; Business - PhD
Summers, Mark; Electrical and Computer Engineering*
Thompson, Terrie Lynn; Educational Policy Studies*
Trites, Marsha; Biological Sciences*
Vanegas, Jose; Civil and Environmental Engineering
Wallin, Jason; Secondary Education*
Watt-Malcolm, Bonita; Educational Policy Studies*
Zhira, Maxwell; History and Classics*

Renewal Scholars

Armijo Olivo, Susan; Rehabilitation Medicine
Bell, Emily; Psychiatry

*Honourary Killam Scholar - A designation given to scholars who have received an external award and whose qualifications entitle them to a Killam Scholarship and to all the benefits accorded to Killam Scholars.

Bostik, Katherine; Educational Psychology*
 Caners, Richard; Renewable Resources
 Chhin, Sophan; Renewable Resources*
 Defert, Jean-Jacques; Modern Languages & Cultural Studies
 Gallo, Maria; Physical Education & Recreation
 Hamdy, Samar; Pharmacy & Pharmaceutical Sciences
 Haughland, Diane; Biological Sciences*
 Irvine, Scott; Electrical & Computer Engineering
 Koning, Cynthia; Rehabilitation Medicine*
 Levner, Ilya; Computing Science*
 Lizotte, Daniel; Computing Science
 Marusiak, Christopher; Educational Psychology
 McCarroll, Cody; English & Film Studies*
 McDougald, Megan; Business – PhD*
 McTaggart, Anne; English & Film Studies*
 Morrison, Shawn; Biological Sciences*
 Nnamani, Ndubuisi; Music
 Nour, Mohamed; Civil & Environmental Engineering
 Parker, Christopher; Computing Science
 Rust, Tiana; Psychology*
 Schreyer, Christine; Anthropology*
 She, Yuntong; Civil & Environmental Engineering
 Slomp, David; Secondary Education
 Smith, Michelle; English & Film Studies*
 Stomer, Flora; Business – PhD*
 Tanner, Brian; Computing Science*
 Tchir, Trevor; Political Science*
 Tian, Zhigang; Mechanical Engineering*
 Tiessen, Matthew; Art and Design, and Sociology (Special Ph.D. Program)*
 Tresguerres, Martin; Biological Sciences
 Wang, Qian; Mathematical & Statistical Sciences
 Xu, Yong; Cell Biology*
 Zhang, Jing; Rural Economy

Dorothy J. Killam Memorial Graduate Prize

Cowan, Theresa; English and Film Studies*
 Musselman, Kristin; Rehabilitation Medicine
 Reyes, Alberto; Earth and Atmospheric Sciences*
 Wallin, Jason; Secondary Education*

Killam Postdoctoral Fellows

New Fellows

Brigandt, Ingo; Philosophy
 Coleman, E. Gabriella; Science, Technology and Society
 DeCook, Travis; English and Film Studies
 Hilker, Frank; Mathematical and Statistical Sciences*
 Hirotaka, Yoshino; Physics

Long, Chengnian; Electrical and Computer Engineering
MacCormack, Tyson; Biological Sciences*
Pham, Hung Le; Mathematical and Statistical Sciences

Renewal Fellows

Berube, Marie; Chemistry
Bhowmik, Pankaj; Agriculture, Food & Nutritional Science
Fleishauer, Michael; Electrical & Computer Engineering*
Gao, Huijun; Electrical & Computer Engineering*
Kavalski, Emilian; Political Science
Miller, Kiri; Music
Stott, Katherine; Religious Studies
Thompson, Niobe; Anthropology
Xu, Cai-Lin; Biological Sciences
Yin, Jiang; Biochemistry
Dorothy J. Killam Memorial Postdoctoral Fellow Prize
Brigandt, Ingo; Philosophy

Killam Annual Professors

Bell, Gordon; Physical Education & Recreation
Chen, Tongwen; Electrical and Computer Engineering
Glover, Mark; Department of Biochemistry
Lewis, Mark; Department of Mathematical and Statistical Sciences
Norris, Stephen; Department of Educational Policy Studies

Killam Chairs

Frolov, Valeri; Physics
Schindler, David; Biological Sciences

Killam Award for Excellence in Mentoring

Krahn, Harvey; Department of Sociology

THE UNIVERSITY OF BRITISH COLUMBIA

Killam Predoctoral Scholars

New Scholars

Boyle, Ellexis; Human Kinetics
Cohen, Sarah; Zoology*
Hepperle, Steven Scott; Chemistry*
Huang, Kun; Neuroscience
Kirby, Kathryn R; Forestry*
Loudior, Erez; Mathematics
Ngo, Hanh Minh; Electrical and Computer Engineering
Phillion, André; Materials Engineering*
Salant, Nira Liat; Geography

Scott, Graham; Zoology
Stumm, Bettina Marie; English*
Tan, Chee Wee; Business Administration
Thompson, Lara; Physics

Renewal Scholars

Bidner, Christopher Allan; Economics
Chan, Colleen Chin Veon; Civil Engineering
Duan, Ke; Metals Engineering
Farrell, Jennifer Heather; Music
Faulkner, Jason Paul; Psychology*
Harker, Christopher; Geography
Houglum, Brook Louise; English
Kennelly, Jacqueline Joan; Educational Studies*
Kolind, Shannon; Physics and Astronomy
Kueck, Hendrik; Computer Science
Lam, Heidi Lap Mun; Computer Science*
Lantz; Trevor Charles; Forestry
Marchinko, Kerry Brian; Zoology
Moffatt, Lyndsay Elizabeth; Language and Literacy Education*
Muliawan, Edward Budi; Chemical and Biological Engineering*
Schnellert, Leyton Mark; Educational Studies*
Zhang, Yuanxiu; Economics

Killam Postdoctoral Research Fellows

New Fellows

Barrie, Michael; Linguistics
Baumgartner, Michael; Music
Glass, Aaron; Anthropology
MacKenzie, Niall; English
Maughan, Heather; Zoology*
Ortiz-Barrientos, Daniel; Botany
Slim, Anja Catharina; Mathematics
Tscherbul, Timur; Chemistry
Watson, Sara Elizabeth; Political Science

Renewal Fellows

Al-Darbi, Muhannad; Materials Engineering*
Ben-Aroya, Shay; Microbiology*
Dodd, Michael; Psychology*
Haeussler, Sybille; Forest Sciences*
Hamilton, Geoff; English
Holliday, Alison Eileen; Chemistry*
Hollowell, Julia Jane; Anthropology
Loren, Christina; Biomedical Research Centre*
Piper, Elizabeth; History*
Shen, Kyle; Physics & Astronomy*
Zarivach, Raz; Biochemistry & Molecular Biology*

Killam – Donald N. Byers Prize

Scott, Graham; Zoology

Killam Faculty Research Fellows

Bennett, Michael A; Mathematics

Bloch, Alexia; Anthropology

Brinton, Laurel; English

Chang Thomas K.H.; Pharmaceutical Sciences

Harrison, Kathryn J.; Political Science

Marshall, Christopher; Classical, Near Eastern and Religious Studies

Otto, Sarah; Zoology

Rensink, Ronald; Psychology

Whitlock, Michael; Zoology

Woody, Sheila; Psychology

Killam Faculty Research Prize

Duranti, Luciana; Library, Archival, and Information Sciences

Eng, Janice; Rehabilitation Sciences

Francois, Patrick; Economics

Heine, Steven; Psychology

Hudson, Nicholas; English

Innes, Sheila; Pediatrics

Johnson, Joy; Nursing

Orvig, Chris; Chemistry

Overall, Christopher; Oral, Biological, and Medical Sciences

Ross, Thomas; Business

Killam Award for Excellence in Mentoring

Gregory, Derek; Geography

Milsom, William Kenneth; Zoology

Killam Teaching Prize

Berkowitz, Jonathan; Business

Best, Leandra; Dentistry

Blake, Michael; Anthropology

Clark, Penney; Curriculum Studies

Cohodas, Marvin; Art History, Visual Art and Theory

Elliott, Robin; Law

Ellis, Shona; Botany

Grace, Sherrill; English

Krzic, Maya; Land and Food Systems

Linares, Luis; Electrical and Computer Engineering

MacGillivray, Ross; Biochemistry and Molecular Biology

MacLeod, Kathleen; Pharmaceutical Sciences

Neifeld, Dietmar; Classical, Near Eastern, and Religious Studies

Ollivier-Gooch, Carl; Mechanical Engineering

Park, Carol; Pathology and Laboratory Medicine

Perry, Jo Ann; Nursing
Raoul, Valerie; Women's Studies
Reeder, Kenneth; Language and Literacy Education
Riseman, Andrew; Land and Food Systems
Simard Suzanne; Forest Sciences
Stewart, Jaclyn; Chemistry
Sutherland, Stuart Eyre; Earth and Ocean Sciences
Vogl, A. Wayne; Cellular and Physiological Sciences
Weir, Lorraine; English

University Killam Professors

Affleck, Ian; Physics & Astronomy
Dolphin, David; Chemistry
Evans, Robert George; Health Services & Policy Research
Hayden, Michael; Molecular Medicine & Therapeutics
Jones, David R.; Zoology

THE UNIVERSITY OF CALGARY

Killam Predoctoral Scholars

New Scholars

Cimenti, Massimiliano; Chemical and Petroleum Engineering*
Doering, Clinton John; Neuroscience*
Ritch, Jamie Steven; Chemistry
Templeton, George William; Biological Sciences*
Turner, Sarah Elizabeth; Anthropology
Urbaniak, Rafal; Philosophy
Wahid, Khan Arif; Electrical and Computer Engineering*
Waldie, Angela Ray; English*

Renewal Scholars

Bradshaw, Cathryn; Social Work*
Bye, Christine; History
Colella, Tracey; Nursing
Giles, W. Mark; English*
Gunter, Raymond; Clinical Psychology*
Keats, Melanie; Kinesiology*
Laird, Robert; Biological Sciences
MacCallum, Justin; Biological Sciences*
MacLeod, Douglas; Environmental Design*
Melnik, Grigori; Computer Science
Popovic, Dijana; Electrical & Computer Engineering

Killam Postdoctoral Fellows

New Scholar

Zelenitsky, Darla; Geology and Geophysics

Renewal Scholar

Pickup, Mark; Political Science

The Donald N. Byers Memorial Killam Prize

Cimenti, Massimiliano; Chemical and Petroleum Engineering

Turner, Sarah; Anthropology

Killam Visiting Scholars

Law, Richard; Biological Sciences

Succi, Sauro; Mechanical and Manufacturing Engineering

Killam Resident Fellows

Devine, Heather; Communication and Culture

Diao, Xifeng; Business

Donlevy, Kent; Education

Ellis, James; English

Lu, Mingshan; Economics

Markotic, Lorraine; English

McCoy, Lisa; Sociology

McGillivray, Murray; English

Nelson, Fiona; Communication and Culture

Rothery, Michael; Social Work

Zapf, Kim; Social Work

Killam Chairs

Gravel, Roy; Medicine & Kinesiology

Shrive, Nigel; Civil Engineering

THE CANADA COUNCIL FOR THE ARTS

Killam Research Fellows

New Fellows

Brown, R. Stan; Chemistry – Queen's University

Darnell, Regna; Anthropology – University of Western Ontario

Fryzuk, Michael D.; Chemistry – University of British Columbia

Hillaire-Marcel, Claude; Sciences de la Terre et de l'Atmosphère - Université du Québec
à Montréal

Kamran, Niky; Mathematics and Statistics – McGill University
Kyser, Kurt; Geological Sciences and Geological Engineering – Queen’s University
McNeil, C. Kent; Law – York University
Oakley, Richard T.; Chemistry – University of Waterloo
Sangster, Joan I.; Canadian and Native Studies – Trent University
Speicher, Roland; Mathematics and Statistics – Queen’s University

Renewal Fellows

Andrès, Bernard; Histoire Littéraire – Université du Québec à Montréal
Becke, Axel; Chemistry – Queen’s University
Bouchard, Denis; Linguistics – Université du Québec à Montréal
Brown, Virginia; Medieval Studies – University of Toronto
Burgess, Clifford; Physics – McGill University
Carter, Sarah; Women’s Studies – University of Calgary
Crespi, Bernard; Biological Sciences – Simon Fraser University
Dean, Kenneth; East Asian Studies – McGill University
Guo, Hong; Physics – McGill University
Lancashire, Ian; English – University of Toronto
Young, Brian; History – McGill University

Killam Prize Winners

Corkum, Paul - (Natural Sciences); National Research Council of Canada
Dufour, Jean-Marie - (Social Sciences); Economics, Université de Montréal
Finlay, B. Brett - (Health Sciences); Michael Smith Laboratories, University of British Columbia
Guthrie, Roderick I.L. - (Engineering); Metals Processing Centre, McGill University
Sherwin, Susan - (Humanities); Philosophy, Dalhousie University

DALHOUSIE UNIVERSITY

Killam Predoctoral Scholars

New Scholars

Adsett, Constance; Computer Science*
Barresi, Tony; Earth Sciences*
Bashforth, Arden; Earth Sciences*
Behme, Christina; Philosophy
Brewer, Kimberly; Physics*
Buohler, Hans Peter; German
Calvert, Anna; Biology
Carpenter, Yuen-ying; Chemistry*
Chevrier, Vincent; Physics*
Croft, Betty; Physics*
Dolansky, Lila; Earth Sciences*
Fawcett, Jonathan; Psychology*
Fulton, Heather; Psychology*
Heiti, Warren; Philosophy

Hudson, Brian; Pharmacology*
Ishigami, Yoko; Psychology
Junek, Adrienne; Anatomy and Neurobiology*
Koper, Katarzyna; German
Kristjánsdóttir, Ólöf; Interdisciplinary PhD Program*
Lichodziejewski, Peter; Computer Science*
Long, Aaron; Engineering Mathematics*
Lyons, Devin; Biology*
Middleton, Laura; Interdisciplinary PhD Program
Mukhida, Karim; Anatomy and Neurobiology*
Noble, Robert; Mathematics and Statistics
O'Brien, Heather; Interdisciplinary PhD Program*
Patterson, Steven; Physics*
Renault, Nisa; Pathology*
Ryan, Gillian; Physics*
Tait, William; History*
Taylor, Alexis; Chemistry*
Terashima, Mikiko; Interdisciplinary PhD Program
Tougas, Jane; Computer Science*
Uribe, Elke; Biochemistry & Molecular Biology
Wilband, Marie; Classics*

Renewal Scholars

Algar, Christopher; Oceanography*
Anderson, James; Philosophy*
Bandstra, Nancy; Psychology*
Bassnett, Madeline; English*
Baum, Julia; Biology
Baxter, Elizabeth; Classics
Beare, Nicole; English*
Belluccini, Federica; Interdisciplinary PhD Program
Blanchard, Wade; Mathematics and Statistics*
Bonakdarpour, Arman; Physics*
Burr, Kathleen; International Development Studies
Campagna-Slater, Valerie; Chemistry*
Chikowero, Moses; History
Chircop, Andrea; Nursing*
Collins, Andrea; English*
Dewey, Sherma; Health & Human Performance*
Dore, Anne; History*
Drummond, Brie; Biology
Dukewich, Kristie; Psychology
Dyck, Christopher; Biomedical Engineering*
Eaton, David; History*
Finkler, Lilith; Interdisciplinary PhD Program*
Fortier, Hubert; Chemistry*
Gawryluk, Ryan; Biochemistry and Molecular Biology*
Gibbons, Meaghan; Civil and Resource Engineering*
Goldwater-Adler, Samantha; Psychology*
Gradmann, Sofie; Earth Sciences*

Grant, Valerie; Psychology*
Hanke, Felix; Physics and Atmospheric Science
Hartnell, Nicole; Interdisciplinary PhD Program*
Hochreiner, Hannes; Chemistry
Hug, Laura; Biochemistry and Molecular Biology*
Huybers, Sherry; Interdisciplinary PhD Program*
Jakubinek, Michael; Physics and Atmospheric Science*
Kayacik, Hilmi; Computer Science
Kean, Robert; Sociology & Social Anthropology*
Kretz, Lisa; Philosophy*
Lewis, Kelley; English*
Lipp, Judith; Interdisciplinary PhD Program*
Macklem, Mason; Computer Science
Mazerolle, Erin; Psychology
McEachern, Lori; Biology*
Moon, Erin; Psychology*
Newhook, Lesley; English*
Ottaway, Paul; Math and Statistics
Pearson, Jason; Chemistry*
Pelletier, Nathan; Resource and Environmental Studies
Phillips, Heather; Chemistry*
Rankin, Matthew; Chemistry*
Rockwell, Gregory; Chemistry
Schulz, Tyler; Biology
Schwartz, Meredith; Philosophy*
Thornton, Paul; Chemistry*
Webster, Colin; Classics*
Weir, Laura; Biology*

Killam Postdoctoral Fellows

New Fellows

Azaron, Amir; Industrial Engineering
Bredeson, Kate; Theatre
Edwardson, Ryan; History
Greiner, Birgit; Psychology
Yang, Jun; Earth Sciences

Renewal Fellows

Liu, Geniva; Psychology
Lusseau, David; Biology
Warren, Clare; Earth Sciences
Zhaxybayeva, Olga; Biochemistry & Molecular Biology

Faculty of Science Killam Professors

Beaumont, Chris; Oceanography
Brown, Richard; Psychology
Burnell, Jean; Chemistry

Chatt, Amares; Chemistry
Dunlap, Richard; Physics
Gibling, Martin; Earth Sciences
MacRae, Tom; Biology
McGrath, Patrick; Psychology
Phillips, Dennis; Psychology
Pincock, James; Chemistry
Scott, David; Earth Sciences
Stewart, Sherry; Psychology

Faculty of Science Killam Prize

Perrot-Sinal, Tara; Psychology

Killam Chairs

Becke, Axel; Chemistry
Chen, David; Engineering
Cullen, John; Oceanography
Rosson, Philip; Management

MONTREAL NEUROLOGICAL INSTITUTE

Killam Scholars

Antel, Jack
Collins, Louis
Dagher, Alain
delMaestro, Rolando
Diksic, Mirko
McPherson, Peter
Nalbantoglu, Josephine
Petrides, Michael
Ragsdale, David
Séguéla, Philippe
Sossin, Wayne

Killam Professor

Pike, Bruce

Dorothy J. Killam Professor

Milner, Brenda

Killam Chair

Karpati, George

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