Annual Report of the Killam Trustees
2022

Building Canada’s future through advanced study
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To provide scholarships, fellowships, prizes and other funding to scholars who contribute to building Canada’s future and increasing the scientific attainment of Canadians through research excellence.
Numbers speak volumes.

To date, more than 8,000 scholarships, fellowships, awards & prizes have been awarded to graduate and post-graduate students, faculty and groundbreaking researchers.

Since inception, the Killam Trusts have provided more than $1 billion of funding to higher education in Canada. No other private philanthropic effort has contributed this level of funding to higher education in Canada.

2022

In addition to the many renewed Killam scholarships and fellowships, more than 200 scholars also received support from Killam Trusts in 2022. Congratulations to all.

The new Killam laureates – all of whom are contributing to building Canada’s future – are listed at the end of this report.

Our Values

Research Excellence
Superior, ground-breaking, best-in-class work.

Innovation
Original, future-focused generation of new knowledge and technology that will change the way we live.

Humanity
Compassion, inclusion and understanding of people, cultures and needs with participation among all economic, social and cultural backgrounds.

Multidisciplinary Collaboration
Thoughtful cooperation among scholars, disciplines and institutions.
“The meaning of life is to find your gift. The purpose of life is to give it away.”

– PABLO PICASSO
The Dorothy Killam Fellowship: 
Perpetual, Purposeful, Philanthropy

Why did she do it?

In a 1959 letter to the Canada Council, Dorothy J. Killam’s lawyer, Donald Byers detailed for the first time how Mrs. Killam wanted to build Canada’s future through advanced study using the wealth she had amassed with her late husband Izaak Walton Killam. The letter led to a series of meetings and, during her lifetime, a trial run of her intended scholarship and fellowship program.

Sixty-four years later, with more than a billion dollars having been awarded from the Killam Trusts for advanced study, we ask the important question: why did she do it? What lesson can we learn from Mrs. Killam’s approach to perpetual, purposeful, philanthropy to build Canada’s future?

Not for personal acclaim, but for purpose

One thing seems certain, Mrs. Killam did not start the Killam Trusts for individual acclaim or personal glory. Mrs. Killam and Mr. Byers were steadfast – the donor of the funds for the first Killam scholarships was to remain anonymous.

After initiating contact with Dalhousie University and the Canada Council to “get some notion of the administration of the scholarships,” Mr. Byers made it abundantly clear his client’s name was not to be associated with the scholarships she’d be personally funding.

With favourable results from her “trial run” Mrs. Killam resolved by 1963 that she would make a substantial Anonymous inter vivos gift in favour of Dalhousie and the Canada Council expressly for the purpose of “building Canada’s future by encouraging advanced study.” Notably, the donor of the funds was to remain anonymous. In fact, Mr. Byers made it clear that any disclosure of the donor’s name would result in retraction of the funds.

The first scholarships and fellowships awarded by the Canada Council and Dalhousie University with the funds from Mrs. Killam were made without any recognition of the donor, they were referred to simply as being paid from an “anonymous donor fund.”

So, when, under the leadership of Drs. Suzanne Fortier and Elizabeth Cannon, the Program Advisory Board for the new national fellowship program to be administered by the National Research Council recommended the program be called the Dorothy Killam Fellowship, the Trustees considered the recommendation thoughtfully. We accepted it primarily because we believe the Dorothy Killam story can serve as an inspiration for others dedicated to building Canada’s future.

Not for the short term, but for long-term impact

The plan that Mrs. Killam and her lawyer developed between 1959 and 1965 to frame the Killam program on building Canada’s future through advanced study shows her objective was long-term impact. Her inter vivos fund was followed by the largest testamentary bequest to advanced study in Canadian history. This commitment to the long-term future of Canada was restated in her Will when she said:

“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 attainment of Canadians, to develop and expand the work of Canadian universities, and to promote the sympathetic understanding between Canadians and the peoples of other countries.”

For a perpetual focus on the long-term future of Canada

Mrs. Killam was clear she favoured large and targeted awards, quality over quantity, and not necessarily limited to one year. Her Trustees have been loyal to these guidelines. She preferred that the research awards be used for research
related to major Canadian developments and concerns that would shape Canada’s long-term future, and that they be awarded to those with a special distinction of intellect, likely to contribute to the advancement of learning and win distinction in their fields of study.

Mrs. Killam and Mr. Byers sought to strike a balance by giving institutions flexibility within a framework focused on building the future of Canada. She created a perpetual trust that strikes that balance by giving institutions wide latitude but ensuring their program decisions would always be subject to the oversight and ultimate approval of her Trustees, who would have perpetual succession. Her Trustees would provide oversight through regular meetings and govern programs either through direct approvals or representation on scholarship committees.1

The forward-looking perspective brought by Mrs. Killam is evident from some of the earliest scholarships she awarded from the Anonymous Donor Fund during her lifetime. While she was living, she personally made the final selection for fellowships. In 1964, she awarded six fellowships of $7,500 each (current value $73,000) in areas such as epidemiology, biophysics, marine productivity and computer science. In the early planning phase of Killam programming, areas of research considered worthy of support included:

- The information explosion and communications
- The interaction between humans and their environment in a period of rapid technological change
- Automation and its influence on work and leisure
- Health in a changing society
- The development and utilization of natural resources
- The reappraisal of political, social, and economic institutions
- Social alienation and involvement

These topics of potential research were being identified for Killam programming in the 1960’s!

Mrs. Killam’s perpetual, purposeful, philanthropy was tailored to build the long-term future of Canada at a time when she felt Canada needed a long-term perspective. That’s why she did it.

In 2023, as Trustees, we are pleased to advance her legacy along with the University of British Columbia, University of Alberta, University of Calgary, the Neuro at McGill University, Dalhousie University, the Canada Council, and our newest Killam collaborator – the National Research Council of Canada – now responsible for administration of the National Killam program. We are extremely grateful to all those who help administer and advance the Killam Trusts, forever faithful to Mrs. Killam’s objectives.

Those who have accumulated great wealth over the last half century should look to Mrs. Killam’s perpetual, purposeful, philanthropy for an inspiring precedent.

1 See Appendix A (page 27) for context, commentary and excerpts from the Will.
“My purpose in establishing the Killam Trusts is to help in the building of Canada’s future by encouraging advanced study.”

– FROM THE WILL OF DOROTHY J. KILLAM, 1965
Establishment of the Killam Trusts

As detailed in our Managing Trustee’s message, Dorothy Johnston Killam and Izaak Walton Killam truly believed in the power of education and research. Mrs. Killam wanted to ensure the Trusts would honour that belief by naming specific educational purposes and institutions.

The Killam Trusts were established in 1965 for the benefit of scholars at Dalhousie University, The Neuro (Montreal Neurological Institute-Hospital), the University of Alberta, the University of Calgary, The University of British Columbia (UBC), and the Canada Council for the Arts.

Mrs. Killam selected institutions based upon unique criteria, including the geographic regions of Canada where Mr. Killam had held business interests during his lifetime. The Canada Council received Killam funding as it was originally founded from the estate duties of Mr. Killam, along with those of Sir James Dunn. The Neuro was selected because it had provided excellent medical care to a relative of Mrs. Killam. Further, Mrs. Killam’s personal nurses often were sourced from there. The chart on this page depicts the share each institution received from the original $75 million, back in 1967.

Original Testamentary Bequests
(Not including Anonymous Donor’s Fund)
Our sincere appreciation to all the Killam institutions for their invaluable collaboration in making the Killam programs a great success.
Killam universities rank in the top 20s of Canada’s Top 50 Research Universities.

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### Market Values – Killam Funds

#### University of Alberta

<table>
<thead>
<tr>
<th>Category</th>
<th>2021</th>
<th>2022</th>
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<tbody>
<tr>
<td>General Endowment</td>
<td>$49,403,134</td>
<td>$53,233,129</td>
</tr>
<tr>
<td>Memorial Salaries</td>
<td>$35,331,473</td>
<td>$37,315,622</td>
</tr>
<tr>
<td>Memorial Chairs</td>
<td>$15,289,114</td>
<td>$16,126,537</td>
</tr>
<tr>
<td>Advanced Studies</td>
<td>$41,372,655</td>
<td>$43,771,830</td>
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#### University of Calgary

<table>
<thead>
<tr>
<th>Category</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Endowment</td>
<td>$39,208,578</td>
<td>$40,992,740</td>
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<tr>
<td>Memorial Salaries</td>
<td>$20,336,951</td>
<td>$21,262,423</td>
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<tr>
<td>Advanced Studies</td>
<td>$28,403,866</td>
<td>$29,696,436</td>
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#### Canada Council for the Arts

<table>
<thead>
<tr>
<th>Year</th>
<th>Values</th>
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<tbody>
<tr>
<td>2021</td>
<td>$82,832,018</td>
</tr>
<tr>
<td>2022</td>
<td>$84,102,184</td>
</tr>
</tbody>
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### The University of British Columbia

Chart showing market values for 2021 and 2022.

### Dalhousie University

Chart showing market values for 2021 and 2022.

### The Neuro (Montreal Neurological Institute-Hospital)

Chart showing market values for 2021 and 2022.
Distinct highlights of people, research projects and accomplishments from 2022.
People

The UBC

Andrew Szeri’s term as Provost and V-P Academic ended in early 2022. We acknowledge Andrew’s important contributions to the Killam program at the UBC during his term.

Subsequently, Gage Averill served as pro tem and was officially appointed to this role in December.

Santa Ono left his presidency in mid-October for a new role as president of the University of Michigan. We wish him all the best in his new journey.

Consequently, Deborah Buszard is serving as Interim President and Vice-Chancellor.

Dalhousie University

Deep Saini left his position as President for the role of Principal at McGill University starting April 1, 2023. We wish him success in his new role.

Consequently, Provost Frank Harvey is serving as Acting President until a new one is appointed, while Kim Brooks has been selected as Acting Provost and Vice-President.

The Neuro at McGill

Congratulations to Dr. Guy Rouleau, Director of the Neuro, who was reappointed for a three-year term effective January 1, 2023.

After almost a decade in her role, Suzanne Fortier stepped down as principal and vice-chancellor of McGill University effective August 31, 2022. We thank her for her support of the Killam program at The Neuro and for her ongoing advice and support as co-chair of the National Killam Program Advisory Board.

University of Alberta

Subsequent to Steven Dew’s resignation from his administrative role, Verna Yu was appointed Interim Provost and V-P Academic effective July 1st.

University of Calgary

Penny Werthner was appointed Interim Provost & VP (Academic) following Teri Balsér’s departure in August.
**Research Excellence**

- **A revolution in medicine:** The work of Dr. Pieter R. Cullis, world-renowned lipid nanoparticle pioneer and professor emeritus at UBC, was essential in helping Pfizer and BioNTech create a COVID-19 vaccine.

- **A tiny Nova Scotia invention made history:** Nova Scotia wasn’t traditionally known for satellite building and computer systems for satellites. Dalhousie Space Systems Lab’s changed that with the nanosatellite called LORIS.

- **Implant of insulin-producing cells grown from stem cells:** Researchers at the U of A achieved another milestone in efforts to get patients with diabetes off injected insulin for good.

- **Multiple Sclerosis (MS):** There is no good treatment to stop or reverse the progression of primary progressive MS – the least treatable form of MS. However, promising research results open door for potential larger-scale study of generic drug for MS.

**Innovation**

- **Acute Ischemic Stroke:** A better way to treat it, saving critical time and complication. Researchers from the U of Calgary were part of the largest stroke clinical trial ever run in Canada.

- **Accelerating innovation and entrepreneurship:** Dalhousie received an international award for its work facilitating the transformation of student and researcher innovations into commercially viable products and services.

- **Artificial intelligence (AI)-based diagnostic tool:** Cardiomyopathies come in many different forms and often develop differently, and the AI-based software can be trained to recognize the patterns and assist physicians to make the correct diagnosis.

- **From the lab to the market:** With the help of a partnership, researchers at the U of A are pursuing new ideas and technologies to help make the agriculture and food sectors more sustainable and profitable, therefore addressing critical challenges facing the global agri-food sector.
Humanity

• Outstanding work in the history of Canada: Dr. Afua Cooper receives the Royal Society of Canada’s J.B. Tyrrell Historical Medal for fundamentally shifting the conversation in Canada on history, race, and equity.

• Ethics in correctional healthcare settings: This research focused on developing a nuanced understanding of how people who are incarcerated experience pain, using a relational ethics approach to interpret the data and develop clinical recommendations. The findings highlight how isolation, fear, and existential crisis, can impact pain experiences.

• Anti-Racism and Inclusive Excellence (ARIE): A year after its inception, UBC’s ARIE Task Force has released its report containing 54 recommendations to address systemic racism against Indigenous, Black and People of Colour (IBPOC) within the UBC.

• Advocating for inclusion and equity: Working with communities committed to addressing homelessness in rural, remote and Indigenous communities and engaging with people of diverse cultures and backgrounds.

Multidisciplinary Collaboration

• Driving research on ALS: The Neuro is at the heart of a Canadian initiative to increase collaboration between scientists across the country as well as with patients who could help propel research. By bringing together different techniques and perspectives, the level of collaboration and the breadth of material collected exceeds current international initiatives.

• Spinal Cord Injury (SCI): Mend the Gap is bringing together scientists, engineers, clinicians, translation specialists, and the spinal cord injury community to tackle the complexity of SCI and work on a novel approach that may help people with SCI.

• Interdisciplinary work in regenerative medicine: Collaborations with physicians, veterinarians, cell biologists, and engineers working towards a common goal of helping patients heal, to mitigate scar formation and restore normal tissue function after injury.

• Using different disciplines to solve health challenges: This new multidisciplinary department of biomedical engineering will build on the previous achievements of a successful intersection between medicine, engineering, science, kinesiology, nursing and veterinary medicine.
Killam Trusts is proud to introduce the 2022 scholarship, fellowship and other award recipients.
Killam Doctoral New Scholars
Sadegh Aghapour Aktij Chemical and Materials Engineering
Bridget Alichie Sociology
Breanne Aylward School of Public Health
Juliana Balluffi-Fry Biological Sciences
Chentel Cunningham Nursing
Jhon Ralph Enterina Medical Microbiology & Immunology
Maged Gouda Civil & Environmental Engineering
Kirsty Keys Educational Psychology
Aditi Khare History, Classics & Religion
Connor Lambert Psychology
Angeline Letourneau Resource Economics & Environmental Sociology
Shubham Soni Pediatrics
Alexa Thompson Laboratory Medicine & Pathology
William Wadsworth Anthropology

Dorothy J. Killam Memorial Graduate Prize
Connor Lambert Psychology
Angeline Letourneau Resource Economics & Environmental Sociology
Shubham Soni Pediatrics

Izaak Walton Killam Memorial Postdoctoral New Fellows
Lisa Brooks History, Classics & Religion
Justin Mooney Philosophy
Segun Olatinwo Computing Science

Dorothy J. Killam Memorial Postdoctoral Fellow Prize
Lisa Brooks History, Classics & Religion

Killam Accelerator Research Award (2021-2024)
Bukola Salami Faculty of Nursing
Danielle Peers Kinesiology, Sport & Recreation

Killam Annual Professorships
Erin Bayne Biological Sciences
Sally Leys Biological Sciences

Killam Award for Excellence in Mentoring
Rebecca Gokiert School of Public Health
Lisa Stein Biological Sciences

Killam Memorial Chairs
Valeri Frolov Professor of Physics
Yingfei Yi Professor of Mathematical & Statistical Sciences
The University of British Columbia

Killam Doctoral New Scholars
Maram Alkawaja Livermore  Population & Public Health
Katherine Baillie  MD/PhD Program
Jennifer Baron  Forest & Conservation Sciences
Omar Bashth  Biomedical Engineering
Katrina Bergmann  Chemistry
Jérémie Bonneau  Civil Engineering
Gregg Eschelmuller  Kinesiology
Bryan Fraser  Oncology
Albina Gibadullina  Geography
Haley Hrymak  Law
Alan Knee  Physics
Annie Lalande  Resources, Environment & Sustainability
Alexandra Lucey  Population & Public Health
Naomi Maldonado-Rodriguez  Kinesiology
Kerry Marshall  Nursing
Robin Metcalfe  Interdisciplinary Studies
Avril Metcalfe-Roach  Microbiology & Immunology
Christopher Meulbroek  Geography
Julia Nakamura  Psychology
Elise Ng-Cordell  Psychology
Jourdain Piette  Chemical & Biological Engineering
Calla Raymond  Zoology
Caralyn Reisle  Bioinformatics
Mark Shakespeare  Sociology
Jeanette Steinmann  Kinesiology
Megan Thomas  Pharmaceutical Sciences

Killam-Donald N. Byers Memorial Prize
Jennifer Baron  Forest & Conservation Sciences

Killam Postdoctoral Research New Fellows
Jonathan Basile  English Language & Literatures
XiWei Ke  Chemical & Biological Engineering
Zhenwei Ma  Pathology & Laboratory Medicine
Christina Prokopenko  Biology
Oliver Wearing  Cell & Developmental Biology
Maya Wind  Anthropology

Killam Postdoctoral Fellow Research Prizes
Sean Hudson Reddon  Medicine
Laura Schummers  Medicine/Family Practice

Killam Accelerator Research Fellowships
Russ Algar  Chemistry
Efrat Arbel  Peter A. Allard School of Law
Gwynn Elfring  Mechanical Engineering
Sabrina Leslie  Michael Smith Laboratories & Physics & Astronomy
Megan Smith  Creative Studies, Media Studies
Camilla Speller  Anthropology

University Killam Professors
Nemkumar (Nemy) Banthia  Civil Engineering
Dominic McIver Lopes  Philosophy
Natalie Strynadka  Biochemistry & Molecular Biology

2022 Killam Laureates | 2022 Annual Report  18
Killam Faculty Research Fellowships

Senior Category:
- Robinder Bedi: Educational & Counseling Psychology, and Special Education
- Jonathan Davies: Botany
- David Tindall: Sociology
- Mary Lynn Young: School of Journalism, Writing, and Media

Junior Category:
- Jason Ellis: Educational Studies (Education)
- Sebastian Prange: Asian Studies
- Daisy Rosenblum: Institute for Critical Indigenous Studies & Anthropology
- Y-Dang Troeung: English Language & Literatures
- Elizabeth Wolkovich: Forest & Conservation Sciences
- Gaoheng Zhang: French, Hispanic & Italian Studies

Killam Award for Excellence in Mentoring
- Sarah Burke: Physics & Astronomy
- Toni Schmader: Psychology

Killam Faculty Research Prizes – Arts & Humanities

Senior Category:
- Karl Aquino: Marketing & Behavioural Science
- Bruce Miller: Anthropology
- David Tindall: Sociology

Junior Category:
- Connor Kerns: Psychology
- Kristin Laurin: Psychology

Killam Faculty Research Prizes – Applied Science, Medicine, Sciences

Senior Category:
- Catherine Johnson: Earth, Ocean & Atmospheric Sciences
- Aly Karsan: Pathology & Laboratory Medicine
- Raymond Ng: Computer Science
- Marina von Keyserlingk: Animal Welfare (Land & Food Systems)

Junior Category:
- Mark Schmidt: Computer Science
Killam Teaching Prizes
Juan Abelló  Mechanical Engineering
Sylvia Bascou-Vallarino  French, Hispanic & Italian Studies
Sandra Brown  Land & Food Systems
Miranda Burgess  English Language & Literatures
Benjamin Cheung  Psychology
Jenny Dickson  Marketing & Behavioural Science
Jillianne Code  Curriculum & Pedagogy
Sarah Finlayson  Obstetrics & Gynaecology
Michael Gordon  Zoology
Kurt Haas  Cellular & Physiological Sciences, and Biomedical Engineering
Michael Krisinger  Biochemistry & Molecular Biology
Fok-Shuen Leung  Mathematics
Johnny Mack (Hay-Nah-Meek)  Peter A. Allard School of Law
Oluwakemi Ola  Computer Science
Jenny Peterson  Political Science
Jeanine Rhemtulla  Forest & Conservation Sciences
Oral Robinson  Sociology
Sudip Shekhar  Electrical & Computer Engineering
Jared Taylor  Zoology
Tracy Tucker  Pathology & Laboratory Medicine
Robert VanWynsberghe  Educational Studies
Jonathan Verrett  Chemical & Biological Engineering
Elyse Yeager  Mathematics

Killam Graduate Teaching Assistant Awards
Jonathan Agyeman  Statistics
Loay Al-Salehi  Mechanical Engineering
Araliya Arnott  Botany
Jennifer Baron  Forest & Conservation Sciences
Lennie Cheung  Land & Food Systems
Madhurima Datta  Dentistry
Ismáil De Sousa  Nursing
Jonathan Feitosa Ferreira  Language & Literacy Education
Jan Hammer  Electrical & Computer Engineering
Damien Huet  Mathematics
Todd Kamensek  Ophthalmology & Visual Sciences
Leah Kuzmuk  Psychology
Torin McLachlan  English Language & Literatures
Julie McNutt  Chemistry
Tiera Naber  Earth, Ocean & Atmospheric Sciences
Arwa Nemir  Pharmaceutical Sciences
Kelsea Perry  Sociology
Hossein Piri  Operations & Logistics, School of Business
Lisa Trainor  Kinesiology (Education)
Killam Doctoral New Scholars
Rachel Eirich  Clinical Psychology
Amy LeBlanc  English
Dana Lowry  Kinesiology
D.Owen Paetkau  Physics & Astronomy
Farzaneh Zangenehnejad  Geomatics Engineering

The Donald N. Byers Memorial Killam Prize
Dana Lowry  Kinesiology

Killam Postdoctoral New Fellow
Meaghan Perdue  Cumming School of Medicine

Killam Annual Professor Awards
Naser El-Sheimy  Schulich School of Engineering
Marina Gavrilova  Faculty of Science
Walter Herzog  Faculty of Kinesiology
Gilaad Kaplan  Cumming School of Medicine
Lina Kattan  Schulich School of Engineering
David Nicholas  Faculty of Social Work

Killam Visiting Scholar
Lena Dominelli  Faculty of Social Work

Killam Chairs
Memorial Chair  Kathy McCoy, Physiology & Pharmacology
Emerging Leader Chair  Melanie Noel, Psychology

Killam Research & Teaching Awards
Cari Din  McCaig-Killam Teaching Award  Faculty of Kinesiology
Carly McMorris  Emerging Research Leader Award (SSHRC)  Werklund School of Education
Aaron Phillips  Emerging Research Leader Award (CIHR)  Cumming School of Medicine
Amir Sanati-Nezhad  Emerging Research Leader Award (NSERC)  Schulich School of Engineering
Mindi Summers  Undergraduate Mentorship Award  Faculty of Science
Suzanne Tough  Research Excellence Award  Cumming School of Medicine
Christine Walsh  Graduate Supervision & Mentorship Award  Faculty of Social Work
Canada Council for the Arts

2022 Killam Prize Winners

Among Canada’s most prestigious prizes for careers in research, the Killam Prizes (one prize of $100,000 in each of the disciplines listed below) have been awarded by the Canada Council for the Arts to five eminent Canadian scholars who have distinguished themselves through sustained excellence, making a significant impact in their respective fields.

Françoise Baylis
Dalhousie University
Humanities

Jeff Dahn
Dalhousie University
Engineering

Carl E. James
York University
Social Sciences

Geoffrey Ozin
University of Toronto
Natural Sciences

Salim Yusuf
McMaster University
Health Sciences

**Special Thanks:** As announced in 2021 and effective in March 2022, the Canada Council for the Arts transitioned the administration of the Killam program to the National Research Council of Canada. We take this opportunity to thank the Canada Council for the Arts for well over sixty years of diligent and faithful pursuit of Mrs. Killam’s aspiration to, in some measure, contribute to the building of Canada’s future. The Canada Council for the Arts will continue to hold and invest the Killam endowments and has graciously passed the administrative torch to the National Killam Program Office newly established at the National Research Council. Both important Canadian institutions were established with foresight, and have the statutory authority to administer bequests aligned with their public mandates. This is a unique public and private partnership whereby individual philanthropy can contribute to national goals in areas of research, scholarship and cultural and artistic expression. We thank all of the leadership and staff who have played a role in building a strong foundation for the National Killam programing and a forward looking lens to help meet the needs of Canada and Canadians in the coming decades.
National Killam Program

As part of the transition from the Canada Council for the Arts to the National Research Council, the Killam program was renamed the National Killam Program. The 2023 National Killam Program cycle and new design were revealed on April 26, 2022.

A National Killam Program Advisory Board was created to enable the administration and delivery of the Program, providing input on strategy and Program operations (program redesign, outreach, promotion and profile building). The Program Advisory Board is comprised of the following members:

Co-Chairs:
Elizabeth Cannon O.C. President Emerita, University of Calgary
Suzanne Fortier President and Vice-Chancellor Emerita, McGill University

Members:
Barbara Sherwood Lollar Professor, University of Toronto
Catalina Lopez-Correa Chief Scientific Officer, Genome Canada
John Hepburn Chief Executive Officer and Scientific Director, Mitacs
Kevin Hewitt Professor, Dalhousie University
Mike DeGagné President and Chief Executive Officer, Indspire

A National Killam Program Selection Committee was also created for recommending winners for both the Killam Prizes and the Dorothy Killam Fellowships. Members on that committee support the National Killam Program definition of research excellence and are committed to upholding Killam values in their deliberations.

Stay tuned for the announcement of the 2023 Killam Prize and Dorothy Killam Fellowship recipients to be shared on our social media in early spring.
Killam Predoctoral New Scholars (Masters)

Fabian Bong  Computational Biology & Bioinformatics
Débora Boratto  Environmental Engineering
Julia Cantelo  Biology
Alexa Davis  Community Health & Epidemiology
Dominique de Waard  Medical Research
Beatrice Devlin  Health & Human Performance
Shadi Dorosti  Biomedical Engineering
Adam Dorrance  Biomedical Engineering
Luis F. Gomez de Alba  Civil & Resource Engineering
Saijan Heerah  Physics
Kristin Levy  Environmental Studies
Ruizhi Liu  Mathematics
Alison MacKellar  Resource & Environmental Studies
Ndidiamaka Oseifiana  Process Engineering & Applied Science
Ashley Robinson  Community Health & Epidemiology
Juliet Rowe  Rehabilitation Research
Brenden Wheeler  Biomedical Engineering
Xiaojie Yang  Communication Sciences & Disorders

Killam Predoctoral New Scholars (Phd)

Ghada Abdelmageed  Process Engineering & Applied Science
Mehdi Adeli  Industrial Engineering
Justine Ammendolia  Interdisciplinary Studies
Broderick Badcock-Parks  Psychology & Neuroscience
Shubham Banga  Pharmacology

Fahimeh Bayeh  Mathematics
Allie Carew  Community Health & Epidemiology
Samantha Crowley  Biology
Bryan Ellis  Mechanical Engineering
Gavin Foster  English
Lindsay Johnston  Civil & Resource Engineering
Nelofar Kureshi  Interdisciplinary Studies
Carson Kuzniar  Computer Science
Leah MacLean  Pathology
Joshua MacMillan  Chemistry
Catrina MacPhee  Clinical Psychology
Brianna McNutt  History
Glen Pridham  Physics
Jack (Hoang) Quach  Health
Dieudonné Toukam  French
Olivia Walker  Pathology
Shelby Williams  Biochemistry & Molecular Biology
Kelsey Williamson  Biochemistry & Molecular Biology

Diverse and interdisciplinary research is on the rise at Dalhousie University. This year’s Killam Laureates reflect the university’s commitment to supporting emerging researchers in a variety of fields.
Killam International Research Award
Sabateeshan Mathavarajah Pathology
Jamil Muradov Medical Neuroscience
Samuel Walmsley Biology

Killam Postdoctoral New Fellows
Núria Bautista Puig Information Management
Benedetta Carnaghi History
Tiffany Fitzpatrick Community Health & Epidemiology
David Hebri Physics & Atmospheric Science
James W. Johnson English
Annemarie Laudanski Biomedical Engineering
Emily Witt Medical Neuroscience
Ahmad Zueter Civil & Resource Engineering

Killam Postgraduate Medical Scholarships
Joel Bierer
Jasmine Mah
Franziska Miller
Colleen O’Connor
Meghan Pike

Faculty of Science Killam Professor
Alastair Simpson Department of Biology
Peng Zhang Department of Chemistry

Faculty of Science Killam Prize
Eric Oliver Department of Oceanography

Izaak Walton Killam Memorial Chairs (2021-2026)
Afua Cooper Department of Sociology & Social Anthropology
Kevin Plucknett Department of Mechanical Engineering

Killam Memorial Research Chairs (2021-2026)
Early Career Researcher Jeanna Parsons Leigh, School of Health Administration
Emerging Researcher Mita Dasog, Department of Chemistry
2022-2027 Killam Scholars – Neurological Sciences
Gary Armstrong Catherine Legault
Julien Doyon Jean-Baptiste Poline
Thomas Durcan David Rudko
Birgit Frauscher Nathan Spreng
Ziv Gan-Or Jo Anne Stratton
Maiya Geddes Christine Tardif
Yasser Iturria Medina

Dorothy J. Killam Professor of Neurology and Neurosurgery
Brenda Milner

Izaak Walton Killam Chair
Eric Shoubridge

2022 Killam Fellow Prize
Jackie Lam

Special Mention
Dr. Brenda Milner, eminent researcher who turned 104 years young in 2022, has received numerous recognitions for her contributions to neuroscience and psychology, including the Canada Council Killam Prize in health sciences in 1983. Her career spans more than 70 years!

Dr. Guy Rouleau has been the Director of the Neuro since 2013. He is the co-founder of the Tanenbaum Open Science Institute, and helped transforming The Neuro into the first academic institution to adopt Open Science principles.

Killam Seminar Series
The Neuro’s Killam Seminar Series invites outstanding guest speakers from Canadian cities and also from the United States and Europe. Seminars are held in-person or virtually depending on the speaker’s preference.
The intention to create the Killam trusts are documented as far back as 1959. Initially Dalhousie University and the Canada Council administered scholarships selection programs and made recommendations directly to Mrs. Killam and she selected scholars.

Mr. Donald Byers of Byers Casgrain was her personal lawyer and in her Will she noted he had the sole detailed and intimate knowledge of her affairs and desires in connection with her Estate for several years.

Mr. Byers was her closest advisor in relation to the establishment of the Killam trusts. He worked closely with Dr. A.W. Trueman, Director of the Canada Council until 1965 in developing the initial scholarship and fellowship programs to be funded.

In 1966, Dr. Trueman was retained directly by the Trustee as a Special Advisor, a Killam Office was established in Ottawa (subsequently relocated to Halifax), and Mr. Byers and Dr. Trueman played active roles in framing the first phase of Killam programs.

In the period from 1967 to approximately 1977 various scholarship programs were launched at Killam Institutions with the direct and active participation of Mr. Byers and Dr. Trueman. As Managing Trustee, Mr. Byers was frequently called upon to provide information on the testator’s intentions and on matters of interpretation.

In late 1966 Dr. Trueman and representatives of UBC, UofA, MNI, Dalhousie and the Canada Council met and worked through and discussed “all aspects of the Killam scholarship program.”

Mr. Byers then characterized the Trustees role and relationship with the institutions as follows:

“I advised them that all trustees proposed to give the various institutions the widest latitude possible, require from them periodic reports in fairly general terms, and only interfere if there seemed a good reason to do so.”

After ten years of Killam programming with the direct involvement, oversight and required approvals from the Trustees, Donald Byers characterized the equilibrium he felt they had achieved, as follows:

“At some time in the future, when Albert Trueman has had enough of the job, we will also probably decide to eliminate any regular “representative” of the Trustees, leaving it to the Universities on their own to do the selection of scholars as they have, in fact, so ably done over the years. The safeguard is that the Trustees have the right to make use of the Will to require formal Scholarship Committees, if necessary, but I think it unlikely that this need will arise in the future.”

In addition to the right to form and participate on Scholarship Committees as provided in clause EIGHTH (7) and (8), the Will provides several direct governance tools, including:

- FOURTH/FIFTH appointment of Trustees with perpetual succession and transfer of property to Trust.
- SIXTH 10(a) Dalhousie Killam Memorial Chairs Fund “subject to approval of Trustees”.
- SIXTH 10(b) University of Alberta memorial Chairs Fund “subject to approval of Trustees”.
- SEVENTH Killam Memorial Salary Fund – “with approval of my Trustees” and “subject always to the approval of my Trustees”.
- EIGHTH (1)(b) permits allocation of funds “in such proportions as my Trustees in their sole and absolute discretion may from time to time decide” for the Killam Trusts. Funds not to be merged.
- EIGHTH (10) authorizes reserve fund in sole opinion and discretion of Trustees for administration and other expenses [to maintain independent trustees].
- TENTH Trustees remain in office “for the purpose of ensuring that the Killam Trusts continue operating as provided for in my Will”.

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**Stay connected.**

*Killam Laureates, we want to hear from you.*

Do you have an important accomplishment we can share on our social media?

Did your name or other details change? If so, we are pleased to update our confidential database.

Direct all requests by email to:
Chantal Dupuis, Administrator of the Killam Trusts
administrator@killamlaureates.ca

And remember to follow us on social media.

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**Killam Trusts**
c/o Bernard F. Miller
951 Beaufort Avenue
Halifax, NS, Canada B3H 3X8

Telephone: +1.902.494.1329

killamlaureates.ca  
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