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 3,700 scholarships have been awarded to 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 and Engineering; they are Canada's highest awards in these fields.

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.”

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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 become 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.

Notwithstanding 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

1998 ANNUAL REPORT
OF THE KILLAM TRUSTEES

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The story of the Titanic has once again captured the world’s imagination, with Canadian James Cameron’s movie drawing record audiences everywhere. The cinematic spectacle has also transformed Fairview Cemetery in Halifax, where the real Jack Dawson (who gave his name to the fictional hero of the movie) is buried, along with 150 others whose bodies were plucked from the cold waters of the North Atlantic on April 15, 1912. Such is the popularity of the movie – or, more accurately, of Leonardo DiCaprio, Hollywood’s latest heartthrob who plays the part of Dawson – that thousands of tourists as well as native Haligonians, many of them teenage girls, now flock to the cemetery to pay homage. These graves mark the passing of the Edwardian era, the high point of twentieth century confidence and joie de vivre.

About fifty meters or so from the Titanic graves are those of Izaak Walton Killam and Dorothy Johnston Killam. If the former signify the ending of a glamourous but long-lost age, then just as surely the latter mark the beginning of a glorious new age of research at Canadian universities.

When Mrs. Killam died in 1965, leaving some $100 Million of her and her husband’s estates to higher education (including lifetime gifts), only a few Canadian universities sponsored graduate and post-graduate research programs of any kind. Most Canadian scholars who wanted to earn a Ph.D. degree or pursue postdoctoral work had to go to other countries, usually the UK or the USA. The Killams realized this
“brain drain” was holding Canada back, and their determination to stop it led them to devote their fortunes to higher education in Canada. They wanted especially to help universities in the regions of Canada where Mr. Killam had made his money, and where advanced research existed only in an embryonic state, if at all.

To an extent only vaguely comprehended by today’s scholars, even those at the “Killam universities”, it was the Killam gifts that were responsible for transforming that dismal scene. Today, not only Canadians but students from many lands round out the complement of doctoral scholars at the Killam universities. And today the market value of the Killam Trusts stands at some $345 million, roughly the size of the Rhodes Trust in England and the Nobel Foundation in Sweden.

Since 1967 the Killam Trusts have assisted 3,350 graduate and post-graduate scholars at The University of British Columbia, University of Alberta, The University of Calgary, Dalhousie University and the Montreal Neurological Institute at McGill University. Under the Killam Program at the Canada Council for the Arts, 400 professors in mid career from universities across Canada have been awarded Killam Fellowships, releasing them from teaching duties so they could pursue concentrated research for two uninterrupted years. The Council also sponsors the annual Killam Prizes in Medicine, Science and Engineering; worth $50,000 each, they have been awarded to 48 eminent Canadian scholars to date, and are Canada’s leading prizes in these fields.

The Killam vision has succeeded beyond even its founders’ expectations. Today, the Killam universities compete with their counterparts worldwide, and their scholars’ work is as good or better than anyone’s.
Jack Dawson may be a celluloid star, but for thousands of Canadian and foreign scholars the real heroes of Fairview Cemetery are Izaak Walton and Dorothy Johnston Killam.

At all the Killam institutions the Killam Scholarships and Prizes are awarded strictly on merit. No considerations of race, religion, national origin or gender enter into the competition. Yet the trend is unmistakable: more women scholars are taking graduate degrees than ever before, and more are receiving Killam awards. At two of the four institutions awarding predoctoral Killam Scholarships (Dalhousie and UBC), women Killams outnumber men, and by a fair margin (46 to 30 at Dal; 23 to 17 at UBC). And, in a recent turn of events, women outnumber men even in mathematics, engineering and the sciences (23 to 20 at Dal; 12 to 11 at UBC). At the other two institutions, U of C and U of A, men outnumber women, but again the sciences are well represented by women scholars. Overall, in all four universities women outnumber men 87 to 75, while in the sciences men maintain only a slight lead: 47 to 42.

The change since the Killam Scholarship Program began in 1967 has been remarkable, especially in the sciences. In those days, few women took advanced degrees, and fewer still in the sciences. You can see the results of this history in the statistics from the Canada Council’s Killam Program. In the years 1968 to 1991, just 16 women were awarded the Council’s Killam Research Fellowships, compared to 298 men. But in the past eight years, 14 women have won, compared to 78 men – a small percentage still, but growing rapidly. Besides, unlike the Killam universities’ predoctoral Killam Scholarships, the Council’s Killam Fellowships are awarded to professors in mid-career; so the percentage of
women should rise dramatically in the next ten to twenty years as today’s doctoral scholars take up university posts and pursue teaching and research as their life’s work.

We cannot close this discussion without referring to the three eminent women scholars who have won the Canada Council Killam Prizes: Dr. Brenda Milner of McGill, the 1983 Prize winner in Medicine; Dr. M. Daria Haust of the University of Western Ontario, the 1990 Prize winner in Medicine; and Dr. Martha Salcudean of UBC, the 1998 Prize winner in Engineering. Dr. Milner holds the position of Dorothy J. Killam Professor at the MNI, and continues to focus her research on the cognitive functions of the frontal and temporal lobes of the human brain. Dr Haust is a full professor in the Department of Pathology at Western. Internationally renowned for her work in atherosclerosis, her most recent award is an Honourary Doctorate from Charles University, Prague, in April of this year. Dr. Salcudean made history in 1985 as the first woman head of a department of mechanical engineering in Canada, and again this year as the first woman to win the Canada Council Killam Prize in Engineering. She now holds the prestigious Weyerhauser Industrial Research Chair in Computational Fluid Dynamics at UBC.

No doubt some cultural and perhaps other barriers remain to the advancement of women scholars in the fields of medicine, science and engineering. But if the Killam experience is any guide, one would have to conclude that these are steadily falling away.

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This year’s Annual Dinner to honour the three winners of the Canada Council’s 1998 Killam Prizes was held in Vancouver on April 22. The Prize winners, in addition to Dr. Salcudean, were Dr. Fernand Labrie, Professor at Université Laval and Director of its Hospital Research Centre (CHUL), in Medicine; and Dr. Juan C. (Tito) Scaiano, Professor at the University of Ottawa, in the Natural Sciences. Dr. Labrie’s work in basic research has contributed to major advances in both scientific knowledge and the clinical application of hormonal agents now used worldwide in the treatment of several sex hormone-related diseases, notably prostate cancer, breast cancer, endometriosis, uterine fibroma and precocious puberty. Dr. Scaiano, a chemist, has opened up many new areas of study in photo-chemistry and physical organic chemistry, in particular using lasers to follow the photo-chemistry of many short-lived intermediates. Like Dr. Labrie, he holds many other awards and distinctions from around the world, including a Canada Council Killam Research Fellowship (1994 - 1996).

The Bank of Nova Scotia again kindly co-sponsored the Awards Dinner. The Trustees are most grateful to the Bank, for two reasons. First, their active support, coupled with the attendant national newspaper advertisements with pictures of the Prize winners and details of their accomplishments, helps to publicize the Prizes and indeed the whole Killam Program at all the “Killam institutions”, not just the Canada Council. Secondly, relieving the Council of the cost of the Dinner frees up more funds for the Council’s Killam Prize and Fellowship Programs.

The Trustees hope that this happy arrangement with The Bank of Nova Scotia will continue for many years to come.
This year’s Killam Annual Lecture is to be given by Dr. Michael Smith, Peter Wall Distinguished Professor of Biotechnology and University Killam Professor at UBC, and 1993 Nobel Prize Laureate in Chemistry. His topic is “Science and Society in the Forthcoming Millennium”, a theme in keeping with the three previous Lectures (given by Dr. David Johnston in 1995, Dr. Richard Murphy in 1996 and the Hon. Peter Lougheed in 1997).

The Killam Annual Lecture has now become a regular fixture in the Killam calendar and, we hope, a useful one for the country. Through these Lectures we hope to draw to the attention of a wider audience, consisting of business people and other opinion leaders both inside and outside the groves.
of academe, the importance to Canada of a strong and well-funded program of research at Canadian universities.

This year the US Council of Graduate Schools and the Canadian Association for Graduate Studies, comprising some 446 U.S. and 48 Canadian Deans of Graduate Studies from both sides of the border, together with a large invited audience of business and academic leaders from British Columbia, will hear Dr. Smith's Killam Lecture on December 10 in Vancouver. A copy of the Lecture is being mailed out with this Report to all 4,000 names on our Killam mailing list. You can get extra copies of this year’s and prior years’ Lectures by contacting the Secretary to the Killam Trusts at the address on the outside back cover.

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We turn now to discuss the happenings over the past year at each of the six Killam institutions. Again we can report that all are in good shape, meeting or surpassing the high expectations of Mr. and Mrs. Killam when they conceived the Killam Program.

On the financial side, things have never been better, at least as regards total capital. As noted above, as of March 31, 1998 the Killam Trusts at all six institutions together amounted to some $345 Million market value. While recent months have seen some slippage, the Trustees and the Killam institutions are confident that these market values will continue to grow steadily through the coming years.

On the intellectual side, the Killams remain the leading scholarships at each of the Killam institutions. The quality of the candidates just seems to be going up inexorably from year to year, and the pity of it is that there is simply not enough
money to bring all qualified candidates into the Killam family of scholars.

Do you know someone who might be persuaded to emulate Mr. and Mrs. Killam, and set aside a few million dollars to establish a similar scholarship program?

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**Dalhousie University**

In 1998/99, Dalhousie awarded 76 Killam Scholarships at the predoctoral level, including both new scholars and second year renewals.

Remarkably, 39 of Dal’s Killam Scholars were “Honorary”, meaning that they had been successful in winning external awards (in addition to their Killam Scholarships), and thus received a Killam stipend sufficient to top up their outside awards to the Killam level. These included 19 scholarships from the Natural Sciences and Engineering Research Council of Canada (NSERC), 14 from the Social Sciences and Humanities Research Council of Canada (SSHRC), and assorted other external awards from the Medical Research Council of Canada (MRC), the Fulbright Foundation, the Commonwealth Scholarship Program and others. In fact, so successful has Dalhousie been in attracting outside support that its Killam Scholarship funds were underspent by some $39,000.

A new feature on the Dalhousie landscape is the former Technical University of Nova Scotia, whose campus (now known as “DalTech”) with its Faculties of Engineering, Architecture and Computer Science is now part of Dalhousie. Some 460 scholars at the graduate level at DalTech, enrolled
in thirteen different DalTech programs, are now eligible for the Killam competition. Faculty at DalTech are also, of course, eligible for membership on the Killam Scholarship Selection Committee; but since the present Committee was elected prior to Dal’s merger with TUNS, there is as yet no representative from DalTech. Until that situation changes, a member of the DalTech faculty has joined the Committee as an observer.

In addition to Dal’s predoctoral Killam Scholars, five scholars (two women, three men) were awarded Killam Postdoctoral Fellowships. They were selected from a pool of 45 candidates (12 women, 33 men) recommended by 29 departments or schools.

To its three present Killam Chair holders (Dr. Ian Meinertzhagen, Neuroscience; Dr. Ransom A. Myers, Ocean Studies; and Dr. Mary Anne White, Materials Science), Dalhousie has now added two new Killam Chairs, in Petroleum Engineering and Business Informatics. Dalhousie hopes to fill these Chairs by July 1, 1999.

The Trustees are delighted with this expansion of the Killam Chairs Program at Dalhousie, and particularly with the fact that an East Coast university will now become heavily involved in the oil and gas industry, a sure sign that this burgeoning new field of endeavour heralds both advanced academic study and greater economic prosperity for Atlantic Canada.

This year marked a change in the format of the popular Dorothy J. Killam Memorial Lectures, from three evening lectures to two evening lectures and a series of day-time public workshops. The theme for the lectures and workshops for 1998 was “Sticks and Stones: Architecture and the Re-
building of Communities”. The evening lectures were given by two internationally respected architects:

*Michael Rotondi*, principal of RoTo Architects in Los Angeles and a member of faculty and the Board of Directors of SCI-Arc (Southern California Institute of Architecture), who spoke on the topic of “The Teaching Practice”; and

*Edward Cullinan*, a practising architect from the United Kingdom who has taught extensively and held a number of visiting professorships both in the UK and abroad, who spoke on “Building Communities”.

The Faculty of Science Killam Prize at Dalhousie was awarded this year to *Dr. Shigui Ruan* of the Department of Mathematics, Statistics and Computing Science.

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**Montreal Neurological Institute, McGill University**

As in the past, the work and expertise of MNI Killam Scholars were recognized over the past year by peer groups and by other leading research institutions.

Worthy of particular note are:

*Dr. Stefano Stifani*, who received a Chercheur Boursier “Junior” award from the Fonds de la recherche en santé du Québec (FRSQ), and who was co-author of a cover-story research paper in the October 1997 issue of *Neurobiology of Disease*. 
Dr. Abbas Sadikot, who received the Basil O’Connor Starter Scholar Research Award from the March of Dimes Birth Defects Foundation.

Dr. Angel Alonso, who was awarded a Chercheur Boursier “Senior” award by the FRSQ.

Dr. Eric Shoubridge, who was an invited speaker at the First International Workshop on Human Mitochondrial DNA in Washington, D.C. He also delivered two prestigious lectures – the 1998 Graham Mainwood Lecture at the University of Ottawa, and the 1998 Fredrich Baur Lecture at the Fredrich Baur Institute in Munich, Germany.

The MNI differs from the other Killam institutions in that all its Killam funds are devoted to postdoctoral scholars and senior faculty, many of whom hold clinical posts as well. The Trustees are pleased that Mr. and Mrs. Killam's resources are being put to such good use, in support of one of the world's most prestigious Institutes in its field.

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THE CANADA COUNCIL FOR THE ARTS

Last year we reported that the Council had been compelled to reduce the number of new Killam Research Fellowships from the usual 14 or 15 each year to nine, and that this level would be maintained for the foreseeable future. This was due to lower returns from the financial markets.

What a difference a year makes! The Council was able to award 13 new Fellowships for 1998-99, and expects to be able to continue at this level for the next few years.
One exciting new feature of the Council’s way of doing business is its online Internet-based procedure for applying for Killam awards. For the time being, this method of applying is optional. Of the current year’s 105 applications (for Fellowships tenable in 1999-2000), 40 were received by the new technology, and another 17 were received both electronically and in hard copies. The major obstacle to 100% compliance was the fact that scientific notations and graphics files could not be accommodated directly in the application. For the next competition (2000-2001), current plans are to require all applications via the Killam web site:

www.canadacouncil.ca/scripts/killam/default.asp.

The average award for a Killam Research Fellowship is now in the range of $68,000 to $70,000 per year, for two years. At these levels, they remain some of the most sought after fellowships in the country.

The Council’s Killam Selection Committee continues to read like a “who’s who” of Canadian scholarly talent, in spite of the significant changes this year in its makeup, with the replacement of 10 of the 15 members. The expert advice of Dr. Peter Morand, former President of NSERC and Special Consultant to the Killam Program, ensures that the Committee is representative of researchers across Canada. The group includes one previous Killam Prize winner (Dr. Michel Chrétien, Medicine 1995) and one member who, though not from full time university ranks, is responsible for the largest industrial research program in Canada. Dr. Claudine Simson, Vice-President of Global Research and Intellectual Property for Northern Telecom does, however, keep up active ties with the academic community, as an Adjunct Full Professor at the University of Toronto, an Executive Council member of the National Research Council and an active member on the
boards of several university and research institutions. She is, for example, a member of the Industrial Advisory Boards of Carleton University, The University of British Columbia and Georgia Tech University in Atlanta. This Fall she received her first Honorary Doctorate, from the Université du Québec à Hull, having received her bachelor degree in electrical engineering and her Ph.D. in semiconductor physics from the Institut National des Sciences Appliquées in Toulouse, France in the late 1970's.

The Trustees are very appreciative of the fine work done by Dr. Chrétien, Dr. Simson and all of their colleagues in adjudicating the large number of extensive applications the Council receives each year for its Killam Research Fellowships and Killam Prizes.

Carol Bream, Director of Endowments and Awards at the Council, continued this past year her extensive program of visits to Canadian universities. Her aim is to heighten awareness of the Council’s Killam Programs, and to meet past and potential applicants and university research officers. She concentrated mainly on Central Canadian and Western universities during this period, and will make a tour of Atlantic universities a priority for 1999.

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THE UNIVERSITY OF CALGARY

In previous years the composition of the Killam Scholarship Committee at the U of C differed somewhat from that of the other Killam universities. In addition to the Trustees the Committee comprised the Dean of Graduate Studies, a member of the Board of Governors, a former Killam Scholar, and three members of the academic staff drawn from faculties
having students eligible to participate in the Killam Scholarship program. The U of C has now changed its Committee structure to fall more into line with those at the other Killam universities. The Trustees take a fairly relaxed view of these matters; provided the general requirements of the Will are met, whatever works best for each institution is fine by us.

This is perhaps the right time to explain that the Trustees, though members of the Killam Scholarship Selection Committees at all of the Killam institutions by virtue of Mrs. Killam’s Will, do not consider that their role includes passing judgement on the academic or research qualifications of the candidates for the Killam Scholarship. (We can almost hear your sigh of relief!) Rather, the Trustees are there simply to ensure that the selection process is fair, so that the results will coincide as nearly as possible with Mrs. Killam’s goals in setting up the Killam Scholarship program. Also, membership on these Committees allows the Trustees to pass on to each institution some of the wisdom and new ideas they may have gleaned from the others. This is, we believe (and the Killam institutions all confirm it), a most valuable feature of the scheme laid down by Mrs. Killam in her Will.

The U of C’s committee this year awarded six new full Killam Predoctoral Scholarships, the same as last year's complement (all of which have been renewed in the current period). In addition, the U of C has on stipend ten Honorary Killam Predoctoral Scholars in both the first and the second year of their tenure; as with the other Killam institutions, these are scholars who have received external awards such as NSERC and SSHRC grants or, in the case of students from Alberta, the prestigious Steinhauer Award.

*Dr. Zhong-Ping Feng* has been selected as the recipient of the U of C’s Killam Postdoctoral Fellowship, the third scholar to be awarded this distinction since the Fellowship
was initiated in 1995. Dr. Feng is a member of the Department of Paediatrics, Faculty of Medicine. She completed her medical degree and training in 1993 at Sun Yat Sen University, China, and received her PhD from the U of C in 1998. During her tenure as a Killam Postdoctoral Fellow, Dr. Feng proposes to investigate the physiological basis for the increased risk of Sudden Infant Death Syndrome (SIDS) in newborns pre-natally exposed to cigarette smoke.

The U of C is excited about the recent appointment of two new Killam Chair holders, Dr. Nigel Shrive and Dr. Roy Gravel. Dr. Shrive will join the Faculty of Engineering, with cross-appointments in the Faculties of Medicine and Kinesiology, and will work in the area of biomedical engineering research. Dr. Gravel, formerly of the Montreal Children’s Hospital Research Institute, will develop an inter-disciplinary nutritional genetics research program in collaboration with colleagues in the Faculties of Medicine and Kinesiology.

This year the U of C plans to resume its Killam Visiting Scholar awards. These are intended to bring to the campus distinguished scholars who, by their presence and participation in research and teaching, will make a significant contribution to academic life at the University. Awards are made either for the Fall or Winter term, and include an honorarium of $20,000 plus a travel and research allowance of $3,000.

The Killam Resident Fellowships are awarded annually to U of C scholars in recognition of their merit in research, teaching or public service. The Fellowships are tenable for four months, during which the Fellows conduct their work in residence at the U of C. Six scholars have been elected to Fellowships in the Fall term, and another four in the Winter term commencing January 1, 1999.
The Killam Trustees congratulate the U of C for the imaginative use it has made of funds from the Killam General Endowment, by establishing the Killam Visiting Scholar program and the Killam Resident Fellowship program. These are unique to the U of C, and nicely fulfill the objective of bringing to the attention of a wide circle the resources that are at the University’s disposal as a result of the Killam gifts.

University of Alberta

The market value of the U of A’s Killam Trusts stood at $82.5 Million as of March 31, 1998, up an astounding $19.6 Million in one year! No doubt this torrid pace will slow – indeed, it already has – but one can only stand in awe of an investment return of 31% after annual expenditures of five percent of market value.

On the scholarship side, the U of A continues to do equally well. Some 26 new Killam Predoctoral Scholarships (eleven of them Honorary) were awarded this year, an increase of six over last year. In addition, seven Killam Postdoctoral Fellowships (two Honorary) were awarded, the same as last year.

Dr. David Schindler in the Department of Biological Sciences and Dr. Valery P. Frolov in the Department of Physics continue as the U of A’s Killam Memorial Chairholders.

This year, the U of A awarded eight Killam Annual Professorships. These awards are given to professors possessing a record of outstanding scholarship and teaching over three or four years, combined with a record of substantial
contribution to the community beyond the University. These annual professorships carry a prize of $2,500, and are funded from the U of A’s Killam General Endowment.

The U of A very diligently and successfully promotes the Killam name through a series of initiatives unique to it. Their practice of inviting off-campus visitors to participate in the annual Killam Awards Dinner for new Killam Scholars helps publicize the Killam Program more widely, puts a focus on the research being conducted there, and may encourage others to emulate the generosity of the Killam bequest by making their own gifts to the University. The external visitors tell the U of A that they enjoy the chance to meet the University's top scholars, and have gained a better appreciation for the high quality of research work taking place at the U of A.

On April 8 of this year the U of A hosted its annual Killam Fireside Chat. This event provides Killam Postdoctoral Fellows, Chairs from the Fellows' departments, external friends of the University and members of the Postdoctoral Fellowship Selection Committee with an opportunity to become acquainted with and discuss matters related to Killam Postdoctoral Fellowship programs. There seems to be general approval for these Fireside Chats, which give interested parties the chance to meet informally and contribute to the workings of the Killam endowments at the University of Alberta.

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THE UNIVERSITY OF BRITISH COLUMBIA

Dr. Dianne Newell, former Associate Dean in charge of Awards and Doctoral Orals, passed on her responsibilities for the Killam Predoctoral Scholarships to Dr. Don Mavinic, the new Associate Dean, in September, 1998. Dr. Mavinic reports that 15 Killam Predoctoral Scholarships were awarded this year, joining 22 scholars who received renewals. Their stipend remains unchanged at $20,000 per annum.

UBC awarded nine new Killam Postdoctoral Fellowships for 1998-99. In addition, there are 15 continuing Fellows. As a result of the significant budget increases received this year by the major federal research granting agencies, which led to increased stipends for postdoctoral scholars funded from those sources, UBC decided to raise the Killam Postdoctoral Fellowship stipend to $36,000, beginning in 1999. The University has also raised the one time travel allowance associated with the Scholarship from $2,000 to $3,000, effective this year.

In addition to its Killam Predoctoral and Postdoctoral Scholarships, UBC also awards Killam Faculty Research Fellowships valued at $15,000 plus a $3,000 research and travel allowance, and Killam Research Prizes valued at $5,000 each.

Within the Killam Faculty Research Fellowship group, eligibility for the “junior” award category was extended to fourteen years post-PhD, with tenure now a requirement. Preference is given to applicants in the junior category, with only two of the eleven Killam Faculty Research Fellowships being awarded to senior faculty.
Each year, UBC awards ten Killam Research Prizes, five in the humanities and social sciences and five in the natural, applied and health sciences. At least three of the Prizes in each of these groups are awarded in the senior category, but typically at least one junior Prize is given.

The Trustees are particularly grateful to UBC for its efforts this year in helping out with the Canada Council Killam Prize Dinner held in April, and also with the Killam Annual Lecture to be given by Dr. Michael Smith on December 10. Both are discussed in more detail earlier in this Report.

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“Time like an ever-rolling stream bears all its sons away”, so the old hymn tells us. (Daughters too, we suppose.) So it is too with those who serve the Killam cause (but not, thankfully, with the same measure of finality!) “And well it should”, we hear you say, given the extraordinary demands – of which the Trustees are fully aware and sincerely appreciative – on those who have to adjudicate the hundreds of Killam Scholarship and Prize applications and administer the myriad other Killam Programs.

This year sees the departure of Donna Scott as Chairman of the Canada Council for the Arts. We thank her most warmly for her leadership over the past three years; Donna’s heart truly was with the Council’s Killam Programs. We also salute Roch Carrier, recently retired Director of the Council, as another staunch Killam friend during his tenure. In their places we welcome Jean-Louis Roux, the new Chair, and Shirley Thomson, the new Director of the Council.

In June, 1998, Dr. Murray Gray stepped down as Dean
of Graduate Studies and Research at the University of Alberta. Murray too was a “Killam stalwart”. His replacement as Dean, Dr. Mark Dale, was himself a Killam Scholar (at Dalhousie), and we warmly welcome him to his new post.

These fine scholars and administrators, together with their many colleagues in both the academic as well as the finance and administration sides of the house, deserve the deep gratitude of all who have benefitted from the Killam legacy for their untold hours spent on Killam business. Without them, the Killam Programs simply could not exist. We, the Trustees, join all Killam Scholars and Prize winners in expressing our thanks.

Finally, a profound “thank you” to all the excellent scholars who have honoured the Killam name over the past year by accepting a Killam award.

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John H. Matthews  
W. Robert Wyman  
M. Ann McCaig  
George T.H. Cooper, Q.C., Managing Trustee

Trustees of the Estate of the late Dorothy J. Killam  
Halifax, Nova Scotia

November, 1998
KILLAM AWARD WINNERS
1998

LISTED BY INSTITUTION

UNIVERSITY OF ALBERTA

Killam Predoctoral Scholars

New Scholars
Abbott, Sean; Biological Sciences
Bac, Murat; Philosophy
Binsted, Gordon; Physical Education and Recreation**
Colpitts, George; History and Classics
Couture, Jean-Claude; Secondary Education**
Copland, Luke; Earth and Atmospheric Sciences
Crane, Patricia; Biological Sciences
De Sousa, Grace; English**
DiBattista, Jeffrey; Civil and Environmental Engineering
Friesen, Christine; Psychology**
Giesbrecht, Barry; Psychology**
Gobbett, Brian; History and Classics
Hajjar, Dany; Civil and Environmental Engineering**
Jacques, Melissa; English**
Khoo, Heng Aik; Civil and Environmental Engineering
Lee, Gregory; Mathematical Sciences
Leipert, Beverly; Nursing
McFarlane, Douglas; Biological Sciences**
Musacchio, Alberto; Anthropology
Noble, Brian; Anthropology
Pratt, Vera; Agricultural, Food and Nutritional Sciences
Robinson, Lindsay; Agricultural, Food and Nutritional Sciences**
Thue, Laura; Sociology**
Tourangeau, Ann; Nursing**
Warburton, Darren; Physical Education and Recreation
Wong, Yoke Sum; Sociology

** Honorary 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.
Renewal Scholars
Allan, Douglas; Physiology
Cogan, Karen; Educational Psychology
Crenna, Brian; Earth and Atmospheric Sciences
Dobson, Teresa; Secondary Education**
Ebbers, Margaretha; Elementary Education
Ekeltchik, Serguei; History and Classics
Frolov, Andrei; Physics**
Gu, Yongan; Mechanical Engineering
Han, Bin; Mathematical Sciences
Harper, Karen; Renewable Resources
Hiebert, Jennifer; Biological Sciences
Howland, Kimberly; Biological Sciences**
Jerome, Lori; Biological Sciences
MacKinnon, Michael; Anthropology
Plews, John; Modern Languages and Cultural Studies
Reid, Doreen; Educational Policy Studies
Smyth, Heather; English**
Williamson, Catherine; Comparative Literature, Religion and Film/Media Studies

Killam Postdoctoral Fellows

New Scholars
Cheng, Liying; Educational Psychology
Frishkopf, Michael; Music
Nevins, Monica; Mathematical Sciences
Ssorin-Chaikov, Nikolai; Anthropology
Wall, Glenda; Sociology
Robertson, Ian; Biological Sciences**
Vinebrook, Rolf; Biological Sciences**

Renewal Scholars
Boychuck, Gerard; Political Science
Gabriel, Christine; Political Science
Hudson, Jeff; Biological Sciences
Rullmann, Hotze; Linguistics
Siemens, Raymond; English
Snodgrass, Jeffrey; Anthropology
Xu, Yunjie; Chemistry
Yan, Hua; Physics

Killam Annual Professors
AbouRizk, Simaan; Civil and Environmental Engineering
Adamowicz, Wiktor; Rural Economy
Chanasyk, David; Renewable Resources
Fedorak, Phillip; Biological Sciences
Gibbins, Michael; Accounting and MIS
Hart, Jonathan; English
Prepas, Ellie; Biological Sciences
Rajaratnam, Nallamuthu; Civil and Environmental Engineering

Killam Chairs
Frolov, Valery; Physics
Schindler, David; Biological Sciences

THE UNIVERSITY OF BRITISH COLUMBIA

Killam Predoctoral Scholars

New Scholars
Audet, Julie; Chemical Engineering
Branzei, Oana; Commerce
Cooper, Kendra; Electrical Engineering
Dautovich, Nancy; Sociology**
Desbiens, Caroline; Geography**
Dimaio, Simon; Electrical Engineering
Dobozy, Tamas; English**
Dragan, Nicolae; Economics
Ferguson, Heather; Zoology**
Fudge, Douglas; Zoology
Furness, Nancy; Plant Science**
Hahn, Mari; Music
Pelletier, Marie-Hélène; Counselling Psychology**
Ralph, Steven; Biochemistry**
Zechel, David; Chemistry**

Renewal Scholars
Baldwin, Lyn; Botany**
Beisner, Beatrix; Zoology
Chan, Christina; Earth and Ocean Sciences
Chwelos, Paul; Commerce
Coburn, Glen; Biochemistry and Molecular Biology
Dearden, Richard; Counselling Psychology
Fournier, Patrick; Political Science
Garlappi, Lorenzo; Commerce
Hamming, Kevin; Neuroscience**
Hanson, Laura Ann; Psychology
Lee, Sherry; Music**
Lewis, Gregory; Mathematics
Liu, Yanjun; Economics**
MacPherson, Seonaigh; Language Education
Marshall, Nicole; Forestry**
Killam Postdoctoral Fellows

New Scholars
Alderson, Kai; International Relations
Cook, Meira; English
Day, Troy; Zoology**
Kezer, Zeynep; Architecture
Klassen, Anne; Paediatrics
Marcus, Sandra; Biotechnology Laboratory**
Murashov, Vladimir; Chemistry**
Weinstein, Steven; Philosophy
Williams, Spencer; Chemistry

Renewal Scholars
Abramson, Daniel; Community and Regional Planning
Camp, Philip; Chemistry
Devereaux, Simon; Green College
Knight, Peter; Zoology
Oman, Natalie; Law
Sundin, Lena; Zoology**

Killam Faculty Research Fellowships
Brunnee, Jutta; Law
Copeland, Brian; Economics
Duff, Sheldon; Chemical and Bio-Resource Engineering
Jackson, Michael; Electrical and Computer Engineering
Kay, Fiona; Anthropology and Sociology
Kindler, Anna; Curriculum Studies
Mostow, Joshua; Asian Studies
Pue, Wes; Faculty of Law
Ries, John; Commerce
Reiner, Neil; Medicine

Killam Faculty Research Prizes
Benbasat, Izak; Commerce
Calvert, Steve; Earth and Ocean Sciences
Clowes, Ron; Earth and Ocean Sciences
Lum, Ken; Fine Arts
McIntosh, Lawrence; Biochemistry and Molecular Biology
Quartermain, Peter; English
Ray, Arthur; History
Van Breemen, Casey; Pharmacology and Therapeutics
Ward, Rabab; Electrical and Computer Engineering
Zacher, Mark; Political Science

Killam Teaching Prizes

Arseneau, Richard; General Internal Medicine
Borden, Carol; Botany
Chan, Eunice; Food Science
Courneya, Carol-Ann; Physiology
Fannin, R. Jonathan; Forest Engineering
Freedman, Ruth; Commerce
Hill, Philip; Mechanical Engineering
Holl, F. Brian; Plant Sciences
Irwin, Rita; Art Education and Curriculum Studies
Jackson, Michael; Electrical and Computer Engineering
Levine, Marc; Pharmaceutical Sciences
McCuaig, Margaret; Occupational Therapy
McDonnell, Daniel; Oral Radiology
McWhirter, George; Creative Writing
Miller, Bruce; Anthropology
Orvig, Christopher; Chemistry
Parkin, Christine; English
Porath, Marion; Educational Psychology and Special Education
Price, Colin; Oral Radiology
Rae, A. Lyn; Classics
Waltham, Christopher; Physics
Wasserman, Jerry; English and Theatre
Young, Claire; Law

THE UNIVERSITY OF CALGARY

Killam Predoctoral Scholars

New Scholars

Bateman, David; English
Blackwell, James; Chemistry**
Bondy, Eloise; Clinical Psychology
Boyd, Matthew; Archaeology**
Boyd, Steven; Mechanical Engineering**
Brask, Justin; Chemistry**
Brown, Jo-Anne; Physics and Astronomy**
Feick, Jennifer; Geography**
Gokaraju, Ramakrishna; Electrical and Computer Engineering
Matthews, Leigh; English
Mora, Santiago; Archaeology
Wilkes, Barbara; Anthropology
Wray, Brenda; English**
**Renewal Scholars**
Anderson, Neil; Chemistry**
Crane-Kramer, Gillian; Archaeology
Derksen, Jeffery; English**
Di Luzio, Linda; Sociology
Gavrilov, Dmitri; Mechanical Engineering and Computer Science
Skone, Susan; Geomatics Engineering
Yeung, Ken; Chemistry**

**Killam Postdoctoral Fellows**
Feng, Zhong-Ping; Paediatrics

**Killam Resident Fellows**
Browder, Leon; Biological Sciences
Caird, Jeff; Psychology
Davies, Wayne K.D.; Geography
Joy, Morny; Religious Studies
Katzenberg, M. Anne; Archaeology
Mollin, Richard; Mathematics and Statistics
Nathan, Alli; Finance
Rangayyan, Rangaraj; Electrical and Computer Engineering
Rothers, Michael; Social Work
Vinogradov, Oleg; Mechanical Engineering

**Killam Visiting Scholars**
Hassner, Alfred; Chemistry

**The Donald N. Byers Memorial Killam Prize**
Yeung, Ken; Chemistry**

**Killam Chairs**
Gravel, Roy; Medicine and Kinesiology
Shrive, Nigel; Engineering
THE CANADA COUNCIL FOR THE ARTS

Killam Research Fellows

New Fellows

Bernath, Peter; Chemistry - University of Waterloo
Courtney, John; Political Science - University of Saskatchewan
Dufour, Jean-Marie; Econometrics, Economics and Statistics - Université de Montréal
Ericson, Richard; Law, Anthropology and Sociology - University of British Columbia
Innes, Christopher; English - York University
James, Noel; Geological Sciences - Queen’s University
John, Sajeev; Physics - University of Toronto
Kolb, Bryan; Psychology and Neuroscience - University of Lethbridge
McCalla, Douglas; History - Trent University
McDonald, Arthur; Physics - Queen’s University
Moffat, Anthony; Physics - Université de Montréal
Murty, Ram; Mathematics - Queen’s University
Terzopoulos, Demetri; Computer Science - University of Toronto

Renewal Fellows

Brassard, Gilles; Computer Science - Université de Montréal
Noppen, Luc; Architecture - Université Laval
Parent, André; Medicine - Université Laval
Roby, Yves; History - Université Laval
Thagard, Paul; Philosophy - University of Waterloo
Tomczak-Jaegermann, Nicole; Mathematical Sciences - University of Alberta
van Driel, Henry; Physics - University of Toronto

Killam Prize Winners

Labrie, Fernand; Medicine Laboratoire d’endocrinologie moléculaire - Université Laval
Salcudean, Martha; Engineering - University of British Columbia
Scaiano, Juan; Chemistry - University of Ottawa

DALHOUSIE UNIVERSITY

Killam Predoctoral Scholars

New Scholars

Arch, Jakobina; Biology
Barry, Shauna; English**
Brouwer-White, Brenda; Chemistry
Brown, William; Psychology**
Bryce, David; Chemistry**
Buffett-Jerrott, Susan; Psychology**
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<th>Name</th>
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<td>Faulty of Law</td>
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</tbody>
</table>

**Renewal Scholars**

Baier, Gerald; Political Science  
Barrowman, Nicholas; Mathematics, Statistics and Computing Science  
Beam, Aki Chandra Li; History**  
Bernard, Guy; Chemistry  
Chang, Zunxue; Biology  
Comeau, Nancy; Interdisciplinary**  
Dorrington, Peter; French**  
Fast, Naomi; Biochemistry**  
Gee, Myrlene; Chemistry**  
Green, Catherine; English**  
Hayman, Laura; French
Henderson, Stephen; Oceanography
Johnson, Brian; English**
Judge, Elizabeth; English**
Kroeker, Scott; Chemistry
Kurniawan, Joelius; Biochemistry**
Kynoch, Gary; History**
Lockhart, Susanne; Biology
MacKay-Lyons, Marilyn; Physiology and Biophysics**
MacLaggan, Linda; Physiotherapy
Mason, Cindy; Pharmacology**
McLaughlin, Elizabeth; Psychology**
McLeod, Carolyn; Philosophy**
Shipley, Brian; History**
Shmulevitz, Maya; Microbiology**
Simpson, Christy; Philosophy**
Vaglia, Janet; Biology
Van der Westhuizen, Janis; Political Science
Ward, Nicole; Anatomy**
Wetmore, Stacey; Chemistry**
Xiong, Wei; Pharmacology
Zhou, Juan; Microbiology

Killam Postdoctoral Fellows

Cheng, Zhao-hua; Physics
Harty, Siobhan; Political Science
Islam, Towhidul; Economics
Janara, Laura; Political Science
Rösler, Roland; Chemistry

Killam Professors

Bowen, Anthony; Oceanography
Boyd, Russ; Chemistry
Burford, Neil; Chemistry
Coley, Alan; Mathematics, Statistics & Computing Science
Hall, Brian; Biology
Kreuzer, Hans; Physics
Meinertzhagen, Ian; Psychology
Mitchell, Donald; Psychology
Rusak, Benjamin; Psychology
Wasylischen, Roderick; Chemistry

Killam Prize

Ruan, Shigui; Mathematics, Statistics & Computing Science

Killam Chairs

Meinertzhagen, Ian; Psychology
Myers, Ransom; Ocean Studies
White, Mary Anne; Chemistry; Physics
Montreal Neurological Institute,
McGill University

Killam Scholars

Alonso, Angel
Arnold, Douglas
Barker, Philip
Durham, Heather
Francis, Gordon
Guitton, Daniel
Hastings, Kenneth
Holland, Paul
Miller, Freda
Pike, Bruce
Sadikot, Abbas
Shoubridge, Eric
Stifani, Stefano

Killam Professors

Karpati, George
Wolfe, Leonhard

Dorothy J. Killam Professor

Milner, Brenda