Killam Calgary Review
1967-2016
The Killam Trustees

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Preface
This booklet outlines the scholarship activities of “The Izaak Walton Killam Memorial Fund for Advanced Studies” at the University of Calgary from 1967 to the present. It is designed for the general information of Killam Scholars so they may know of each other, and for the benefit of those interested in the contribution the Killam bequest has made to the advancement of learning at the University of Calgary.
Table of Contents

The Killams .......................................................... 1
Killam Scholarship Program ...................................... 4
Killam Awards and Prizes ......................................... 4
2016-2017 Killam Pre-Doctoral Laureates ..................... 5
Killam Postdoctoral Laureates ................................... 11
Killam Research and Teaching Awards ......................... 14
Killam Annual Professors ........................................ 18
Killam Visiting Scholars .......................................... 21
Killam Memorial Chairs .......................................... 24
University of Calgary Killam Pre-Doctoral Laureates ....... 26
Membership of the University of Calgary Killam Scholarship Committee ........................................ 35
Membership of the University of Calgary Killam Selection Committee ........................................ 35
University of Calgary Killam Contacts ......................... 36
The Killams

Izaak Walton Killam was born in 1885 at Yarmouth, Nova Scotia, where he had his preliminary schooling and his first experience in business -- selling newspapers. At the age of 18, he was taken on as junior clerk at the Yarmouth branch of the Union Bank of Halifax. He was soon transferred to the Bank’s Head Office in Halifax. In 1904, Max Aitken (later Lord Beaverbrook) noticed Killam’s talents and hired Killam to work for his Royal Securities Corporation. This became a launching point for Mr. Killam’s financial career. He acquired control of Royal Securities Corporation after Lord Beaverbrook returned to England prior to World War I. Instead of moving into ordinary stock brokering and investment businesses, Mr. Killam began a specialized private business devoted to the acquisition, formation, merger and long-term development of various corporate enterprises, particularly in the pulp, paper and power fields. Even in a high profile business, Mr. Killam was a rather reserved man who avoided publicity and was virtually unknown outside of a small circle of close acquaintances.

Mr. Killam’s wife, Dorothy Killam (nee Johnston), was born in St. Louis, Missouri in 1899, of moderately affluent parents. She was well schooled with a good knowledge of French and German, was athletic (with swimming qualifications that could have secured her a place on the U.S. Olympic Team of her time, had she accepted) and widely travelled in America and Europe. She loved company and people generally. She and Mr. Killam were married in 1922, and lived in Montreal.

Mr. Killam, influenced by poor health, retired from active business during his late sixties and made generous arrangements to turn his Royal Securities Corporation over to close business associates. He died suddenly and unexpectedly of heart failure in 1955, leaving all of his large estate to Mrs. Killam. They had discussed what to do with his estate, but in the last years of his life he had not found it possible to write the will that he desired and instead his estate was bequeathed to his wife. Mrs. Killam accepted her husband’s estate upon trust to use it for higher education in the manner they had agreed upon while he lived. She died in 1965, after several years of poor health, leaving a will which gave effect to her husband’s plans and added a substantial contribution to build a children’s hospital in Halifax as a memorial to his legacy.

PURPOSE OF BEQUEST
In establishing this memorial to her late husband, Dorothy J. Killam wanted “to help in the building of Canada’s future by encouraging advanced study … 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.” It was her desire “that those selected to receive scholarships shall be likely to contribute to the advancement of learning or to win distinction in their profession”. At the same time she felt that “a Killam Scholar should not be a one-sided person and each scholar’s special distinction of intellect should be founded upon sound character and good manners.”
Izaak Walton Killam
Killam Scholarship Program

At the University of Calgary the Killam Scholarship Selection Committee is responsible for administering the Pre-Doctoral Scholarship and the Postdoctoral Scholarship division of the Killam bequest to the University of Calgary and approves all awards to candidates recommended to it by the University Graduate Scholarship Committee.

During the past forty-seven years over 400 scholars from virtually every graduate program offering a doctoral degree at the University of Calgary have benefited from Killam awards. These academic units represent a spectrum of interests from the sciences, social sciences, education, engineering, and humanities and constitute four-fifths of the University’s academic units involved in doctoral studies. Since 1967, over $5,500,000 of student support has been forthcoming from Killam resources. This augmentation of student support has been very important to the university in general and to the recipients in particular.

Since 1967, well over 100 different members of faculty have had the opportunity to work with Killam Scholars. Of the scholars who have convocated with a higher degree, the time in program has ranged from two to six years with the average time of residence being four years.

80% of Killam Scholars have been Canadian citizens or landed immigrants; 20% have been from foreign lands and have returned upon completion of their work.

Perhaps the most telling statistic of all is the fact that fewer than one Killam Laureate in ten has withdrawn from his/her program of studies without successful completion.

Killam Awards and Prizes

At the University of Calgary the Killam Selection Committee is responsible for selecting the winners of the Awards and Prizes funded by the Killam bequest to the University of Calgary. These awards include the Research and Teaching Awards, the Annual Professors program, the Visiting Scholars program and the Memorial Chair.
Killam Pre-Doctoral Laureates
2016-2017

Killam Pre-Doctoral Scholarships are awarded to doctoral students of outstanding caliber. They have been highly ranked in the graduate awards application and adjudication process by the Graduate Scholarship Committee of the University of Calgary. The field of study is unrestricted except for “the Arts” as defined in the Canada Council Act and there is no citizenship restriction. The applicant must have completed at least one year of graduate work before start of tenure and must be registered in, or admissible to, a doctoral program. The scholarship is granted for two years. Currently, the award is valued at $36,000 for twelve months, including a research scholarship of $3,000.

In the case of candidates for Killam Scholarships who hold other significant funding (ie. Social Sciences and Humanities Research Council of Canada, Natural Sciences and Engineering Research Council of Canada, Canadian Institutes of Health Research) it is the practice of the Graduate Scholarship Committee to recognize the individual’s scholarship achievements through the designation of that individual as a Killam Laureate. These Laureates receive a supplement, when necessary, to bring their award to the value of a Killam pre-doctoral award, and are entitled to use the Killam Research Scholarship.

First Year Laureates

Nelson Berger
Neuroscience
Childhood brain cancers are often treated with ionizing radiation therapy. While radiotherapy is an important and effective treatment for these cancers, it also causes progressive neurological and cognitive decline that worsens the younger a patient is treated. Dan’s research focuses on the cellular and molecular mechanisms that might underlie these “late effects” of radiotherapy, and specifically, how different types of brain cells respond to DNA damage induced by ionizing radiation. This research may inform strategies to provide patients with the safest, most effective brain cancer treatments.

Valentina Bertolani
Music
The second half of the twentieth century saw a new conception of music as a performance event and a rise in collective production and improvisation. Valentina’s research examines this phenomenon through the network around four collectives of improvisers active in the United States, Canada and Italy between 1963 and 1974. The focus is on two intertwined topics that are rarely linked: 1. Cultural diplomacy and travel scholarships during the Cold War; 2. The primacy of performance over the score and creativity outside of traditional productivity.
Clayton Ford Burles  
Psychology  
Ford researches the behavioural and neurological basis of spatial orientation in healthy adults and adults with Developmental Topographical Disorientation (DTD). His research focuses on the retrosplenial cortex and posterior cingulate, brain regions located behind the corpus callosum, the large fiber bundle connecting the two hemispheres of the brain. Ford is currently using functional magnetic resonance imaging techniques to make the case that these regions have specialized sub-regions, and investigate if they play a role in the pathogenesis of DTD.

Lauren Doyle  
Chemistry  
Recent work in the Piers group has focused on the hydrogenation of nitrous oxide, a potent greenhouse gas and ozone depleting agent. Using homogeneous catalysts, nitrous oxide is difficult to activate under mild conditions, thus a unique mechanistic pathway by which this reaction proceeds is under investigation. Efforts towards improving the catalytic activity of these complexes have been made and it is hoped that eventually this system can be applied in a useful way for oxygen-functionalization reactions.

Colin Dubreuil  
Anthropology  
Colin will collect data on wild vervets to explore how they incorporate contextual cues when responding to their own vocalizations. He will augment his naturalistic observations in the wild by experimentally playing back prerecorded vocalizations to the monkeys, while manipulating the contexts in which they are heard. He will also document the variation that exists in signaling behaviour between males and females throughout development to explore the ontogenetic processes which underlie age/sex differences in vocal behaviour.

Elena Favaro  
Geology  
Elena Favaro is a geomorphologist, studying bedrock-abraded landforms on Earth in an effort to relate their mechanics and processes to morphologically similar features on Mars. Her terrestrial research includes features as small as centimeter-scale ridges, to landforms which exceed 10 meters in height. She uses a combination of field work, numerical modelling, and 3D structure from motion reconstruction to identify the controls responsible for the initiation, development, and demise of bedrock-abraded features that are common to both Earth and Mars.

Mark Girard  
Mathematics and Statistics  
Quantum Information Theory is a relatively new field of research that blends concepts and techniques from mathematics, physics, and computer science. At its heart is the effort to understand and answer the following questions: How is information stored and manipulated in quantum systems and how well is this information preserved under physical processes? Mark’s research is focused on solving difficult mathematics problems related to this field, specifically regarding the mathematical characterization and applications of quantum entanglement.
Hyoun Kim
Clinical Psychology
According to clinical lore, people recovering from an addictive behaviour have a tendency to switch to another equally damaging addiction. Termed ‘addiction substitution’, it is poorly understood at the theoretical and practical level. The proposed research will examine the process of addiction substitution, through a mixed-method approach. Specifically, individuals with lived experience will be interviewed to understand the process of addiction substitution. Furthermore, demographics and psychological constructs will be assessed to delineate the characteristics of individuals who engage in addiction substitution.

Jessica Kupper
Mechanical and Manufacturing Engineering
The objective of this project is to optimize parameters of a Dual Fluoroscopy numerical model to enable estimates of tibiofemoral (TF) cartilage surface motions during an in-vivo walking task in healthy male subjects. A weighted centroid approach will be used to determine contact locations of the TF surfaces. Novel and existing measures (e.g., path length and surface velocities) will empirically characterize the TF surface mechanics. Characterizing healthy joint mechanics provides an important baseline against which joint function can be evaluated.

Crystal Kwan
Social Work
Seniors are disproportionately impacted by disasters. For example, in 2013 when Typhoon Haiyan struck the Philippines: 40 percent of the ensuing deaths were seniors, even though seniors comprise a mere 8 percent of the total population. Age alone does not make one vulnerable, and seniors’ vulnerabilities and resiliency is multifaceted and complex. The literature recognizing this complexity is limited. Crystal’s PhD research is an in-depth case study exploring disaster resilience through the perspective of seniors living in a disaster-affected community in the Philippines. Her research is intended to inform the development of more age-inclusive and appropriate disaster management programs, policies, and practices.

Maurice Mohr
Kinesiology
More than 50% of young adults who sustain a serious knee injury during sports will show early signs of knee osteoarthritis in their thirties or forties. The goal of Maurice’s research project is to understand the long-term effects of such knee injuries on lower extremity movement and muscular activation during every-day activities. Insight into chronic movement abnormalities due to a previous injury will guide future rehabilitation programs with the aim to lower the risk for the development of knee osteoarthritis.

Muhammad Omer
Electrical and Computer Engineering
Muhammad aims to improve medical imaging technology for breast cancer diagnosis and monitoring treatment. The TSAR research group at UoC has been developing approaches to image the breast with microwaves. Muhammad is investigating the interactions between ultrasound and breast tissues with the aim of adding this information to the microwave imaging technologies. The synergistic combination of the microwave and ultrasound imaging is expected to lead to new breast imaging systems that may be effective for monitoring breast health.
Scott Seamone  
Biological Sciences  
Scott Seamone researches functional advantages of a stingray design swimming in water. Stingrays are flattened fishes (in the same plane as the substrate) that swim via enlarged and flexible pectoral and pelvic fins. Little is known about how they use their tail in swimming. Scott will use high-speed video to analyze biomechanics in the ocellate river stingray performing walking, gliding, routine/steady and fast-start behaviours.

Tushar Sharma  
Electrical and Computer Engineering  
Tushar’s research focuses on the bandwidth extension techniques for the advanced power amplifiers in order to reduce the hardware complexities in RF base stations for SMART (Simplified, M- Manageable, A- Accessible, and R- Robust T-Technologies) devices. It caters the demands of energy efficient RF amplification systems and RF-to-DC rectifiers to power transceivers/sensors for the next generation wireless systems (5G).

Daniyil Svystonyuk  
Cardiovascular and Respiratory Sciences  
Heart failure is a growing epidemic in Canada that arises when the heart undergoes maladaptive structural remodeling in response to injury. Daniyil and his group have leveraged their understanding of this complex phenomenon towards developing a novel surgical technique that utilizes a biomaterial patch to attenuate the progressive remodeling process. The potential implications of the study may expand understanding of the surgical use of biomaterials in heart failure therapy and may lead to more targeted development strategies that improve their therapeutic efficacy.

Simrika Thapa  
Veterinary Medicine  
Simrika is a second year PhD student under the supervision of Prof. Hermann Schaetzl. She studies the molecular biology of prion diseases, fatal infectious neurodegenerative disorders in man and animals. Her research objective is to define therapeutic and prophylactic tools against prion infections. Her therapeutic research targets the cellular isoform of the prion protein which is essential for prion conversion. For prophylaxis, she uses active vaccination as a promising approach against chronic wasting disease.

Jacqueline Zorz  
Geoscience  
Photosynthetic microorganisms are of interest in biofuel production because they do not require arable land for growth, their growth rate is rapid, and they can be genetically modified. However, large scale production of biofuels from microorganisms has been hindered by issues including high costs, low net energy gains, and unstable microbial cultures. Jackie’s research aims to improve the efficiency of microbial biofuel cultivation systems both through process engineering of microbial communities, and by improving the efficiency of microorganisms through genetic engineering of key metabolic pathways.
Second Year Laureates

Oscar Aleuy Young
Biological Sciences
Oscar’s project aims to contribute the knowledge of climate change impacts on host-parasite interactions in wildlife, developing and refining predictive models based on metabolic theory of ecology. He will be focused on evaluating the impact of Marshallagia marshalli a parasitic worm affecting wild ungulates in North America, in fitness indicators in dall’s and comparing also the key life history characteristics of this parasite across a latitudinal gradient.

Briana Cassetta
Clinical Psychology
Schizophrenia is associated with a wide range of symptoms impacting a number of different domains, including cognitive abilities such as working memory and thinking speed. Relatively little research has examined whether targeted cognitive remediation programs can benefit both specific cognitive abilities (e.g., memory, thinking speed) and the daily lives of those with schizophrenia. Briana’s study aims to investigate whether working memory and processing speed training can enhance thinking skills, as well as daily functioning in individuals with schizophrenia.

Jane Chamberlin
English
Jane Chamberlin’s Pitching Empathy: A Novel is a fictional experiment where the variables are global citizenship, empathy and advertising. As the main character spearheads a charitable ad campaign for non-Western subjects in crisis, she struggles to justify selling trauma – in order to solve it. The novel and its attendant web components raise urgent questions about technology and its implications for altruism in today’s global culture.

Matthew Jordan
Medical Science
Alpine ski racing is the fastest non-motorized sport. As a Northern country, Canada has a significant number of ski racers. The demands of ski racing result in a high incidence of injury to the knee joint ligaments. Knee injuries pose a threat to skier safety and can lead to the development of early onset of degenerative joint disease, which can affect quality of life. Matt is developing a framework for functional assessment to identify risk factors for knee injury in elite and developing ski racers. By developing new functional tests it is expected that risk factors can be identified and modified through training to improve outcome for ski racers.

Ian MacNairn
Anthropology
Ian MacNairn’s doctoral project is an anthropological exploration of community formed through sport, focusing on ultrarunning, a burgeoning extreme endurance sport experiencing rapid global growth. Ian will document community-building, structure, and experience by travelling throughout North America interviewing and observing ultrarunners as they train for and race in events of 50km–5,000km across mountains, deserts, and remote landscapes. The project broadly explores sport development in Canada and the many significant benefits derived from sport participation, individually and societally.
Brendan McAllister  
Psychology  
Brendan’s research is focused on the role of zinc in the brain, and particularly how zinc contributes to processes by which the brain adapts in response to experience. His current project involves using genetically modified mice to examine how dysfunction of the cellular mechanisms that regulate the storage and release of zinc affects how psychological stress impacts the brain, and whether such dysfunction might alter the susceptibility of developing depression-like behaviours in response to recurrent stress.

Krysta Powers  
Biomedical Engineering  
Since the early 1950’s, a single theory has governed the basic understanding of muscle force production. However, within the constraints of this theory, predictions of force during human movement are vastly underestimated. Krysta’s research uses nano-scale muscle biomechanics to investigate the role of the titin protein in muscle force during dynamic contractions. By incorporating the contribution of titin, Krysta’s research seeks to improve upon the fundamental theories of muscle contraction, allowing for more accurate predictions of force, performance and injury during dynamic locomotion.

Kyle Wilson  
Biological Sciences  
Overfishing in recent decades has led to collapsed freshwater fisheries across vast inland landscapes, but forecasting risks of overfishing is exceedingly difficult. Some landscapes appear prone to collapse while others seem resilient, but why such discrepancies exist is unknown. Kyle’s research will apply predator-prey models to predict spatial patterns of the impacts of fishing to understand which landscapes are at risk, where overfishing occurs within those landscapes, and the resiliency of recreational fishes to collapse.
Killam Postdoctoral Laureates
2016-2017

Selected by a special multi-disciplinary subset of the Killam Scholarship Committee, the recipient of this fellowship is an exceptional new scholar who has obtained a PhD degree within two years preceding the competition. The fellowship enables an exceptional new scholar to work at the University of Calgary, consolidate their research training, and develop and initiate original research in their discipline as well as participate in and contribute to the activities of their host department or unit. Currently, the fellowship is granted for two years. It is valued at $45,000 for twelve months, plus a research allowance of $6,000.

First Year Laureates

Dr. Georgia Balsevich
Cell Biology and Anatomy

Dr. Georgia Balsevich will begin as a Postdoctoral scholar at the University of Calgary under the supervision of Dr. Matthew Hill. Georgia earned her Bachelor of Science in Biochemistry at the University of Saskatchewan and her Master of Science in Neuroscience at the University of British Columbia. She received several awards based on academic merit including the top undergraduate award in the Department of Biochemistry and the competitive Canada Graduate Scholarship NSERC. Thereafter, Georgia moved to Munich, Germany to pursue her doctoral studies in the research group of Dr. Mathias Schmidt at the Max Planck Institute of Psychiatry. In her thesis work, Georgia focused on the molecular and behavioural characterization of the co-chaperone protein FKBP51 in energy and glucose metabolism. Georgia received her PhD in April, 2016 with four first-author publications and 8 co-author publications. Her postdoctoral work will expand her research to explore the role of glucocorticoid-endocannabinoid signalling in food reward processes.

Dr. Balsevich began her fellowship on September 1, 2016.
Second Year Laureates

Dr. Yaser Maddahi
Clinical Neurosciences

Dr. Yaser Maddahi received his B.Sc. and M.Sc. from Iran, in Mechanical Engineering and Biomedical Engineering, respectively. He received his PhD degree from the University of Manitoba, Canada. He was an Eyes High Postdoctoral Fellow in Project neuroArm, Faculty of Medicine at the University of Calgary, in 2014. He is currently a Killam Postdoctoral Fellow in Project neuroArm.

Dr. Maddahi was a lecturer and the head of the Robotics and Automation Research Laboratory at the Islamic Azad University in Iran. He has also been a lecturer at the University of Manitoba and the International College of Manitoba (ICM), Winnipeg, Canada. His research interests include haptics, medical robotics, networked robotics, wireless control of teleoperation systems, and hydraulic and pneumatic systems.

Dr. Maddahi began his fellowship on May 1, 2015.
## Killam Postdoctroal Laureates

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Discipline</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>Geoff Power</td>
<td>Kinesiology</td>
</tr>
<tr>
<td></td>
<td>Christian Reus</td>
<td>Chemistry</td>
</tr>
<tr>
<td></td>
<td>Barret Kurylyk</td>
<td>Geoscience</td>
</tr>
<tr>
<td>2013</td>
<td>Jean-Paul Motta</td>
<td>Biological Sciences</td>
</tr>
<tr>
<td>2012</td>
<td>Nicholas Koning</td>
<td>Physics and Astronomy</td>
</tr>
<tr>
<td>2011</td>
<td>Yuen-y ing Carpenter</td>
<td>Chemistry</td>
</tr>
<tr>
<td></td>
<td>Tonya Callaghan</td>
<td>Education</td>
</tr>
<tr>
<td>2010</td>
<td>Campbell Rolian</td>
<td>Cell Biology and Anatomy</td>
</tr>
<tr>
<td>2009</td>
<td>Theresa L. Cowan</td>
<td>English</td>
</tr>
<tr>
<td>2008</td>
<td>Julia Rozanova</td>
<td>Sociology</td>
</tr>
<tr>
<td>2007</td>
<td>Paola Pacifici</td>
<td>French, Italian and Spanish</td>
</tr>
<tr>
<td></td>
<td>Neil S. Holden</td>
<td>Cell Biology and Anatomy</td>
</tr>
<tr>
<td>2006</td>
<td>Darla K. Zelenitsky</td>
<td>Geosciences</td>
</tr>
<tr>
<td>2005</td>
<td>Mark Pickup</td>
<td>Political Science</td>
</tr>
<tr>
<td>2004</td>
<td>Amir H. Mahmoudkhani</td>
<td>Chemistry</td>
</tr>
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<td>2003</td>
<td>Tamara Romanuk</td>
<td>Biological Sciences</td>
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<td>2002</td>
<td>Falk Huettemann</td>
<td>Geography</td>
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<td>2001</td>
<td>Andrew G. Sneddon</td>
<td>Philosophy</td>
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<td>2000</td>
<td>Geoffrey L. Fraser</td>
<td>Geoscience</td>
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<td>1999</td>
<td>Neal M. Williams</td>
<td>Biological Science</td>
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<td>1998</td>
<td>Artur Michalak</td>
<td>Chemistry</td>
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<td></td>
<td>Maureen J. Angen</td>
<td>Educational Psychology</td>
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<td>1997</td>
<td>Euthalia L. Panayotidis</td>
<td>Graduate Division of Educational Research</td>
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<tr>
<td>1996</td>
<td>Liqun Deng</td>
<td>Chemistry</td>
</tr>
<tr>
<td>1995</td>
<td>Gaynor E. Spencer</td>
<td>Cell Biology and Anatomy</td>
</tr>
</tbody>
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Killam Research and Teaching Awards
2016-2017

Created in 2010, the Killam Research and Teaching Awards honour outstanding teaching and research at the University of Calgary. These awards are open to all full-time continuing academic staff. Each recipient receives a $5,000 prize ($3,000 for each Killam Emerging Research Leader Award recipient) and a commemorative certificate at the annual University of Calgary Killam Ceremony.

**McCaig-Killam Teaching Award** is given to an individual for outstanding contributions to teaching and learning at the University. The 2016 McCaig-Killam Teaching Award recipient was Dr. Campbell Teskey, Cell Biology and Anatomy.

**Killam Graduate Supervision and Mentorship Award** is presented to an individual who has a record of supervision and mentorship of Masters and/or PhD students at the University of Calgary. Each year, nominations will rotate between Supervisors who work in a lab-based setting (more typical of Medicine, Science, Engineering and some Social Sciences) and those who mentor students’ independent projects (more typical of Humanities, Fine Arts, some Social Sciences and Education). The rotation will work on a 2:1 basis meaning two years lab-based Supervisors, one year non-lab-based Supervisors. The 2016 Killam Graduate Supervision and Mentorship Award recipient was Dr. Aritha van Herk, English.

**Killam Award in Undergraduate Mentorship** recognizes excellence in mentorship at the undergraduate level, which may include extensive involvement of undergraduates in research, supervision of undergraduate research projects, and pedagogical practices that promote the integration of teaching and research. The recipient of the 2016 Killam Award in Undergraduate Mentorship was Dr. Guido van Marle, Microbiology, Immunology and Infectious Diseases.

**Killam Emerging Research Leader Award** is presented to up to three individuals (one per tri-council) who have, at an early career stage equivalent to 10 years post-awarding of the PhD, made outstanding contributions to research at an area of research recognized by CIHR, NSERC, or SSHRC. The 2016 Killam Emerging Research Leader Award recipients were: Dr. Matthew Hill, Cell Biology and Anatomy (CIHR); Dr. Steve Liang, Geomatics Engineering (NSERC); and Dr. Julie Drolet, Social Work (SSHRC).

**Killam Research Excellence Award** is presented to an individual who has made outstanding contributions to research. Each year, one of the tri-council eligible areas has been selected and will rotate on a 3 year schedule. The 2016 Killam Research Excellence Award was for CIHR researchers, and presented to Dr. Paul Kubes, Physiology and Pharmacology.
Killam Research and Teaching Awards

McCaug-Killam Teaching Award
2015
Dr. David Dick

Killam Graduate Supervision and Mentoring Award
2015
Dr. Susan Graham
Psychology
Dr. Gerald Zamponi
Medicine
2014
Dr. Gerard Lachapelle
Geomatics Engineering
2013
Dr. Benno Nigg
Kinesiology
2012
Dr. Walter Herzog
Kinesiology
2011
John Tyberg
Medicine

Killam Undergraduate Mentorship Award
2015
Dr. Ken Lukowiak
Medicine
2014
Dr. Ebba Kurz
Medicine

Killam Emerging Research Leader Award
2015
Dr. Eric Smith
Medicine
Dr. Tannin Schmidt
Kinesiology
2014
Dr. Carolyn Emery
Kinesiology
Dr. Lina Kattan
Civil Engineering
Dr. Amelia Kiddle
History
2013
Dr. Gil Kaplan
Medicine
2012
Dr. Sean Rogers
Science
2011
Alex De Visscher
Chemical and Petroleum Engineering
2010
Piers Steel
Business
Killam Research Excellence Award
2015
Dr. Linda Fedigan
Archaeology and Anthropology
2014
Dr. Alain Verbeke
Business

.killam Research Leader Award
2014
This award was discontinued
2013
Dr. Brenda Hemmelgarn
Medicine
2012
Dr. Cyril Frank
Medicine
2011
Dennis Salahub
Chemistry
2010
J. Gregory Cairncross
Clinical Neurosciences

Killam Interdisciplinary Research Prize
2014
This award was discontinued.
2013
No recipients selected
2012
Dr. Richard Frayne
Medicine
Dr. Elise Fear
Electrical and Computer Engineering
Dr. Michael Smith
Electrical and Computer Engineering
2011
Nigel Shrive
Civil Engineering
John Tyberg
Medicine

Killam Award for Excellence in Teaching
2014
Dr. David Keegan
Family Medicine
Killam Award for Leadership in Teaching

2014
This award was discontinued.

2013
Dr. Cindy Graham
Science

2012
Dr. Sylvain Coderre
Medicine
Dr. Mary O’Brien
Arts

2011
Ken MacMillan
History

Killam Innovation in Teaching Award

2014
This award was discontinued

2013
Dr. Ian Gates
Chemical and Petroleum Engineering

2012
Dr. William Pelech
Social Work

2011
Emma Read
Veterinary Medicine
Arindom Sen
Chemical and Petroleum Engineering
Killam Annual Professors
2016-2017

Killam Annual Professors are awarded to outstanding nationally and/or internationally recognized professors at the University of Calgary. Winners will have demonstrated excellence in either research, student mentoring, undergraduate teaching and/or graduate teaching. Up to five Killam Annual Professors will be awarded; recipients receive a $10,000 cash prize or research allowance.

Bart Beaty
English
Dr. Beaty is a recognized international authority in comics studies, having created new theoretical and methodological paradigms that fully realize the significance of comics to art, culture, and society. His work has set new methodological standards and repositioned comics in cultural and artistic domains. Dr. Beaty has won numerous awards for his contributions to communications and cultural studies. He has taken on many professional leadership positions, including serving on the executive of the Canadian Association of Chairs of English and chairing the steering committee of the 2016 Congress of the Humanities and Social Sciences, hosted at the University of Calgary.

Andrew Demchuk
Clinical Neurosciences
Dr. Demchuk is a world-leading expert in the use of imaging tools for the treatment of strokes. Amongst his numerous contributions, he recently led a trial that was the first ever to show a significant reduction in mortality for patients suffering from acute stroke. A number of the imaging tools he has helped develop have now become common practice for everyday stroke care worldwide. Dr. Demchuk has been an active leader in academia and clinical practice, including serving on the board of governors of the Heart and Stroke Foundation and the Canadian Stroke Consortium, leading the Alberta Provincial Stroke Strategy, and serving as Director of the internationally recognized Calgary Stroke Program.

Raafat El-Hacha
Civil Engineering
Dr. El-Hacha researches new technologies and systems that use high performance and smart advanced composite materials, such as fiber-reinforced polymer and shape memory alloy, to protect structures from deterioration, natural hazards, and man-made disasters. He has been twice recognized by the Canadian Society for Civil Engineering for his research. Dr. El-Hacha also regularly takes on leadership roles in his field, including serving as a member of the Executive Committee of the International Institute for Fiber-Reinforced Polymer in Construction.

Brenda Hemmelgarn
Medicine
Dr. Hemmelgarn researches gaps in the practice of chronic kidney disease care and develops strategies to overcome these gaps using patient-centered and integrated knowledge translation approaches. She holds the Roy and Vi Baay Chair in Kidney Research as well as several leadership positions, including Head of the Department of Medicine, Director of the Alberta Kidney Disease Network, and Vice-Chair of the Alberta Health Services Board of Directors.
Barry Sanders
Physics and Astronomy
Dr. Sanders is a leading scientist of quantum optics and quantum information, particularly quantum cryptography. His research has allowed scientists to develop the conceptual and technology required to conduct secure quantum key distribution experiments. In recognition of this work, Dr. Sanders has been elected as a fellow of the American Physical Society, the Optical Society of America and the Institute of Physics (U.K.). He currently serves as the Director of the Institute for Quantum Science and Technology at the University of Calgary.
Killam Annual Professors

2015
Dr. Paul L. Beck
Medicine
Dr. Ina Dobrisnki
Veterinary Medicine
Dr. Susan Graham
Psychology
Dr. Lawrence Harder
Biological Sciences
Dr. Braden Manns
Medicine

2014
Dr. Daniel Lai
Social Work
Dr. Gerrit Voordouw
Biological Sciences
Dr. Karl Riabowol
Biochemistry and Molecular Biology, Oncology and Biological Sciences
Dr. Peter Tieleman
Biological Sciences

2012
Dr. Andre Buret
Biological Sciences
Dr. Nancy Moules
Nursing
Dr. U.T. Sundararaj
Chemical and Petroleum Engineering
Dr. V. Wee Yong
Clinical Neurosciences and Oncology
Dr. Gerald Zamponi
Cell Biology and Anatomy and Physiology and Pharmacology

2011
Dr. John Matyas
Veterinary Medicine
Dr. David Pattison
Geoscience
Dr. Anthony Russell
Biological Sciences

2013
Dr. John Ferris
History
Dr. William Ghali
Community Health Sciences
Dr. Susan Lees-Miller
Biochemistry and Molecular Biology, Oncology and Biological Sciences
Dr. Robert Oxoby
Economics
Dr. Keith Sharkey
Physiology and Pharmacology
Killam Visiting Scholars
2016-2017

The Killam Visiting Scholar Awards are intended to bring to the University distinguished scholars who, by their presence and participation in research and teaching, will make a significant contribution to the academic life of the University. Individuals may not apply on their own behalf, but must be nominated by the head of an academic department or division. Awards are made for either the full Fall or Winter Term and include a stipend of $50,000, plus a travel and research allowance of $3,000. Scholars are expected to participate in the teaching and research programs of the host department as well as engage in their own research.

Mr. Joe Morris
Mr. Morris of the New England Conservatory will be hosted by the Department of Music in the School of Performing Arts from January - May 2017. He is an award winning musician, composer and pedagogue in the areas of jazz, contemporary music and improvisation. While at the University of Calgary, he will be involved in two research projects, “The Search for New Modes of Expression” and “The Effect of Dual Task Improvisation on Working Memory and Learning Capacity,” and give public presentations on his published research. He will also team-teach the Jazz Ensemble, New Music Ensemble, and Topics in Contemporary Music course. Mr. Morris will present a series of performances both on campus and to the Calgary music community.

Dr. Steven Chien
Dr. Chien of the New Jersey Institute of Technology will be hosted by the Department of Civil Engineering in the Schulich School of Engineering from September – December 2017. He is a leading scholar in transportation engineering and planning, and Director of the Multidisciplinary Transportation Program at the New Jersey Institute of Technology. While at the University of Calgary, Dr. Chien will participate in a research project, “Planning Optimal and Sustainable Multi-Modal Urban Transit Networks”, for which he will co-supervise a graduate student, teach a post-graduate course on Urban Systems Engineering, offer a research seminar, guest lecture in undergraduate courses, and meet with Calgary Transit.
Killam Visiting Scholars

2015
University of Calgary did not host any Killam Visiting Scholars in 2015.

2014
Dr. John Mason
Mathematics and Statistics

2013
University of Calgary did not host any Killam Visiting Scholars in 2013.

2012
Dr. Harmut Lutz
German, Slavic, and East Asian Studies

2011
Dr. Sally Wyatt
Communication and Culture

2010
Dr. Marie-Claude C. Hofmann
Veterinary Medicine

2009
Alean Al-Krenawi
Social Work

2008
Dr. Kristener Segerberg
Philosophy

2007
Dr. Peter Kaulicke
Archaeology

2006
Dr. Richard Law
Biological Sciences

Dr. Sauro Succi
Mechanical and Manufacturing Engineering

2005
Dr. John Helliwell
Economics

2004
University of Calgary did not host any Killam Visiting Scholars in 2004.

2003
Dr. Sid Huff
Business

Dr. Andrew Thompson, Biological Sciences

2002
Dr. Rainer Unland
Electrical and Computer Engineering

2001
Dr. Lennart Persson
Biological Sciences

Dr. Koichiro Tsurudo
Physics and Astronomy

2000
Dr. Yngve G. Lithman
Anthropology

Dr. Thomas R. Defler
Archaeology

1999
Dr. Vyacheslav S. Babkin
Mechanical and Manufacturing Engineering and Chemical and Petroleum Engineering

Dr. John O’Connor
Kinesiology

Dr. Jean-Baptiste Roulet
Pharmacology and Therapeutics

1998
Dr. Alfred Hassner
Chemistry

1997
University of Calgary did not host any Killam Visiting Scholars in 1997.

1996
Dr. Leigh Hancher
Law

Dr. William S.C. Gurney
Biological Sciences

1995
Dr. James M. Coxon
Chemistry

Dr. Wilhelm Deist
History

1994
Dr. Amritjit Singh
English

1993
Dr. Alan Frost
History

Dr. Andras Hajnal
Mathematics and Statistics

1992
Dr. Joseph Borovsky, Physics and Astronomy

Dr. Robert Kroes
History

1991
Dr. David R. Herbert
Geography

Dr. Vladimir M. Zatsiorsky
Physical Education

1990
Dr. Herman Bianchi
Sociology

Dr. Anthony Verrier
History
1989
Dr. Luis Millones
Anthropology

Dr. Peter R. Odell
Economics
1989
Dr. Luis Millones
Anthropology

Dr. Peter R. Odell
Economics

1987
Dr. Bruce A. King
English

1986
Dr. M.R.W. Brown
Medicine

Dr. Ronald W. Maris
Sociology and Medicine

Dr. Erdogan Suhubi
Mechanical Engineering

1985
Dr. Roger Green
Archaeology

Dr. John G. Harvey
Teacher Education and Supervision

Dr. Gary F. Roach
Mathematics and Statistics

1984
Dr. Horst Helle
Sociology

Dr. J.F. Parr
Biology

1983
Dr. Savitri Ramcharan
Medicine

Dr. Gerald A. Wempner
Mechanical Engineering

1982
Dr. Philip Smith
Psychology

Dr. Nikolaas J. van der Merwe
Archaeology

1981
Dr. Harley Cohen
Mechanical Engineering

Gadjin Msato Nagao
Dr. Religious Studies

1980
Dr. William L. Morton
History

Dr. Kenneth R. Rozee
Biology

1979
Dr. Eugene Forsey
Political Science

Dr. Robert T. Golembiewski
Management

Dr. Jerrold E. Marsden
Mathematics and Statistics

Dr. Aldo Reseigno
Medicine

1978
Dr. William Epstein
Law

Dr. Mary R. Haas
Linguistics

Dr. Francis L.K. Hsu
Anthropology/Sociology

Dr. Camiel W.H. de Loore
Physics

1977
Dr. Brian Barraclough
Medicine

Dr. Alberto Rex Gonzalez
Archaeology

Dr. Thomas Howarth
Environmental Design

Dr. Anthony H.M. Kirk-Greene
History
Killam Memorial Chair

The Killam Memorial Chair is open to distinguished academics in the fields of science or engineering. The successful applicant, who may be an internal or external candidate, will be an internationally recognized scholar with a superior record of attracting and supervising graduate students and postdoctoral fellows. The holder of the Killam Memorial Chair will be expected to:

- pursue a research program that advances University and Faculty research priorities;
- be a major catalyst for interdisciplinary research initiatives on campus, and
- obtain major research and infrastructure funding from peer-reviewed competitions.

In addition to research, the Chair is expected to provide teaching and mentorship to undergraduate and graduate students. The term of the Chair is five years. Appointments to the Killam Memorial Chair are awarded tenure at the time of the agreement, and receive both salary and an annual research allowance.

Dr. Walter Herzog
Faculty of Kinesiology, University of Calgary

Dr. Walter Herzog was appointed as a Killam Memorial Chair at the University of Calgary effective July 1, 2011 for a 5 year term. He was appointed a second term as Killam Memorial Chair on July 1, 2016. Dr. Herzog is an internationally recognized scholar with an outstanding record of attracting, supervising and educating undergraduate, graduate and postdoctoral trainees and a vast record of catalyzing and spearheading major interdisciplinary research initiatives and infrastructure programs.

A full professor in the Faculty of Kinesiology with adjunct appointments in the Schulich School of Engineering, the Faculty of Medicine and the Faculty of Veterinary Medicine, Dr. Herzog is co-director of the Human Performance Laboratory, holds a Canada Research Chair, was elected as a Fellow of the Royal Society of Canada in September 2013 and is a Killam Research Fellow.

Dr. Herzog’s research focus is biomedical engineering, and more specifically in musculo-skeletal biomechanics as it relates to injuries and disease in normal, athletic and elderly populations. His primary focus is on cardiac and skeletal muscle diseases, osteoarthritis, muscular dystrophies, cerebral palsy and stroke.
Killam Memorial Chairs

1999 - 2011
Dr. Nigel G. Shrive
Civil Engineering, Surgery, and Kinesiology

1999 - 2011
Dr. Roy Gravel
Cell Biology and Anatomy, Biochemistry and Molecular Biology, and Kinesiology

1985 - 1998
Dr. Brian Ronald Gaines
Computer Science, Dean of the Faculty Graduate Studies, and Associate Vice-President (Research)

1976 - 1984
Dr. George Ira Drummond
Chemistry, Medical Biochemistry

1967 - 1976
Dr. James Birkett Cragg
Biology, Environmental Science, and Vice-President (Academic)
Killam Pre-Doctoral Laureates
University of Calgary

The Killam Scholarship Committee is pleased to list the following recipients of this prestigious award. The year is that in which the scholarship was first awarded. This is followed by the discipline. The current recipients are printed in bold type.

Sherif Saad Abdelatif (2003) Civil Engineering
Khaled Abdel Rahman (2011 and 2013) Cardiovascular and Respiratory Sciences
Hugh J. Abercrombie (1987) Geology and Geophysics
Mohamed Abousalem (1995) Geomatics Engineering
Gopal Achari (1992) Civil Engineering
S. Robert Adamson (1979) Chemistry
Jean M. Addington (1983) Educational Psychology
Janet A. Addison (1974) Biology
Fathy (Fred) A. Akl (1977) Civil Engineering
Oscar Aleuy-Young (2015) Biological Sciences
Mario M. Aliphat (1981) Archaeology
Gamal E.M. Aly (1971) Electrical Engineering
Lindsay Amundsen-Meyer (2012) Archaeology
Denise L. Andersen (1994) Chemistry
Dustin Anderson (2010) Neuroscience
Kristin Atwood (2011) Sociology
Hammouda E. Badawy (1974) Civil Engineering
Osama A. Badr (1975) Mechanical Engineering
Angela Bardick (2012) Applied Psychology
Michael F. Bardon (1975) Mechanical Engineering
David Bateman (1998) English
Alistair J. Bath (1988) Geography
A. Gayle Belsher (1985 and 1988) Psychology
Gerald P. Belton (1972) Psychology
Nagy N. Bengiamin (1977) Electrical Engineering
W. F. Drew Bennett (2009) Biological Sciences
David A. Bergen (2000) Religious Studies
Nelson Berger (2016) Neuroscience
Dimitrios Berk (1979) Chemical and Petroleum Engineering
Stephen B. Berte (1977) Biology
Valentina Bertolani (2016) Music
Ellen E. Bielawski (1977) Archaeology
Sabine Bisson (2000) Biochemistry and Molecular Biology
James M. Blackwell (1998) Chemistry
Marc Bornhof (2014) Kinesiology
Eloise Bondy (1998) Clinical Psychology
Connie L. Boogaard (1977)  
Medical Science

Meindert Booy (1974)  
Chemistry

Rita T. Boreiko (1981)  
Physics

Kamal K. Botros (1978)  
Mechanical Engineering

Joshua Bourdage (2010)  
Psychology

L. William Bowles (1979)  
Philosophy

Denise M. Bowman (1996)  
Psychology

Matthew J. Boyd (1998)  
Archaeology

Steven K. Boyd (1998)  
Mechanical and Manufacturing Engineering

Anthony N. Boydell (1970)  
Geography

Stephen M. Bradbury (1996)  
Biological Sciences

Susan M. Bradley (1988)  
Chemistry

Cathryn M. Bradshaw (2005)  
Social Work

Justin K. Brask (1998)  
Chemistry

David Bright (1993)  
History

Hayley Bricht (2014)  
Medical Science

Ian R. Brodie (1994)  
Political Science

Peter T. Bromley (1969)  
Biology

Jo-Anne C. Brown (1998)  
Physics and Astronomy

Thomas G. Brown (1970)  
Civil Engineering

Iain C. Bruce (1973)  
Biology

Barbara E. Bryden (1984 and 1999)  
Educational Policy Interdisciplinary and Applied Psychology

James D. Bugg (1987)  
Mechanical Engineering

Andre G. Buret (1990)  
Biological Sciences

Clayton (Ford) Burles (2016)  
Psychology

Lynn J. Burroughs (1999)  
Computer Science

Sarah L. Butson (1986)  
Educational Psychology

Cristine G. Bye (2003 and 2005)  
History

William J. Byrne (1967)  
Archaeology

Richard T. Callaghan (1986 and 1988)  
Archaeology

M. Elizabeth Cannon (1988)  
Surveying Engineering

Lauren Capozzi (2013)  
Kinesiology

Hector A. Carcamo (1995)  
Biological Sciences

M. Emily Cargan (2001)  
English

Patrick H. Carmichael (1985)  
Archaeology

Kevin J. Cash (1988)  
Biological Sciences

Briana Cassetta (2015)  
Clinical Psychology

Christine Ceci (2000)  
Nursing

Jaromir Cekota (1981)  
Economics

Denis Chabot (1986)  
Biological Sciences

Jane Chamberlain (2015)  
English

Yonghua Chen (1990)  
Chemistry

Donna Chen (2014)  
Civil Engineering

E. Lisa Chilton (1999)  
Cardiovascular and Respiratory Sciences

Jacky Chow (2012)  
Geomatics Engineering

Patricia A. Christensen (1969)  
Chemistry

Massimiliano Cimenti (2006)  
Chemical and Petroleum Engineering

Elizabeth A. Clark (1987)  
Geology and Geophysics

Persis B. Clarkson (1981)  
Archaeology

Gregory J. Coates (1973)  
Medical Science

Karen J. F. Coe (1978)  
Educational Psychology

Sorin Cohn-Sfetcu (1973)  
Electrical Engineering

Tracey J. Colella (2005)  
Nursing

Joanna L. Coleman (2007)  
Biological Sciences

Jean P. Collins (1971)  
Psychology

Sandra D. Collins (1994)  
Educational Psychology

Scott Collins (1980)  
Chemistry
Kelsey Collins (2014)  
Biomedical Engineering

Leigh Conroy (2014)  
Physics and Astronomy

Margaret G. Cook (1997 and 2001)  
History

Archaeology

Gillian M.M. Crane-Kramer (1997)  
Archaeology

Johannes S. Cronje (1978)  
Mechanical Engineering

Joseph M. Culp (1980)  
Biology

Colleen Cuthbert (2014)  
Nursing

Daniela E. Herlea Damian (1999)  
Computer Science.

Judith C. Daniiluk (1984)  
Educational Psychology

Henry Davis, IV (1978)  
Educational Psychology

Peter C. Dawson (1993 and 1996)  
Archaeology

Christopher DeBuhr (1994)  
Geology and Geophysics

Yashwant M. Deo (1981)  
Biology

Jeffery A. Derksen (1996)  
English

Wade W. Derksen (1995)  
History

Linda Di Luzio (1997)  
Sociology

Katherine M. Diskin (2003)  
Clinical Psychology

Susan J. Ditchburn (1984)  
Educational Policy and Administrative Studies

Deepakraj M. Divan (1982)  
Electrical Engineering

Clinton J. Doering (2006)  
Neuroscience

Christopher J. Doran (1983)  
Sociology

Sean M. Dougherty (1989)  
Physics and Astronomy

Lauren Doyle (2016)  
Chemistry

David J.A. Dozois (1996)  
Clinical Psychology

Louis J. Dryden (1975)  
Educational Administration

Colin Dubreuil (2016)  
Anthropology

Karen E. Dutton-Marion (1986)  
Geography

Catherine Eastwood (2012)  
Nursing

Michael W. Edwards (1973)  
Economics

Roger B. Eggleton (1972)  
Mathematics and Statistics

Mamdouh El-Badry (1984)  
Civil Engineering

Fathy M. Elkamshoshy (1975)  
Civil Engineering

Abdel-Fattah Elsawaf (1976)  
Civil Engineering

M. Hanie El-Shoubasy (1973)  
Mechanical Engineering

Basia Ellis (2014)  
Psychology

Cameron Ellum (2002)  
Geomatics Engineering

Clinical Psychology

Mohamed H. El-Zahar (1983)  
Mathematics

Ashton F. Embry (1973)  
Geology and Geophysics

Hendrik Enders (2015)  
Kinesiology

Jordan Engbers (2012)  
Neuroscience

Peter Englezos (1988)  
Chemical and Petroleum Engineering

Amanda Epp (2008)  
Clinical Psychology

Richard D. Esau (1986)  
Computer Science

Simon M. Evans (1973)  
Geography

Ahmed A. Ewida (1978)  
Civil Engineering

Lida Fan (2007)  
Social Work

Amin Farshidi (2014)  
Electrical and Computer Engineering

Elena Favaro (2016)  
Geology

Joy A. Fehr (2000)  
English

Jenny L. Feick (1998)  
Geography

Jennifer Ference (2012)  
Clinical Psychology

Ivars G. Finvers (1990)  
Electrical and Computer Engineering
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<th>Name</th>
<th>Year</th>
<th>College</th>
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<tr>
<td>Thomas A. Fish</td>
<td>1980</td>
<td>Psychology</td>
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<td>1969</td>
<td>Psychology</td>
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<td>Scott M. Fitzsimmons</td>
<td>2007</td>
<td>Political Science</td>
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<td>1984</td>
<td>Psychology</td>
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<td>Cornelius E. Foley</td>
<td>1970</td>
<td>Philosophy</td>
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<td>Taya Ford</td>
<td>2012</td>
<td>Veterinary Medicine</td>
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<td>Georgia Fotopoulos</td>
<td>2001</td>
<td>Geomatics Engineering</td>
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<td>Richard A. Fox</td>
<td>1986</td>
<td>Archaeology</td>
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<td>Duane G. Froese</td>
<td>2000</td>
<td>Geography</td>
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<td>Tom H. Fukushima</td>
<td>1992</td>
<td>Computer Science</td>
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<td>Adrian Octav Fulea</td>
<td>1973</td>
<td>Chemistry</td>
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<td>Arthur T.G. Fuller</td>
<td>1997</td>
<td>Electrical and Computer Engineering</td>
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<td>Michael Galic</td>
<td>2008</td>
<td>Neuroscience</td>
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<td>James S. Gardner</td>
<td>1967</td>
<td>Geography</td>
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<td>Shang Gao</td>
<td>2011</td>
<td>Computer Science</td>
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<td>Dmitri Gavrilov</td>
<td>1994 and 1997</td>
<td>Mechanical Engineering and Computer Science</td>
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<td>Marina Gavrilova</td>
<td>1995</td>
<td>Computer Science and Mechanical Engineering</td>
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<td>Claude E. Gazier</td>
<td>1968</td>
<td>Physics</td>
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Kerry T. Hubick (1979)  
Biology  
Mark Huff (2013)  
Psychology

Christopher Hugenholtz (2004)  
Geography  
Curtis Hughey (2012)  
Biochemistry and Molecular Biology

Johanna Hung (2010)  
Neuroscience  
Bruce U. Hunt (1976)  
English

Margaret L. Iveson (1984)  
Curriculum and Instruction  
Chester R. Jablonski (1969)  
Chemistry

Lionel E. Jackson (1974)  
Geology and Geophysics  
Aamir Jamal (2009)  
Social Work

Matthew James (2010)  
Community Health Sciences  
L. Scott Johnson (1990)  
Biological Sciences

Peter R. Johnson (1978)  
Educational Psychology  
Jillian Johnson (2014)  
Psychology

Harry M. Jol (1992)  
Geography  
Ginny M. Jones (1997 and 1999)  
Biochemistry and Molecular Biology

Matthew Jordan (2015)  
Medical Science  
Kunal Karan (1995)  
Chemical and Petroleum Engineering

Eric T. Karlstrom (1979)  
Geography  
Jalal Kawash (1999)  
Computer Science

Melanie R. Keats (2005)  
Kinesiology

Brenda V. Kennedy (1983 and 1987)  
Archaeology

Leslie-Anne Keown (2003)  
Sociology

Mahmoud S.A. Khalil (1977)  
Civil Engineering

Muhammad Khan (2014)  
Mathematics and Statistics

Khalil (2014)  
Mathematics and Statistics

Hyoun Kim (2016)  
Clinical Psychology

Rodney J. King (1980)  
Mechanical Engineering

K. Steven Knudsen (1990)  
Electrical and Computer Engineering

Timothy J. Koh (1995)  
Medical Science

Nicholas Koning (2008)  
Physics and Astronomy

Olga Koutna-Izzo (1986)  
French, Italian and Spanish

Melanie Khu (2013)  
Clinical Psychology

Kathleen S. Kufeldt (1977)  
Social Welfare

Nicholas A. Kuiper (1976)  
Psychology

Prakash P. Kumar (1987)  
Biological Sciences

Jessica Kupper (2016)  
Mechanical and Manufacturing Engineering

Crystal Kwan (2016)  
Social Work

P. Whitney Lackenbauer (1999)  
History

Robert Laird (2005)  
Biological Sciences

Susan B. Langley (1984)  
Archaeology

Cori L. Lausen (2001 and 2004)  
Biological Sciences

Hendrik N. Lekkerkerker (1969)  
Chemistry

Genevieve M. Le Moine (1988)  
Archaeology

Biology

Ryan Lewinson (2013)  
Biomedical Engineering

Yecai Li (1996)  
Geomatics Engineering

Zhe Liang (2003)  
Mechanical and Manufacturing Engineering

Stephen W. Liblorg (1986)  
Chemistry

Lori S. Limacher (2002)  
Nursing

Ronald M. Lindsay (1970)  
Chemistry

Larry R. Linton (1982)  
Biology

Ying Liu (1994)  
Computer Science

Hing Po Lo (1978)  
Mathematics and Statistics

Lisa Lorenzetti (2013)  
Social Work

Louis M. Lorincz (1974)  
Educational Administration

Gregory Lowan (2010)
Graduate Division of Educational Research

Janet H. MacArthur (1986)
English

Justin L. MacCallum (2005)
Biological Sciences

S. Ellen Macdonald (1984)
Biological Sciences

Rhiannon MacDonnell (2010)
Business

Hillary Maddin (2009)
Biological Sciences

A. Scott MacEachern (1985)
Archaeology

Trudy F. MacKay (1975)
Medical Science

Douglas J. MacLeod (2005)
Environmental Design

Joan E. MacLeod (1975)
English

Ian MacNairn (2015)
Anthropology

Michael J.B. MacNeill (1968)
Educational Psychology

Marc A. Maes (1983)
Civil Engineering

Neil S. Magoski (1993)
Neuroscience

Sarah L. Manske (2007 and 2009)
Biomedical Engineering

Craig L. Mantle (2007)
Centre for Military and Strategic Studies

El-Sayed M. Marzouk (1973)
Mechanical Engineering

Nancy J. Matchett (1993)
Philosophy

Cynthia M. Mathieson (1989)
Psychology

Eleanor Maticka-Tyndale (1988)
Sociology

Pierre A. Mattar (2007)
Biochemistry and Molecular Biology

S. Leigh Matthews (1998)
English

Suzan M. Maxey (1980)
Chemistry

Brendan McAllister (2015)
Psychology

Jennifer L. McCann (1995)
Chemistry

Peter H. McCartney (1983)
Archaeology

Gregory E. O. Mcfeetors (2007)
Electrical and Computer Engineering

Bruce E. McKay (2003)
Neuroscience

Leslie T. McLeod (1976)
English

Educational Foundations

Adrianus C. Meesters (1975)
Chemistry

Anil K. Mehrotra (1977)
Chemical Engineering

David R. Mellow (1999)
Philosophy

Grigori I. Melnik (2005)
Computer Science

Israel I. Mendez (2003)
Microbiology and Infectious Diseases

M. Mohamed Metwally (1976)
Mechanical Engineering

Richard A. Meyers (1994)
Geography

Michael Milde (1987)
Philosophy

Myron J. Mitchell (1971)
Biology

Maurice Mohr (2016)
Kinesiology

B. Darlene Montgomery (1983)
Curriculum and Instruction

Leonie Moorhouse Herx (1999)
Neuroscience

Lynn A. Moorman (2007)
Graduate Division of Educational Research

Santiago Mora (1998)
Archaeology

Douglas W. Morris (1976)
Biology

Mark A.H. Morris (1991)
English

Matthew Morris (2014)
Biological Sciences

Michael L. Morrison (1979)
Geology and Geophysics

Dennis Mortimer (1974)
Mechanical Engineering

Leanne Mortimer (2010)
Microbiology and Infectious Diseases

Joanna Moser (2010)
Medical Science

Erin L. Moss (2007)
Clinical Psychology

Jodie Murphy-Oikonen (2010)
Social Work

Scott W. Murray (1993)
History

Marco Musiani (1999)
Environmental Design

James F. Myers (1976)
Psychology

Ali Nader Esfahani (2012)
Music
<table>
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<tr>
<th>Name</th>
<th>Degree Year</th>
<th>Field</th>
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<tr>
<td>Michael C. Nagle</td>
<td>1979</td>
<td>Philosophy</td>
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<td>Marco Navarro-Genie</td>
<td>2004</td>
<td>Political Science</td>
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<td>Louise M. Nelson</td>
<td>1974</td>
<td>Biology</td>
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<td>Tamara Nerlien</td>
<td>2014</td>
<td>Sociology</td>
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<td>Maher A. Nessim</td>
<td>1981</td>
<td>Civil Engineering</td>
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<td>Hieu Van Ngo</td>
<td>2008</td>
<td>Social Work</td>
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<td>Robert W. Nickells</td>
<td>1987</td>
<td>Biological Sciences</td>
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<td>Aboelmagd Noureldin</td>
<td>2000</td>
<td>Electrical and Computer Engineering</td>
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<td>Milton G. Nunez</td>
<td>1981</td>
<td>Archaeology</td>
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<td>Leslie Nuttall</td>
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<td>Jamie S. Ritch</td>
<td>2006 and 2008</td>
<td>Chemistry</td>
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<td>Elizabeth C. Robertson</td>
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<td>1972</td>
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<td>Amrita Roy</td>
<td>2012</td>
<td>Community Health Sciences</td>
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Debra L. Russell (1997)  
Educational Psychology

Samuel J. Ryan (2000)  
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Saeid Saidi (2013)  
Civil Engineering

Anthropology

Davide Salina (2003)  
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