

# Carleton

## UNIVERSITY

146<sup>th</sup> CONVOCATION

Thursday, June 11

# 2015

Ottawa, Ontario, Canada

## 2015 SPRING CONVOCATION

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Doctor of Philosophy for Sprott School of Business; Master of Business Administration; Master of Architecture; Master of Design; Bachelor of Architectural Studies; Bachelor of Industrial Design; Bachelor of Commerce; Bachelor of International Business; Bachelor of Information Technology



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Doctor of Philosophy for Faculty of Engineering and Design; Master of Applied Science; Master of Engineering; Master of Arts; Bachelor of Engineering

## O CANADA

O Canada! Our home and native land!  
True patriot love in all thy sons command.  
With glowing hearts we see thee rise,  
The True North strong and free!  
From far and wide, O Canada,  
We stand on guard for thee.  
God keep our land glorious and free!  
O Canada, we stand on guard for thee.  
O Canada, we stand on guard for thee.

O Canada! Terre de nos aïeux,  
Ton front est ceint de fleurons glorieux!  
Car ton bras sait porter l'épée,  
Il sait porter la croix!  
Ton histoire est une épopée  
Des plus brillants exploits.  
Et ta valeur, de foi trempée,  
Protégera nos foyers et nos droits.  
Protégera nos foyers et nos droits.

# CONVOCATION AT CARLETON UNIVERSITY

## HISTORY

Carleton University is unique within the Ontario university system for several reasons. It was founded in 1942, not by state or church, but through a community movement initiated by the YMCA to provide non-sectarian education for the thousands of men and women who came to Ottawa in support of the war effort. Because of these roots, Carleton has, throughout its history, attempted to meet the needs of the community by making its programs and resources widely available through innovative technologies and lifelong learning opportunities.

Today, Carleton stands among the best comprehensive universities in Canada. It is a dynamic, research-intensive university, committed to providing an outstanding learning experience for its more than 25,000 students. The University offers more than 100 majors, specializations and concentrations in areas as diverse as public affairs, journalism, art and culture, engineering, high technology, and international studies. Today's Convocation ceremony (the calling together of the academic assembly) has its roots in university traditions of medieval Europe.

## COAT OF ARMS



The coat of arms was presented to the University by His Excellency The Right Honourable Ramon John Hnatyshyn, Governor General of Canada, on November 15, 1992, as part of Carleton's 50th anniversary celebrations. It is described in heraldic terms as follows: Sable a maple leaf Gules irradiated and charged with an open

book Argent; And for a Crest: On a wreath Argent Sable and Gules a Phoenix Gules quilled and beaked Or issuing from flames proper; And for a Motto: Ours the Task Eternal; And for Supporters: on a grassy mount on either side a raven Sable beaked and membered or armed Gules.

The open book on the maple leaf signifies that Carleton University is in the nation's capital and that learning is open to all who wish to partake of it. The phoenix, the legendary eternal bird, symbolizes the renewing of learning from older

foundations, in recognition of Henry Marshall Tory's role in the founding of the University when he was 78 years old. Ours the Task Eternal is taken from a Walt Whitman poem entitled Pioneers and ties in with the eternal quality of the phoenix.

The Carleton University coat of arms therefore symbolizes sound learning, good citizenship, and the highest hopes of humanity.

## THE MACE



The mace is a staff symbolizing authority. In the days of knighthood, it was a weapon, but after the 16th century, it became solely a symbol of authority carried by a distinguished member of an assembly. It is used on ceremonial occasions to signify the right of an individual or institution to perform a certain function — in the case of universities, to grant degrees.

At Convocation, the mace is carried by the Marshall of Convocation. During the ceremony, the mace is displayed as an embodiment of the authority of the University.

Carleton's mace was presented to the University in 1976 as a gift from the Chair of the Board of Governors at that time, Mr. Hyman Soloway. It is a silver-plated staff about one metre long. At the upper end there is a bowl marked with the University's coat of arms and the University motto in Latin and English — Opera Nobis Aeterna and Ours the Task Eternal. From the upper portion of the bowl rises a phoenix. Traditional oak leaves surround the lower end of the staff.

## THE DIPLOMA

The diploma the graduates receive at Convocation is the certificate of qualification which publishes the fact that the student has fulfilled all the requirements and completed the prescribed course of study for the degree. As the senior academic legislative body of the University, it is the Senate which has determined whether the requirements have been met. The signatures of the Chancellor and the President of the University appear on the diploma: the Chancellor because of his role in conferring the degree, and the President who, as Chair of

Senate, certifies that Senate has enacted the required motion to award the degree. The Seal of the University is affixed to the diploma as a mark of authentication.

## ACADEMIC DRESS

The academic dress of Carleton University results from a compromise between that found in the ancient foundations of Britain and Canada and the American Intercollegiate Code. All three hoods — bachelor's, master's, and doctor's — are of the simple or Oxford shape. The bachelor's hood is made of black stuff. The master's and doctor's are made of black silk. All are lined with silver silk, with two chevrons, one of red and one of black. From bachelor's to doctor's, the hoods are progressively longer and opened to show more of the lining.

The velvet border of the hoods denotes the degrees granted according to the following colour combinations. In some cases a distinguishing cord is sewn slightly in from the lower border: accounting is lemon; applied science is orange with a black cord; architectural studies is hot pink with a black cord; arts is white; cognitive science is sky blue with a gold cord; commerce is camel brown; computer science is royal blue; engineering is orange; global and international studies is lilac; health sciences is firebird red; humanities is white with a red cord; industrial design is toreador red; information technology is maize including a green chevron to denote the joint degree and applied diploma from Carleton University and Algonquin College respectively; infrastructure protection and information security is sky blue with a red cord; international business is camel brown with a red cord; journalism is white with a black cord; management studies and business administration are camel brown with a black cord; mathematics is hunter green; music is pink; philanthropy and non-profit leadership is toreador red with black cord; political management is sky blue with black cord; public affairs and policy management is teal with a gold cord; science is yellow; social work is crimson; and doctor of philosophy is royal purple.

The master's and bachelor's gowns, to be worn with the above hoods, are of full length, made of black stuff, with a gathered yoke behind, and

long open-fronted sleeves. The doctoral gown is of full-style, made of fine royal blue cloth with facings of light blue silk, with a full gathered yoke behind, and closed sleeves with an opening at the elbows.

The two shades of blue in the doctoral gown are those of the United Nations, and recognize the University's long-standing interest, from its earliest years, in international affairs and issues. The colours were chosen when the University awarded its first honorary degree in 1954 to the second secretary general of the United Nations, Dag Hammarskjöld. The tradition of awarding honorary degrees to secretaries general of the United Nations has continued since that time.

The gown of the honorary Doctor of Laws, Literature, Music, Science, Engineering, Architecture or Fine Arts is a full robe with bell-shaped sleeves. It is made of fine royal blue cloth with facings and sleeves in light blue silk. The hood is made of the same material as the gown, has the same lining as that for the degrees granted by examination, and is bordered with royal purple for the degree of Doctor of Laws; vibrant blue for the degree of Doctor of Literature; pink for the degree of Doctor of Music; red for the degree of Doctor of Science; orange for the degree of Doctor of Engineering; hot pink for the degree of Doctor of Architecture; and dark cardinal for the degree of Doctor of Fine Arts.

## ALUMNI HALL

The Alumni Hall and Sports Centre opened in 2005, and serves more than 750,000 visitors every year. The new centre has tripled the usage for athletic and other activities and has doubled the size of the cardio facilities at the University. The Alumni Hall and Sports Centre, which also houses the Ravens' Nest, the home of men's and women's varsity basketball teams, welcomes graduands and their families twice a year during Spring and Fall Convocation ceremonies. The Carleton University Alumni Association donated \$2.5 million towards the construction of this exceptional facility.

## OFFICIATING OFFICERS

### Chancellor of the University



**Charles Chi, B.Eng.**

Charles Chi was named the 11th Chancellor of Carleton University in November 2011. An entrepreneur, innovator and venture investor, he is the university's first chancellor who is an alumnus. He brings to Carleton a diverse background in marketing, sales, engineering and executive leadership. He was a former General Partner at the venture capital firm Greylock Partners, the vice-president of marketing at Ciena, co-founder at Lightera networks, and held operating roles in Cisco, StrataCom, Unitel and Bell Canada. He is "actively retired" but has never been busier with a diversity of projects from technology start-ups, to real estate development and even boutique farming.

### The President and Vice-Chancellor



**Roseann O'Reilly Runte, C.M., B.A., M.A., Ph.D.**

Dr. Roseann O'Reilly Runte was named President and Vice-Chancellor of Carleton University on July 1, 2008. She is the author of numerous scholarly and creative works and has served and volunteered on numerous boards in areas ranging from international development, finance to medicine. Dr. O'Reilly Runte is a Member of the Order of Canada, the French Order of Merit, the Royal Society of Canada, and both the European and the World Academy of Sciences and Arts.

### Chair of the Board of Governors



**Anthony Tattersfield, C.St.J., B.A., F.C.P.A., F.C.A., C.F.E., T.E.P., C.A.(BZ)**

Tony Tattersfield is Chair of the Board and is, *ex-officio*, a member of all standing Committees. A proud alumnus of Carleton, he is a Consulting Partner with Raymond Chabot Grant Thornton LLP, Chartered Accountants/Licensed Public Accountants, in Ottawa. Tony was re-elected to the Board for a further one-year term ending on June 30, 2016.

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The Presiding Officer of Convocation is the Chancellor of the University, Charles Chi, *B.Eng.*

Accompanying him on the podium for today's ceremonies are Roseann O'Reilly Runte, *C.M., B.A., M.A., Ph.D.*, President and Vice-Chancellor, Anthony Tattersfield, *C.St.J., B.A., F.C.P.A., F.C.A., C.F.E., T.E.P., C.A.(BZ)*, Chair of the Board of Governors and Chris Carruthers, *B.Sc., M.D., M.B.A.*, Vice-Chair of the Board of Governors

## ASSISTING THE CHANCELLOR

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### **Marshal of Convocation and Clerk of Senate**

Katharine Kelly, *B.A., M.A., Ph.D.*  
Director, Pauline Jewett Institute of Women's and Gender Studies  
Associate Professor

### **Associate Marshals of Convocation**

Anne Bowker, *B.A., M.A., Ph.D.*  
Associate Professor, Department of Psychology

Robert Burk, *B.Sc., M.Sc., Ph.D.*  
Associate Dean, Faculty of Science  
Associate Professor, Department of Chemistry

Adelle Forth, *B.A., M.A., Ph.D.*  
Associate Chair and Associate Professor,  
Department of Psychology

Patrizia Gentile, *B.A., M.A., Ph.D.*  
Director, Institute of Interdisciplinary Studies

Ben Gianni, *B.A., M.Arch.*  
Associate Professor, Azrieli School of Architecture

Heng-Aik Khoo, *B.Sc., M.Sc., Ph.D., P.Eng.*  
Associate Dean, Faculty of Engineering and Design (Student Affairs)  
Associate Professor

Mary McGuire, *B.J.*  
Associate Professor, School of Journalism and Communication

Nicholas Rowe, *B.A., M.A., Ph.D.*  
Associate Professor, Department of Economics

### **Beadles of Convocation**

Shaundel M. Dottin-Agim  
Undergraduate Recruitment Office

Donald Bailey, *M.Eng. P.Eng*  
Department of Systems and Computer Engineering

Laura Brawn, *M.A.*  
Paul Menton Centre

Marge Brooks  
Department of Economics

Jeremy Brzozowski, *B.A., M.Sc.*  
Student Experience Office

Martha Attridge Bufton, *B.B.A., M.A.*  
Carleton University Library

Sandra Cloutier, *B.A.*  
Sprott School of Business

Jessica DeVries, *B.A.*  
Office of Quality Assurance (Academic Programs)

Ryan Flannagan, *B.A., M.A.*  
Student Affairs

Linda Fullum  
Sprott School of Business

Darlene Hébert  
Systems and Computer Engineering

Beth Hughes, *B.A., M.A.*  
Centre of Initiatives in Education

Caroline Karasiuk, *B.Comm.*  
Sprott School of Business

Cassandra Larose, *B.A.*  
Office of Quality Assurance (Academic Programs)

Brian Laughton, *B.Appl.Sc., B.Ed., P.Eng.*  
Faculty of Engineering and Design

Katie LeBlanc, *B.A.*  
Sprott School of Business

Scott Mitchell, *B.Sc., M.Sc., Ph.D.*  
Geography and Environmental Studies

Christopher Motz, *B.A., B.Ed., M.A.*  
Department of Psychology

Susan Nesrallah, *B.A.*  
Computing and Communication Services

Farnaz Ogaick  
Office of the Provost and Vice-President (Academic)

Rosemary O'Hearn, *B.Th.*  
Office of the Provost and Vice-President (Academic)

Janet Perras  
Mechanical and Aerospace Engineering

Pam Ramsay, *B.Soc.Sci.*  
Co-op and Career Services

Sarah Sabourin, *B.J.*  
Student Experience Office

Lorna Unger, *B.A., M.A.*  
Sprott School of Business

Jenelle Williams, *B.A., M.A.*  
Infrastructure Protection and International Security

Ramune Zitikiene, *M.Appl.Sc.*  
Faculty of Engineering

### **Also assisting at Convocation:**

Department of University Communications  
Office of the President  
Registrar's Office, Faculty of Graduate and Postdoctoral Affairs  
Senate Office  
University Registrarial Services (with special thanks to Michelle Audet, Michelle Baulch, Diane Berezowski, Amanda Bettencourt, Gorana Botic, Vicki Bowman, Jackie Carberry, Robin Dunbar, Lana Keon, Leslie Main, Marie-Eve Noel, Dayna Payette, Janet Perras, Michelle Santoianni, Tracy Saxton, Samantha Shortt, Anshul Singh, Joan Thompson and Joycelyn Van Wynsberghe.)

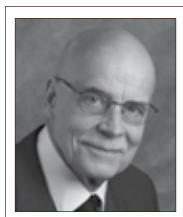
We would also like to acknowledge the following on-campus departments and ancillary operations for their valuable contribution to the success of the Spring 2015 Convocation:

Alumni Services  
Aramark  
Carleton University Bookstore  
Carleton University Emergency Response Team  
Department of Recreation and Athletics  
Facilities Management and Planning  
Graphic Services  
Instructional Media Services  
Musicians: Clayton Connell, Brady Leafloor, Timo Miller, Terry Wright  
Parking Services  
Student Experience Office  
University Archives  
University Safety

## UNIVERSITY AWARDS

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### Founders Award



Carleton University's highest non-academic honour recognizes and pays tribute to those individuals who have made significant contributions to the advancement of Carleton University through their dedication, generosity and commitment to the values of the university.

**Michel Gaulin, B.A., M.A., Ph.D.**

Michel Gaulin is known for his outstanding service to Carleton University, as a professor in the Department of French, Clerk of Senate and his participation on the Board of Governors.

He joined Carleton in 1967 as an assistant professor in the Department of French, after graduating from the University of Ottawa, he completed his master's studies at the Université de Montréal and a PhD at Harvard in 1973. Dr. Gaulin was promoted to associate professor in 1974 and full professor in 1987, a position he held until his retirement in 1996. Dr. Gaulin has chaired over 1,000 Ph.D. defences throughout his affiliation with Carleton.

### Board of Governors Award



The Board of Governors Award recognizes voluntary involvement in the not-for-profit sector and, as such, is intended primarily to honour non-academic work while pursuing a full-time program of study at Carleton University.

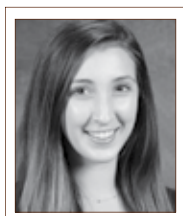
**Annie Kingston Miller, B.P.A.P.M.**

Annie Miller is graduating with a Bachelor of Social Work degree. In 2013, she earned a Bachelor of Public Affairs and Policy Management-Social Policy degree with a minor in French and Co-operative Education.

She has demonstrated an impressive ability to balance school, work and her volunteer commitments. She worked at the Centre for Aboriginal Culture and Education and as a research assistant at the Carleton University Institute on the Ethics of Research with Indigenous Peoples. Her work has been instrumental in encouraging the university to proceed with its plan to establish the Carleton University Institute on the Ethics of Research with Indigenous Peoples. She has also been involved in student government, serving on the Carleton University Senate and Carleton's First People's Council. Within the broader Aboriginal community, Annie has been active in the Odawa Friendship Centre, the Dreamcatchers Youth Program, the Anishinaabemowin Language Program and the Aboriginal Education Committee.

She is pursuing graduate work in the field of health at the Northern Ontario School of Medicine.

### Henry Marshall Tory Award



Presented annually to a graduating Carleton University student who has shown a high degree of academic achievement and has indicated an interest in the university by broad participation in extra-curricular affairs of a constructive nature pertaining to the university, the Carleton University Students' Association and the Carleton community.

**Selin Kum**

Selin Kum, who is graduating with a Bachelor of Journalism degree, with a combined honours in journalism and law, is this year's Henry Marshall Tory Award recipient. She is receiving this award for her academic performance and exceptional leadership within the university student community. Over her academic career, Selin was very involved serving in many student leader and volunteer roles to enhance the student experience and the overall university community. Outside the classroom, she was a participant of this year's Alternative Spring Break program and spent her winter reading week in Honduras working on the construction of a vocational training centre. This space will help local community members learn income-generating trades and skills to bring greater sustainability to the remote community. Selin also completed an internship with the Toronto-based current affairs television program *The Agenda with Steve Paikin*.



## MEDALLISTS IN THE GRADUATING CLASS

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### GOVERNOR GENERAL'S MEDAL

Awarded annually to students standing at the head of the graduating class at the undergraduate level

*Donor: His Excellency the Governor General of Canada*

**Kimberly Moore**

**Michael Francis St-Jules**

### CHANCELLOR'S MEDAL

Awarded annually in the name of the Chancellor of the University to a graduating student of outstanding academic achievement

**Rozlyn Boutin**

**Savanna Boutin**

**Kimberly Moore**

### PRESIDENT'S MEDAL

Awarded annually in the name of the President of the University to the student with the highest standing in a general degree program of studies

**Yilin Chen**

### UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

**WORK**— Doctoral Level

Awarded, when merited, for outstanding graduate work at the doctoral level

**Leslie Maaiké Helmus**

### UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

**WORK**— Master's Level

Awarded, when merited, for outstanding graduate work at the master's level

**Rui Zhao**

### UNIVERSITY MEDAL

Awarded annually, when merited, to the graduating students standing highest in architectural studies, arts, cognitive science, commerce, computer science, engineering, humanities, industrial design, information technology, interfaculty studies, international business, journalism, mathematics, music, public affairs and policy management, science, and social work

Architectural Studies

**Matthew McKenna**

Arts

**Betül Alaca**

**Katherine Anne-Marie Carroll**

Cognitive Science

**Matthew Stephen Martin**

Commerce

**Ranya Tantawy**

Computer Science

**Michelle Burrows**

Engineering

**Vinayak Bansal**

Humanities

**Bradley John Laflamme**

Industrial Design

**Chad Daniel Veenkamp**

Information Technology

**Prabath Madusankha Liyanage**

Interfaculty Studies

**Samantha Jade Hollingshead**

International Business

**Christopher Philipp Kropp**

Journalism

**Christine Rose Ackerley**

Mathematics

**Laura Gong**

Music

**Jazmin de Rege**

Public Affairs and Policy Management

**Hilary Jean Martin**

Science

**Jennifer Magel**

Social Work

**Lisa Fabian**

### SENATE MEDALS FOR OUTSTANDING ACADEMIC

**ACHIEVEMENT** — Graduate

Awarded, when merited, to graduating students of outstanding academic achievement

Doctoral Level

**Rebecca Jaremko Bromwich**

**Graham Raby**

Kathleen Dolores Van Benthem  
Wenjun Zhou  
Master's Level  
Tina Beynen  
William Lee Croft  
Margaret E. FitzGerald Murphy  
Spencer Turner  
Robert Williams

## SENATE MEDALS FOR OUTSTANDING ACADEMIC

**ACHIEVEMENT** — Undergraduate  
Awarded, when merited, to graduating students  
of outstanding academic achievement

Shakeeb Abdullah  
Scott Alain  
Nezar Saleem Khamis Assawiel  
Ili Nasiha Binti Azni Shah  
Shaveer Bajpeyi  
Dario Balca  
Saumya Bansal  
Elyse Barre  
Alexis Kenneth Beingessner  
Jeffrey Beith  
Crystal Jeanne Benko  
Naomi Bose  
Ryan Phillip Bottriel  
Mason Zachary Brown  
Anand Brunst  
Phillip Alexander Burness  
Emily Chan  
Nathan Wei-En Chan  
Deepro Chowdhury  
Kristen Cochrane  
Rachel Elizabeth Collins  
Hayley Alexandra Cooper  
Isabelle Anne Crew  
Katrina Elizabeth Crocker  
Rebecca D'Angelo  
Barry Davidson  
Mariya Davydenko  
Gordon Albert Deinstadt

Kathryn Elizabeth Dufour  
Bethany Rachel Dunfield  
Camille Farrell  
Eytan Fiszman  
Jonathan Fitzpatrick  
Tricia Ann Flohr  
Natalia Pavlovna Fomenko  
Andrew Joseph Froh  
Anthony Fuller  
Victoria Gerber  
Frank Giardino  
Stuart Green  
Feng Gu  
Yao Gu  
Lauren Mia Handforth  
Bethany Ruth Hartgerink  
Kirk Hovell  
Philippe-Antoine Hoyeck  
Xingyu Hu  
Deira Hubble  
Carly Rebecca Jacuk  
Stephanie Marie Joyce  
Jordan Adam Kafka  
Anna Kah  
Adam Kanji  
Benjamin Keeshan  
Usman Khan  
Mark Kotwicz Herniczek  
Graham John Laurie  
Jia Liu  
Hedvig Lunderquist  
Jessica Maillot  
Caitlyn Martinuzzi  
Peter Mazereeuw  
Jessica Marie-France Ménard  
Luke Alexander Metzler  
Muthana Khalid Mohamed  
Christian Noe Moreno  
Kendra Murray  
Jake Cowan Murray  
Rafat Noor  
Patrick Julius Co Ocampo

Laura Grace Parlee  
Ryland James Patterson  
Chloe Isabelle Marie Pedneault  
Darrell Viseth Song Penner  
Leah Michelle Perry  
Chad Philpott  
Olivia Grace Polk  
Alexander Edgar Preiss  
Cavan Stanley Raistrick  
Angelo Arvind Rajendram  
Victoria Roberts  
Natasha Lynn Rogers  
Sophia Lynn Roth  
Lisa Nicole Rylaarsdam  
Mari Shanahan Somerville  
David Lucas Smith  
Ian James Smith  
Anna Margaret Stevenson  
Rebecca Kathleen Sykes  
Erin Yarrow Thompson  
Timothy James Thornton  
Jessie Thuswaldner

Kayla Marlene Tink  
Yasangi Jayaliya Tissera  
Bliss L. Tracy  
Katelyn Elizabeth Trenouth  
Brittany Dawn Valiquette  
Marc V-Brosseau  
Dieter Jurgen Verhufen  
Mackenzie Waddell-Harris  
Deanna Lynn Walker  
Lee Williamson  
Scott Daniel Winges  
Benjamin Luke Woodfinden  
Owen Matthew Woodger  
Katelyn Margaret Woods  
Jason Worobetz  
Qiwei Yu  
Brittany Dawn Zerf  
Cicely Lorraine Zervos  
Meng Qi Zhang

## MORNING CEREMONY

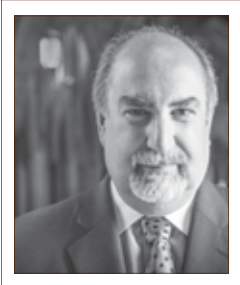
**Thursday, June 11, 9:30 a.m.**

Degrees conferred at Spring Convocation are awarded by Senate in February and in June.  
Degrees awarded in February are denoted by an asterisk (\*)

## HONORARY DEGREE RECIPIENT

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**Firdaus Kharas, B.A., M.A., L.H.D.**



Firdaus Kharas, will be awarded the degree of Doctor of Laws, *honoris causa*, at the 9:30 a.m. ceremony on Thursday, June 11 “in recognition of his innovative work as a social entrepreneur and for his contributions to the advancement of public health and children’s rights in a global context.”

Social innovator, director and humanitarian Firdaus Kharas creates media designed to educate, entertain and change societal and individual behavior to better the human condition. He is a specialist in creating animated shorts, especially on human rights and disease prevention. His work has been versioned into 100 languages, used in 150 countries and been attributed to positively influencing millions of lives.

Previous to his work in media, Mr. Kharas was the executive director of the United Nations Association in Canada, policy advisor (Immigration and Refugee Affairs) to the Minister of Immigration and assistant deputy chairman of the Immigration and Refugee Board.

He has been named one of the world’s 50 Most Talented Social Innovators and has been recognized 70 times, including with a Peabody Award, the ReelWorld Trailblazer Award and the United Nations Peace Medal.

He has degrees and certificates from seven universities, including a Master of Arts from Carleton University.

# ORDER OF PROCEEDINGS

## Morning ceremony

**Thursday, June 11, 9:30 a.m.**

Chancellor Charles Chi, *B.Eng.*, presiding

The audience is requested to stand when the Academic Procession arrives and remain standing until O Canada has been sung. At the conclusion of the ceremony, the audience will wait until the Academic Procession has left before exiting the Fieldhouse.

Processional Music

John Robert Coghill Jr., *B.Mus.* (bagpipes)  
Ross Davison (bagpipes)  
Garry Matthews (snare drum)

O Canada (The audience is invited to sing. Please see page 2.)

Performed by  
Malak Ghanem

Opening Ceremony

Elder, Lois McCallum  
Representing the Métis People

Introduction by the Master of Ceremonies

Peter Ricketts, *B.A., Ph.D.*  
Provost and Vice-President (Academic)

Conferring of the Degree of Doctor of Laws, *honoris causa*, upon

Firdaus Kharas, *B.A., M.A., L.H.D.*  
(Presented by Dane Rowlands, *B.A., M.A., Ph.D.*  
Director, Norman Paterson School of International Affairs)

Convocation Address

Firdaus Kharas, *B.A., M.A., L.H.D.*  
Social Innovator

Conferring of Degrees and Awarding of Medals

Warrant  
Katharine Kelly, *B.A., M.A., Ph.D.*  
Clerk of Senate and Marshal of Convocation

Welcome from the Alumni Association

Charles Chi, *B.Eng.*  
Chancellor

Closing Address by the President and Vice-Chancellor

Roseann O'Reilly Runte, *C.M., B.A., M.A., Ph.D.*

Recessional Music

## DOCTOR OF PHILOSOPHY

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(Presented by Professor Langis Roy  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

### MANAGEMENT

**Allen Edward Brown\***, *B.A., M.B.A.*

Exploring IT Governance Effectiveness:  
Identifying Sources of Divergence  
Through the Adoption of a Behavioural-  
Based Organizational Routines  
Perspective  
*Supervisor: G. Grant*

**Jill Lesley Reid**, *B.A., M.B.A.*

Place Associations in International  
Branding and Advertising: A Cross-  
National Investigation  
*Supervisor: N. Papadopoulos*

**Samina M. Saifuddin**, *B.Com., M.B.A., M.Com.*

Modeling Intention to Pursue a High-Tech  
Career Using Social Cognitive Career  
Theory  
*Supervisor: L. Dyke*

**Narges Shahsavarani\***, *B.Eng., M.B.A.*

*Social Media for Government Use*  
*Supervisor: D. Cray*

### MASTER OF BUSINESS ADMINISTRATION

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(Presented by Professor Langis Roy  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Don Aholu**, *B.Soc.Sc.*

Concentration in Management and  
Change

**Sohaib Amjad**, *B.A.*

**Jingyuan An\***, *B.Mang.*

**Xinyue Ban\***, *B.Econ.*

Concentration in Financial Management

**Yugank Bhatnagar\***, *B.Tech.*

Concentration in Financial Management

**Jonathan Carreiro\***, *B.Eng.*

Concentration in Financial Management

**Jin Chen\***, *B.Eng., M.Mgt.*

**Sherin Daify\***, *B.Sc.*

**Vladimir Dermanski\***, *B.Com.*

Concentration in Management and  
Change

**Daishik Jatin Desai**, *B.Pharm.Sc.*

Concentration in International Business

**Jing Duan\***, *B.Mang.*

Concentration in Financial Management

**Lenore Gale\***, *B.Fine Arts*

Concentration in International Business

**Daisy Gandhi\***, *B.Sc., M.Sc.*

Concentration in Management and  
Change

**Mitchell Gogo\***, *B.Sc.*

Concentration in International Business

**Bryson Goodman**, *B.B.A.*

Concentration in Financial Management

**Madeline Rose Laura Gow\***, *B.Sc.*

Concentration in Management and  
Change

**Alex Hadjisophocleous\***, *B.Com.*

Concentration in Financial Management

**Shan He\***, *B.A.*

**Amanda Hope\***, *B.A.*

**Zhu Hu**, *B.Mang.*

**Dhivya Kamalakannan**, *B.Tech.*

Concentration in International Business

**Emma Louise Landry\***, *B.Sc.*

Concentration in Financial Management

**Hengcheng Li\***, *LL.B.*

Concentration in Financial Management

**Meng Lian\***, *B.Mang.*

**Boxiao Liu\***, *B.Eng.*

Concentration in Management and  
Change

**Litong Liu\***, *B.Mang.*

Concentration in International Business

**Karina McCarty\***, *B.A.*

**John Kyle McIntosh\***, *B.Sc.*

Concentration in Financial Management

**Jordan Michael McMahon\***, *B.B.A.*

Concentration in Financial Management

**Harshal Naik**, *B.Comp.Eng.*

**Anna Ni\***, *B.Econ., LL.B.*  
Concentration in International Business

**Maureen Margaret O'Halloran\***, *B.A.*

**Lengyun Ouyang\***, *B.A.*  
Concentration in Financial Management

**Manal Ali Sayid**, *B.Com.*  
Concentration in Management and Change

**Devin Sheahan**, *B.Com.*  
Concentration in Management and Change

**Xinting Shi\***, *B.A.*  
Concentration in Financial Management

**Mélanie Stefancsisc Copeland**, *B.Com.*  
Concentration in Management and Change

**Anjum Taimoor\***, *B.Sc., M.Sc.*

**Shiyun Tu\***, *B.A.*  
Concentration in International Business

**Joel Van Huizen\***, *B.A.*  
Concentration in International Development Management

**Qian Wang\***, *B.Econ.*  
Concentration in Financial Management

**Riaz Warsalee\***, *B.Com.*  
Concentration in Financial Management

**Jing Yang**, *B.Econ.*

**Shuhang Yang\***, *B.Econ.*  
Concentration in Financial Management

**Tianjiao Yang\***, *B.I.E.T.*  
Concentration in International Business

**Tianxiao Yang\***, *B.Sc.*  
Concentration in Financial Management

**Joseph Yawney**, *B.Phil., M.Phil.*

**Jinning Yu\***, *B.Mang.*  
Concentration in Financial Management

**Weisong Zhang\***, *B.A.*  
Concentration in International Business

**Yinuo Zhao\***, *B.Com.*  
Concentration in Financial Management

**Manrong Zhu\***, *B.Econ., M.A.*  
Concentration in Financial Management

**Ya Zuo\***, *B.Econ.*  
Concentration in Financial Management

## MASTER OF ARCHITECTURE

(Presented by Professor Langis Roy  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Maryam Bashardoust Tajali\***, *B.Sc., M.Appl.Sc.*  
Co-Housing+: Towards a Greater Urban Community in Toronto

**Hugo Adrien Béland-Latreille**, *B.Arch.St.*  
Recording Vanier's Changing Identity Through New Urban Infrastructure

**Jaimi Yra A. Bendo**, *B.A., B.E.D.*  
Form Excess to Access: A New Form of Food Distribution in Winnipeg, Manitoba

**Samantha Bite**, *B.Arch.Sc.*  
Museum Without Artifacts: Narrative Architecture in the Bytown Museum

**Emily Rae Brett**, *B.Arch.St.*  
Binaural Architecture: Sonic Compositions of Everyday Spaces

**Lara Chow**, *B.Arch.St.*  
Enriched Environment: A Treatment Centre for Transitional Youth with Mental Illness

**Benjamin Connolly**, *B.Env.Des.St.*  
Digital Regionalism: Identity, Place and the Ottawa Train Station

**Desirae Elizabeth Cronsberry**, *B.Arch.St.*  
Steelcity Living : Hamilton, Stelco and the Post-Industrial City

**Linda Dervishaj**, *B.Arch.St.*  
Downtown: Re-imagining the Public Realm in the Toronto Financial District

**Vikki-Lee Drapeau**, *B.E.D.*  
Home for a New Livelihood: Building for a Forest & Freshwater Food Foraging Community

**Olivia Ferguson-Losier**, *B.E.D.*  
Architectural (Physio)Therapy: A Dynamic Healing Process

**John Willis Gaitan**, *B.Arch.St.*  
Pop Up: A Deployable Brand in the Urban Fabric

**Steven Gajer**, *B.Sc.*  
Deconstructing the Superblock: Universal Solutions vs. Cultural Specificity in Chinese Urban Planning

**Rachele Danorah Gunderson**, *B.Arch.St.*  
Responsive Building Envelopes: Active Apertures for Chinooks



**Sarah Hormann, B.E.D.**

Architecture of Assimilation: A Vernacular Approach to Housing for China's Rural to Urban Migrants

**Nicole Hunt, B.E.D.**

Architecture(s) of the Interdisciplinary: A Knowledge Repository for the Canada Council for the Arts

**Lu Yao Ji, B.Arch.St.**

Does Architecture Dream of Upheaval?

**Peter Fredrick Kelly\*, B.Arch.St.**

1984, 2001, 2015

**Andrew Keogh\*, B.Sc.**

Outsiders

**Ajantha Kumarasingam\*, B.Arch.Sc.**

In with the Old and Out with the New: Adaptive Re-use of our Dying School

**Vedrana Maric, B.Arch.St.**

The Veil of Modernity: Heritage Preservation in Toronto's Liberty Village

**Iva Mihaylova, B.Arch.St.**

Civell: Eliminating the Waiting Room in the Emergency Department of Canadian Health Care Facilities

**Jason Mooi\*, B.Env.Des.St.,**

Transforming Borders: Transforming the Airports Built Environment Through Environmental Psychology, Proxemics and Therapeutic Design

**Nicole Nomsa Moyo, B.Arch.St.**

Ukubutha-Towards a New Social Architecture in South African Townships

**Cassandra Breanne Murphy, B.Arch.**

Climorphysiological Architecture: Latent

**Narsi Naghikhani\*, B.Arch.**

The Aquatic City: Post-Oil Phase of the Caspian Sea

**Pegah Peyman, B.Arch.St.**

A Positive Prognosis for the Future of the Learning Environment: Designing Schools for Children in Shinabad, Iran

**Timothy E. Phelan, B.A.**

Long-Term Care: A Regional Model for Rural Prince Edward Island

**Alixandra Piwowar, B.Arch.St.**

Living Heritage: Re-imagining Wooden Crib Grain Elevators in Saskatchewan

**Nilakshi Roy, B.Arch.St.**

I'm Still a Kid! *A Proposal for Improving Orphanages Through the Integration of Nature, Nurture & The Senses*

**Jagtar Singh, B.E.D.**

A Nation + Store Worth Saving: The Silenced Narrative of the Hudson's Bay Company

**Sepideh Sohrabi Mollayousef, B.Arch.St.**

Local Architecture: Using Traditional Persian Elements to Design for Climate in Yazd, Iran

**Timothy Erik Stanley, B.Arch.St.**

Orientation Centre for the Wood Industry and Trades in the Chaudière Region

**Michelle Nadia Suzanne Uyeyama, B.Arch.St.**

A City to Call Home: Revisiting the Form of the Urban Family Home in Ottawa

**Tzvetelina Videnova, B.Arch.**

A Tale of Two Pasts: Ephemeral Reality and Monumental Memory

**Sarah Lynn Ward, B.Arch.St.**

Authenticating Adaptation: Narrating the Incomplete Project

**Sammy Yehia, B.Arch.**

Improvisational Lines: The Architecture of an Informal Syrian Refugee Settlement

## MASTER OF DESIGN

(Presented by Professor Langis Roy  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

### INDUSTRIAL DESIGN

**Anthony James John Dewar\*, B.I.D.**

Digital Additive Manufacture: Improved Product and Equipment Design for 3D Printing

**Stephen M. Field, Dip.**

Sustainability and Self-reliance: Cooperative Approaches in the Design and Development of Housing Components within Inuit Communities

**Jessie Thavonekham, B.Fine Arts**

Changing the Context of Experience: Applying Designed Sensory Elements Towards Mindful Eating

**Weiwen Yu, B.A.**

Suggestions for Introducing Creative Entrepreneurship Education into China's Design Education

# BACHELOR OF ARCHITECTURAL STUDIES

---

(Presented by Professor Sheryl Boyle  
Interim Director, Azrieli School of Architecture and Urbanism)

**Carolyn Victoria Gray Andrews**

Design  
Azrieli School of Architecture and  
Urbanism  
*With Distinction*

**Hisham Naiel Attya**

Design  
Azrieli School of Architecture and  
Urbanism

**Samuel Badach**

Design  
Azrieli School of Architecture and  
Urbanism  
*With Distinction*

**Latoya Lisa-Marie Barnett, B.A., Cert.**

Design  
Azrieli School of Architecture and  
Urbanism

**Sabina Louise Barrett-Ryan**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism

**Victoria Bennett**

Design  
Azrieli School of Architecture and  
Urbanism  
with Study Term Abroad

**Jessica Eliah Brooks**

Design  
Azrieli School of Architecture and  
Urbanism

**Kathleen Nicole Chin**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism  
*With Distinction*

**Philip Chi-Chia Chin**

Design  
Azrieli School of Architecture and  
Urbanism

**Richa Chuttani\***

Urbanism  
Azrieli School of Architecture and  
Urbanism  
Co-operative Education

**Kathleen Jillian Coulthart**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism

**Gregory Culos**

Design  
Azrieli School of Architecture and  
Urbanism

**Seyedeh-Ghazal Dehghany**

Design  
Azrieli School of Architecture and  
Urbanism

**Anoushae Eirabie**

Design  
Azrieli School of Architecture and  
Urbanism

**Fiona Estwick**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism

**Alexandra Fiori**

Design  
Azrieli School of Architecture and  
Urbanism

**Yvonne Pui Yan Fu**

Design  
Azrieli School of Architecture and  
Urbanism  
Co-operative Education  
*With Distinction*

**Carolyn Joan Gillespie**

Design  
Azrieli School of Architecture and  
Urbanism  
*With Distinction*

**Gandhi Habash**

Design  
Azrieli School of Architecture and  
Urbanism  
Co-operative Education

**Kelly Alexander Hann\***

Design  
Azrieli School of Architecture and  
Urbanism

**Yujia Hu**

Design  
Azrieli School of Architecture and  
Urbanism

**Andrej Iwanski**

Design  
Azrieli School of Architecture and  
Urbanism  
*With High Distinction*

- Chelsea Danielle Jacobs**  
 Conservation and Sustainability  
 Azrieli School of Architecture and Urbanism
- Danielle Katelyn Janicas**  
 Design  
 Azrieli School of Architecture and Urbanism  
 Co-operative Education  
*With Distinction*
- Isaiah Leslie John**  
 Conservation and Sustainability  
 Azrieli School of Architecture and Urbanism
- Daniel Maxim Kassel**  
 Design  
 Azrieli School of Architecture and Urbanism  
*With Distinction*
- Courtney Gabrielle Klein**  
 Design  
 Azrieli School of Architecture and Urbanism  
 Co-operative Education  
*With Distinction*
- Anthony Labonte**  
 Design  
 Azrieli School of Architecture and Urbanism
- Jean Olivier Larocque**  
 Design  
 Azrieli School of Architecture and Urbanism
- Edison Bo-Yin Lee**  
 Conservation and Sustainability  
 Azrieli School of Architecture and Urbanism
- Matthew Christopher Lerch**  
 Design  
 Azrieli School of Architecture and Urbanism
- Ranee Leung**  
 Urbanism  
 Azrieli School of Architecture and Urbanism  
 Co-operative Education  
*With Distinction*
- Jieru Li**  
 Design  
 Azrieli School of Architecture and Urbanism
- Richard Li\***  
 Urbanism  
 Azrieli School of Architecture and Urbanism
- Kai Yue Liao**  
 Design  
 Azrieli School of Architecture and Urbanism  
*With Distinction*
- Brandon John Lind**  
 Design  
 Azrieli School of Architecture and Urbanism
- Dongge Liu**  
 Design  
 Azrieli School of Architecture and Urbanism
- Jia Liu**  
 Design  
 Azrieli School of Architecture and Urbanism  
*With High Distinction*
- Kamila Lukus**  
 Design  
 Azrieli School of Architecture and Urbanism
- Vannary Lyboun**  
 Design  
 Azrieli School of Architecture and Urbanism
- Hugh Martignago**  
 Design  
 Azrieli School of Architecture and Urbanism
- Matthew McKenna**  
 Design  
 Azrieli School of Architecture and Urbanism  
 Co-operative Education  
*With High Distinction*
- Jeniffer Milburn**  
 Design  
 Azrieli School of Architecture and Urbanism  
*With Distinction*
- Pauline Moskal**  
 Design  
 Azrieli School of Architecture and Urbanism
- Katrina Elizabeth Munshaw**  
 Design  
 Azrieli School of Architecture and Urbanism  
 Minor in Art History
- Jake Cowan Murray**  
 Design  
 Azrieli School of Architecture and Urbanism  
*With High Distinction*  
 with Study Term Abroad

**Jessica Amanda Musialski**

Design  
Azrieli School of Architecture and  
Urbanism  
Co-operative Education

**Ryan Ng**

Design  
Azrieli School of Architecture and  
Urbanism

**Melanie Grace Nunez**

Design  
Azrieli School of Architecture and  
Urbanism

**Natalia Ospina**

Design  
Azrieli School of Architecture and  
Urbanism  
Minor in Geography

**Emile Parisien**

Design  
Azrieli School of Architecture and  
Urbanism  
with Study Term Abroad

**Catrina Pastore**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism

**Weiyi Pei**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism  
Minor in Japanese

**Christian Matthew Poitras**

Design  
Azrieli School of Architecture and  
Urbanism

**Adam Robert John Poole**

Design  
Azrieli School of Architecture and  
Urbanism

**Shaghayegh Poursalimi**

Design  
Azrieli School of Architecture and  
Urbanism

**Alexander Edgar Preiss**

Design  
Azrieli School of Architecture and  
Urbanism  
*With High Distinction*

**Andrew Lyon Noah Richler**

Design  
Azrieli School of Architecture and  
Urbanism  
Co-operative Education

**Rebecca Grace Sferlazza**

Design  
Azrieli School of Architecture and  
Urbanism  
Minor in Art History  
with Study Term Abroad

**Katie Sharkey**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism

**Holly Ann Smith**

Design  
Azrieli School of Architecture and  
Urbanism

**Ruth Akke Vandergeest**

Urbanism  
Azrieli School of Architecture and  
Urbanism

**Natalie Eve Waddington**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism  
*With Distinction*

**Gillian Walczak**

Design  
Azrieli School of Architecture and  
Urbanism  
*With Distinction*  
with Study Term Abroad

**Dana Leanne Warren**

Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism

**Melissa Lauren Wong**

Design  
Azrieli School of Architecture and  
Urbanism

**Ruth Yu-Xin Xing**

Design  
Azrieli School of Architecture and  
Urbanism  
*With Distinction*

**Sung Chang Austin Yao**

Design  
Azrieli School of Architecture and  
Urbanism

**Wen Yao**

Design  
Azrieli School of Architecture and  
Urbanism  
Co-operative Education  
*With Distinction*

**Jennifer Yu**  
Design  
Azrieli School of Architecture and  
Urbanism

**Natasha Zubricki**  
Conservation and Sustainability  
Azrieli School of Architecture and  
Urbanism

## **BACHELOR OF INDUSTRIAL DESIGN**

---

(Presented by Professor Thomas Garvey  
Director, School of Industrial Design)

**Ivan Beljin**

**Kenneth Blouin\***

Minor in Psychology

**Dayna Marie Conway**

**Jorge Hernan Correa**

**Tricia Ann Flohr**

Minor in Business

Co-operative Education

*With High Distinction*

**Yesmeen Mohamad Ghader\***

Minor in Business

**Samantha Holzman**

**Eun Ah Kang**

**Jeffrey Yen Ting Lee**

**William Lieu**

*With Distinction*

**Hugh Maxwell Spinney Lindsay**

**Meng Chen Liu**

Minor in Psychology

**Arno Marchand**

**Jonathon Markowski**

*With Distinction*

**Sandeep Mathew**

**Samantha E. M°Garva**

*With High Distinction*

**Rebecca Jane Murphy**

*With High Distinction*

**Kimberly Nguyen**

Co-operative Education

**Pia Maria Nyakairu**

**Remi Ogundokun**

*With High Distinction*

**Charlotte Poon**

Co-operative Education

*With High Distinction*

**Maya Prasasto**

Minor in Psychology

**Kevin Reid**

**Julian Gray Richardson**

**Cliff Douglas Ritchie**

*With High Distinction*

**Katherine Margaret Emily Roepke\***

Minor in Psychology

**James Michael Saunders**

**Lisa Anne-Marie Sleiman**

Minor in Psychology

**Christopher Spaidal**

**Justine Sun Dela Cruz**

*With Distinction*

**Zachary Eric Van Der Paelt**

**Marc V-Brosseau**

*With High Distinction*

**Chad Daniel Veenkamp**

*With High Distinction*

**Laura Vo**

Minor in Psychology

*With Distinction*

**Jeffrey Chak-Fun Wong**

**Lidan Xu**

**Erik Spencer Zurowski**

*With Distinction*

## **BACHELOR OF COMMERCE**

---

(Presented by Professor Jerry Tomberlin  
Dean, Sprott School of Business)

**Mohammed Abdula Abdulaziz Alayyaf**

Honours

Minor in Economics

**Salwa Ossama Al Azzouni**

Honours

Concentration in International Business

Minor in Economics

**Omar Albokhari**  
Honours  
Concentration in Information Systems

**Ivan Aleksandrovich**  
Honours  
Concentration in International Business

**Shafiran Ali**  
Honours  
Concentration in International Business  
and Concentration in Finance  
with Study Term Abroad

**Mohamed Al-Lahrari**  
Honours  
Concentration in Finance  
Minor in Statistics

**Soulayma Allam\***  
Honours  
Concentration in Marketing

**Lana Al Madhoun\***  
Honours  
Concentration in Accounting and  
Concentration in Finance  
Co-operative Education

**Leena Kamil Almubarak\***  
Honours  
Concentration in Accounting

**Rakib Bin Amin\***  
Honours  
Concentration in International Business  
Minor in Economics

**Derek Annan-Baidoo\***  
Honours  
Concentration in Accounting

**Mateo Archila Bustos\***  
Honours  
Concentration in Marketing

**Walla Assaf**  
Honours  
Concentration in Accounting

**Clarence Tsun Wing Au**  
Honours  
Concentration in Accounting

**Sabrina Ayoub**  
Honours  
Concentration in Accounting

**Jaskirat Kaur Bal\***  
Honours  
Concentration in Accounting

**Mounir Ballout\***  
Honours  
Concentration in Finance  
Minor in Economics

**Victoria Eugenia Barrio Olivas\***  
Honours  
Concentration in Finance and  
Concentration in Marketing

**Jeffrey Beith**  
With High Distinction  
Concentration in Information Systems

**Bereket Manaye Bekele**  
Honours

**Haneesh Bhojoo**  
Honours  
Concentration in Finance

**Katherine D. Bialczyk**  
Honours  
with Study Term Abroad

**Ryan Anthony Billingham**  
Honours  
Concentration in Finance

**Joshua Nagendradat Bissessar**  
Honours  
Concentration in Accounting

**Hasan Ali Bokhari**  
Honours

**Mercedes Alexandria Boykin-Sabalones**  
Honours  
Concentration in Marketing

**Mason Zachary Brown\***  
With High Distinction  
Concentration in Finance

**Katherine Mai-Yee Burnett\***  
Honours  
Concentration in Marketing  
Co-operative Education

**Karl Burwash**  
Honours  
Concentration in Accounting

**Laura Estefania Cancino**  
Honours  
Concentration in Finance

**Ashton Jonathon Carroll**  
Honours  
Concentration in Information Systems

**Alexander Vincent Joseph Casey\***  
Honours  
Concentration in Accounting  
Minor in Economics

**Milad Marco Chedid**  
Honours  
Concentration in Accounting

**Xiyu Chen**  
Honours  
Concentration in Accounting

**Wing Yu Cheung\***

Honours

**Karina Chicoine\***

Honours

**Chinazom Evelyn Chidolue**

With Distinction

Concentration in Accounting  
with Study Term Abroad

**Alexander Douglas Church\***

With Distinction

Concentration in Finance  
Minor in Political Science

**Anne Devlin Churko**

With Distinction

Concentration in Accounting  
Minor in Economics  
Co-operative Education

**Kelsey Coburn, B.A.**

Honours

**Richard Mitchell Coffin**

With High Distinction

Concentration in Finance

**Allan Gardner Robson Cole**

Honours

Concentration in Information Systems  
Minor in Psychology

**Hayley Alexandra Cooper\***

With High Distinction

Concentration in Accounting  
Co-operative Education

**Kyra Cosman**

Honours

Concentration in Marketing

**Jacqueline Elizabeth Courtice**

Honours

Concentration in Finance

**Nassima Dahmani**

Honours

Concentration in Management

**Rebecca D'Angelo**

With High Distinction

Concentration in Management

**Kory Sebastian Davis**

With High Distinction

Concentration in Finance and  
Concentration in Marketing  
Co-operative Education

**Samuel Del Solar**

With Distinction

Concentration in Finance

**Samantha Ann Dimurro**

Honours

Concentration in Accounting

**Linda Bach Tuyet Do**

Honours

Concentration in Managing People and  
Organizations  
Minor in Psychology

**Emily Dowsett**

Honours

Concentration in Management and  
Concentration in Marketing

**Krista Drummond\***

Honours

Concentration in Accounting

**Rebecca Johanna Drummond\***

Honours

Concentration in Accounting  
Co-operative Education

**Michelle D'Souza**

Honours

Concentration in Information Systems  
and Concentration in Management

**Andrew DuBrooy**

Honours

Concentration in Accounting

**Kaitlyn Elgie**

Honours

Concentration in Management and  
Concentration in Marketing

**Ben Elliott\***

Honours

Concentration in Accounting and  
Concentration in Finance

**Oghenetega Enaohwo\***

Honours

Concentration in Accounting  
Co-operative Education

**Sara Faisal Moh'd Ahmed**

Honours

Concentration in Entrepreneurship and  
Concentration in Management

**Marc Falardeau**

Honours

Concentration in Management

**Gregory William Farley**

With Distinction

Concentration in International Business  
with Study Term Abroad

**Meghan Gabriella Fenech**

Honours

Minor in Statistics

**Hannah Elizabeth Ferguson**

Honours

Concentration in Accounting and  
Concentration in Finance

**Myles Birket Foster VII**

Honours  
Concentration in Information Systems  
and Concentration in Finance

**Erica Rachel Francis**

Honours  
Concentration in Management

**Mary Kathryn Fraser\***

Honours  
Minor in Political Science  
Co-operative Education

**Melissa Michelle Gabel**

Honours  
Concentration in Accounting

**Vladimir Gajic**

Honours  
Concentration in Accounting

**Victoria Lynn Gandy\***

Honours  
Concentration in Information Systems

**Duke Ganeshalingam**

Honours  
Concentration in Information Systems  
and Concentration in Finance

**Xide Gao\***

Honours  
Concentration in Accounting

**Rachel Elena Garnaitis**

Honours  
Concentration in Management

**Alexandra Rachel Gaty\***

With High Distinction  
Concentration in Finance  
Minor in Psychology

**Matthew Gendron**

Honours  
Concentration in Finance

**Eoghan Brendan Gibney**

Honours  
Concentration in Information Systems  
Co-operative Education

**Mircea Giurgiu\***

Honours  
Concentration in Accounting and  
Concentration in Finance

**Vilan Gonzague**

Honours  
Concentration in Management  
Minor in Law

**Sebastian Gonzalez-Artigas**

With High Distinction  
Concentration in Marketing  
Minor in Statistics  
with Study Term Abroad

**Jing Gou**

With Distinction  
Concentration in Accounting  
Co-operative Education

**Philipp Karl Graf**

Honours  
Concentration in Accounting

**Michael Grant, B.A.**

Honours  
Concentration in Finance

**Erin Griffiths**

Honours

**Daniel Gutierrez**

Honours

**Trinh My Ha\***

Honours  
Concentration in Accounting and  
Concentration in Entrepreneurship  
Co-operative Education

**Ramaar Eric Noel Hall**

Honours  
Concentration in Finance

**Charles Troi Hamilton**

Honours

**Xu Han\***

Honours  
Concentration in Accounting

**Lauren Mia Handforth\***

With High Distinction  
Concentration in Information Systems  
and Concentration in Management  
Co-operative Education

**Mathew James Harbin\***

Honours  
Concentration in Finance

**Kevin Hayes**

Honours  
Concentration in Accounting

**Jingya He**

Honours  
Concentration in Accounting

**Dorothy Rhea Higginson\***

Honours

**William Michael Hogarth\***

Honours  
Concentration in Finance

**Donald Benjamin Høglund**

Honours  
Concentration in Finance

**Jaroslav Hojka**

Honours



**Matthew Hoe-Yin Hui**

Honours  
Concentration in Accounting

**Robert Daniel Hyrkiel\***

Honours  
Concentration in Marketing

**Julia Iafelice**

Honours  
Concentration in Finance

**Raed Iskandar**

Honours  
Concentration in Management

**Christopher Sean Jackson\***

Honours  
Concentration in Finance

**Matthew R. D. James**

With High Distinction  
Concentration in Finance  
Minor in Psychology

**Rachael Janzen\***

Honours  
Concentration in Accounting  
Co-operative Education  
with Study Term Abroad

**Joshua Jensen**

Honours  
Concentration in Accounting

**Feihong Jing**

Honours  
Concentration in Accounting

**Brendan Robert Bradley Johnson\***

With High Distinction  
Concentration in Accounting  
Co-operative Education

**Connor Davis Johnson**

Honours  
Concentration in International Business

**Rebecca Larine Johnson**

Honours  
Concentration in Management

**Rachael Johnston\***

Honours  
Concentration in Marketing

**Ghassan Kaddoura**

Honours  
Concentration in Finance

**Michael Edward Karam\***

Honours  
Minor in Mathematics

**Lauren Keating**

With High Distinction  
Concentration in International Business  
with Study Term Abroad

**Mya Katherine Jean Keffer\***

Honours  
Minor in Statistics  
Co-operative Education  
with Study Year Abroad

**Ian Michael Kelly**

Honours  
Concentration in Accounting

**Ainslee Lauren Kent**

Honours  
Concentration in International Business  
Minor in Economics

**Hussein Khazaal**

Honours  
Concentration in Marketing

**Kate Kliuyeva**

With High Distinction  
Concentration in Finance  
Co-operative Education

**Yanina Iosifovna Klopotovskaya**

Honours  
Concentration in Finance  
Co-operative Education  
with Study Term Abroad

**Randip S. Komal**

Honours  
Concentration in Accounting and  
Concentration in Finance

**Joshua Kortekaas**

Honours  
Concentration in Information Systems

**Martin Lubenov Kouchlev**

Honours  
Concentration in Finance  
with Study Year Abroad

**Luke Labbe\***

Honours  
Concentration in Accounting  
Minor in Economics

**Thi Quan Lac**

Honours  
Concentration in Accounting  
Co-operative Education

**Nora Mary Lackey**

Honours  
Concentration in Marketing

**Ian Timothy Ladouceur**

Honours  
Concentration in Marketing

**Zachary Lee Lahartinger\***

Honours

**Geoffrey David Lalor\***

Honours

**Cody Edward Lamont**  
Honours  
Concentration in Accounting

**Adrienne Lapierre\***  
Honours  
Concentration in Management

**Joel Lapierre**  
Honours  
Concentration in Marketing

**Brenden Lee**  
Honours  
Concentration in Accounting  
Co-operative Education

**Mandy Leung**  
With Distinction  
Concentration in Accounting  
Co-operative Education

**Jesse Ann Levy\***  
With Distinction  
Concentration in Accounting  
Co-operative Education

**Mingyang Li**  
Honours  
Concentration in Finance

**Tong Li**  
Honours  
Concentration in Finance

**Xiaodan Li**  
Honours  
Concentration in Accounting

**Xin Ran Li**  
Honours  
Concentration in Finance

**LuJin Liang**  
Honours  
Concentration in Finance

**Andrew Raymond Lin**  
Honours  
Concentration in Accounting

**Xingliang Lin**  
Honours  
Concentration in International Business

**Huiyu Liu**  
Honours  
Minor in Economics

**Jason Lobo**  
Honours  
Concentration in Information Systems  
Minor in Statistics

**Rebecca Lobo\***  
Honours  
Minor in Psychology

**Yunxiang Lu\***  
Honours  
Concentration in Accounting  
Minor in Economics

**Yuan Ma**  
Honours

**Bang Chau Mac\***  
Honours  
Concentration in Accounting  
Co-operative Education

**Cameron Mitchel MacIver**  
Honours  
Concentration in Accounting

**Tansley Elizabeth Mackan**  
Honours  
Concentration in Accounting

**Jenna Danielle Mackey**  
Honours  
Concentration in Marketing

**Pamela Danielle Majaess\***  
Honours  
Concentration in Accounting  
Co-operative Education

**Adam Mansour\***  
With Distinction  
Concentration in Accounting  
Co-operative Education

**Benito Lorenzo Mazzarello**  
Honours  
Concentration in Accounting

**Keegan Andrew McGahey**  
Honours  
Concentration in Accounting

**Emily Assuntina McHugh**  
With Distinction  
Concentration in Accounting

**Alicia Lindsay McVeigh**  
Honours  
Concentration in Management  
with Study Term Abroad

**Alexander Mehes**  
Honours  
Concentration in Marketing

**Joshua Thomas Meuse**  
Honours  
Concentration in Finance

**Curtis Milobar\***  
Honours  
Concentration in Accounting  
Co-operative Education

**Glen John Minaker**  
Honours  
Concentration in Finance

**Cristina Mion**  
With High Distinction  
Concentration in Management

**Diane Moazin**  
Honours  
Concentration in Management

**Mathieu Gilles Moncion**  
Honours  
Concentration in Finance

**James Nicholas Mathew Montenegro\***  
Honours  
Concentration in Finance

**Nithin Mummaneni**  
Honours  
Concentration in Finance  
Minor in Economics

**Elias Musema**  
Honours  
Concentration in Accounting

**Anand Naik**  
Honours  
Concentration in Accounting  
Co-operative Education

**Megan Elizabeth Newell**  
Honours  
Concentration in Management  
Minor in Statistics

**Erika D. M. Nganou\***  
With Distinction  
Concentration in Accounting  
Co-operative Education

**Nam Phuong Nguyen\***  
Honours  
Concentration in Finance  
Minor in Economics  
Co-operative Education

**Rafat Noor\***  
With High Distinction  
Concentration in Accounting and  
Concentration in Finance  
Co-operative Education

**Ardyn Theresa Nordstrom**  
With High Distinction  
Concentration in Finance  
Minor in Economics  
Co-operative Education

**Katheryn Nowell\***  
Honours  
Concentration in Accounting  
Co-operative Education

**Brock O'Connor\***  
With Distinction  
Concentration in Information Systems  
Co-operative Education

**Kieran Nolan O'Kelly**  
With Distinction  
Concentration in Finance

**Joshua Anthony Ormond\***  
Honours  
Concentration in Accounting  
Co-operative Education

**Daniel Gordon Osland**  
Honours  
Concentration in Accounting  
Co-operative Education

**Manhar Jay Patel\***  
Honours  
Concentration in Accounting

**Nikita Patel**  
Honours  
Concentration in Management

**Bibek Paudel**  
Honours  
Concentration in Accounting  
Co-operative Education

**Nhat Pham\***  
Honours  
Concentration in Finance

**Joseph Walter Pleckaitis**  
Honours  
Concentration in Accounting and  
Concentration in Finance

**Anthony Poon\***  
With High Distinction  
Concentration in Accounting  
Co-operative Education

**Roxanne Caroline Pregent\***  
Honours  
Concentration in Marketing  
Minor in Communication Studies

**Avery Rose Price**  
Honours  
Concentration in Marketing

**Nolan Proctor**  
With Distinction  
Concentration in Accounting  
Co-operative Education

**Philippe Proulx**  
Honours  
Concentration in Accounting  
Co-operative Education

**Samuel Purkiss**  
With High Distinction  
Concentration in Finance  
Minor in Economics

**Weijia Qu**  
Honours

**Ameer Rashid**

Honours

**Mark Gerard Rashotte**

Honours

Concentration in Finance

**Kerrie Lynn Redmond**

Honours

Concentration in Accounting

Co-operative Education

**Hilary Morgan Reid**

Honours

Concentration in Information Systems

**Michelle Revzine**

With High Distinction

Concentration in Information Systems

and Concentration in Finance

**Michael J. Reynolds**

Honours

Concentration in Supply Chain

Management

**Dylan Lewis Rogers\***

Honours

Concentration in Accounting

**Brandon Rollocks\***

Honours

Concentration in Accounting

**Andrea Elizabeth Rowe\***

Honours

Concentration in Management

**Kyle Stephen Royer**

Honours

Concentration in Accounting

Co-operative Education

**Vincenzo Jonathan Russo**

Honours

Concentration in Accounting

**Amaris Jessica Sahota\***

Honours

Concentration in Finance

**Samantha Rachel Salvatore**

Honours

Concentration in Management

**Andrew Ian Taylor Sandison**

Honours

Concentration in Finance

**Nathan Daniel Sassi, B.A.**

Honours

Concentration in Accounting

**Emily Jane Savage\***

Honours

Concentration in Accounting

**Ibrahim Sayed**

Honours

Concentration in Finance

Minor in Statistics

**Erin Schroeter**

Honours

Concentration in Accounting

**Philip Scrubb**

Honours

**Bobbie-Jean Seabrooke**

Honours

**Quazi Seemat\***

With Distinction

Concentration in Accounting

**Matthew Semeredy**

Honours

Concentration in Marketing

**Nidhi Sharma**

Honours

Concentration in Supply Chain

Management

Minor in Statistics

**Alexander Shaw**

Honours

Concentration in Accounting

**Abdul Manan Sheikh**

Honours

Concentration in International Business

**Roman Shulev**

Honours

Concentration in Accounting and

Concentration in Finance

Co-operative Education

**Trevor Blakeston Smith\***

Honours

Concentration in Accounting

**Amanda Mae Sobers\***

Honours

Concentration in Marketing

**Bon Sok**

Honours

Concentration in Accounting

**Robert Sparks\***

With Distinction

Concentration in Accounting

**Riley Alexander Speirs\***

Honours

Concentration in Finance

Minor in Economics

**Brandon Larry Strack**

Honours

Concentration in Supply Chain

Management

**Joseph Streit**

Honours

Co-operative Education

**Ranya Tantawy\***

With High Distinction  
Concentration in Accounting  
Co-operative Education

**Renee Tavares**

Honours  
Concentration in Finance  
Minor in Statistics

**Khaled Teriaky\***

Honours  
Concentration in Information Systems

**Asmerom Tewolde**

Honours  
Concentration in Finance  
Minor in Economics

**Taylor Therien\***

Honours  
Concentration in Accounting

**Tamber Tisdale**

Honours  
Concentration in Management

**Yasangi Jayaliya Tissera**

With High Distinction  
Concentration in Accounting

**Xin To**

Honours

**Horla Elorm Torkornoo**

With Distinction  
Concentration in Accounting  
Co-operative Education

**Theodore Conrad Tsang\***

With High Distinction  
Concentration in Accounting  
Co-operative Education

**Yury Unesikhin\***

Honours

**Amy Lynn Veltkamp**

With Distinction  
Concentration in Accounting

**Brennan Villemaire**

Honours

**Andrew Vo**

Honours  
Concentration in Finance

**Julian Volesky**

Honours  
Concentration in Accounting and  
Concentration in Finance

**Luhan Wang**

Honours  
Minor in Economics

**Mengjie Wang**

With Distinction  
Concentration in Accounting

**Zi Chu Tony Wang**

Honours  
Concentration in Information Systems  
Co-operative Education

**Mariah Leigh Weir**

Honours  
Concentration in Management and  
Concentration in Marketing

**Nicole Margaret Wharry**

Honours  
Concentration in Finance  
with Study Year Abroad

**Samantha Whynot**

With Distinction  
Concentration in International Business

**Alyssa Candace Wickert\***

Honours  
Concentration in Accounting and  
Concentration in Management

**Nathan Wiltse**

With High Distinction  
Concentration in Accounting

**Aleksander Wojtkiewicz**

Honours  
Concentration in Finance  
Minor in Statistics

**Mariela Irene Wong Sato**

Honours  
Concentration in Accounting and  
Concentration in Finance

**Katelyn Margaret Woods**

With High Distinction  
Concentration in Marketing

**Yi Ren Yao**

Honours  
Concentration in Accounting

**Lourin Youssef**

With Distinction  
Concentration in Accounting and  
Concentration in Information Systems  
Co-operative Education

**Huiyou Yu**

Honours  
Concentration in Accounting

**Kenneth Wan Yu\***

Honours  
Concentration in Accounting  
Co-operative Education

**Xiaojing Yu**

Honours

**Lindsay Kristen Yuen\***

Honours  
Concentration in Accounting  
Co-operative Education

**Avina Waliyanri Zainuri**

Honours

**Zhi Zeng**

Honours

Concentration in Finance

**Yuqing Zhou**

Honours

Concentration in Accounting

**YiJun Zhu**

With Distinction

Concentration in Accounting

## BACHELOR OF INTERNATIONAL BUSINESS

---

(Presented by Professor Jerry Tomberlin  
Dean, Sprott School of Business)

**Samia Alkhani**

Honours

Concentration in Strategic Management  
and International Human Resources  
with Study Year Abroad

**Amanda Bernal Astrain**

With Distinction

Concentration in International  
Investment, Finance and Banking  
with Study Year Abroad

**Victoria Leigh Berthiaume**

Honours

Concentration in International  
Investment, Finance and Banking  
Minor in French  
with Study Year Abroad

**Zachary Burvill**

With Distinction

Concentration in International  
Investment, Finance and Banking  
Minor in Spanish  
with Study Year Abroad

**Mackenzie Sarah Vandenberg Chapman**

With High Distinction

Concentration in International Marketing  
and Trade  
Minor in French  
with Study Year Abroad

**Christopher Robert Codogno**

Honours

Concentration in International  
Investment, Finance and Banking  
with Study Year Abroad

**Joao Gomes Coelho**

With Distinction

Concentration in International  
Investment, Finance and Banking  
Minor in French  
with Study Year Abroad

**Ella Commons**

Honours

Minor in Spanish  
with Study Year Abroad

**Cheyenne Cowley**

Honours

Minor in Spanish  
with Study Year Abroad

**Marianne Encina**

Honours

Concentration in Strategic Management  
and International Human Resources  
with Study Year Abroad

**Camille Farrell**

With High Distinction

Minor in Spanish  
with Study Year Abroad

**Derryn Ellen Gammie**

Honours

Minor in German  
with Study Year Abroad

**Matthew Garvey**

Honours

Minor in Spanish  
with Study Year Abroad

**Vania-Maria Georgieva**

With High Distinction

Concentration in International Marketing  
and Trade  
with Study Year Abroad

**Sebastien Marc Gilles**

With High Distinction

Concentration in International Marketing  
and Trade  
Minor in Mandarin Chinese  
with Study Year Abroad

**Trevor Sandquist Jones**

Honours

Minor in Mandarin Chinese  
with Study Year Abroad

**Sifa Jessica Kalinda**

Honours

Minor in Spanish  
with Study Year Abroad

**Lily Karayeva**

Honours

Minor in French  
with Study Year Abroad

**Christopher Philipp Kropp\***

With High Distinction  
Concentration in International  
Investment, Finance and Banking  
Minor in Spanish  
with Study Year Abroad

**Ryan Kwan**

Honours  
Concentration in International Marketing  
and Trade  
Minor in Mandarin Chinese  
with Study Year Abroad

**Laeticia Landa\***

Honours  
Minor in Spanish  
with Study Year Abroad

**Michael Las**

Honours  
Concentration in International Marketing  
and Trade  
with Study Year Abroad

**Victoria Marcantonio**

With High Distinction  
Concentration in International Marketing  
and Trade  
Minor in Spanish  
with Study Year Abroad

**Brandon Marlin**

Honours  
Minor in Spanish  
with Study Year Abroad

**David Joseph Matthews**

Honours  
Concentration in International Marketing  
and Trade  
Minor in Spanish  
with Study Year Abroad

**David Joseph Mayer**

Honours  
Concentration in International  
Investment, Finance and Banking  
Minor in Economics  
with Study Year Abroad

**Sarah Ann McRae**

With Distinction  
Concentration in International Marketing  
and Trade  
Minor in French  
with Study Year Abroad

**Giordano Mingarelli**

Honours  
Concentration in International Marketing  
and Trade  
Minor in Mandarin Chinese  
with Study Year Abroad

**Homa Mohammad Tabar**

Honours  
Concentration in International Marketing  
and Trade  
Minor in Spanish  
with Study Year Abroad

**Sophie Paradis**

With Distinction  
Concentration in International  
Investment, Finance and Banking  
Minor in German  
with Study Year Abroad

**Elinor Rhian Parsons**

Honours  
Concentration in International Marketing  
and Trade  
Minor in French  
with Study Year Abroad

**Sarah May Paterson**

Honours  
Minor in Spanish  
with Study Year Abroad

**Leah Michelle Perry**

With High Distinction  
Concentration in International Marketing  
and Trade  
Minor in French  
with Study Year Abroad

**Jackson Quinn**

Honours  
Minor in Mandarin Chinese  
with Study Year Abroad

**Holly Rainsberry**

Honours  
Minor in Spanish  
with Study Year Abroad

**Nathan Reuben Randall**

With Distinction  
with Study Year Abroad

**Natasha Ristic\***

Honours  
Concentration in International Marketing  
and Trade  
Minor in Spanish  
with Study Year Abroad

**Alexander Schilder**

Honours  
Concentration in International  
Investment, Finance and Banking  
Minor in Spanish  
with Study Year Abroad

**Patrick Schnarr**

Honours  
 Concentration in International  
 Investment, Finance and Banking  
 Minor in Spanish  
 with Study Term Abroad

**Alexandra Kathleen Mclain Schrems**

Honours  
 Minor in German  
 with Study Year Abroad

**Charlotte Scott**

Honours  
 Concentration in Strategic Management  
 and International Human Resources  
 with Study Year Abroad

**Jamie Sinclair**

Honours  
 Concentration in Strategic Management  
 and International Human Resources  
 Minor in Spanish  
 with Study Year Abroad

**Francisco Velasco**

With Distinction  
 Concentration in International  
 Investment, Finance and Banking  
 with Study Year Abroad

**Farah Wadi**

Honours  
 Concentration in International  
 Investment, Finance and Banking  
 Minor in Economics  
 with Study Year Abroad

**Caitlyn Diana Wilson**

Honours  
 Concentration in Strategic Management  
 and International Human Resources  
 with Study Year Abroad

**Philip Anthony Hope Wiseman**

Honours  
 Concentration in International  
 Investment, Finance and Banking  
 Minor in Spanish  
 with Study Year Abroad

**Saba Yasamani-Khiabani**

Honours  
 Concentration in International Marketing  
 and Trade  
 Minor in Spanish  
 with Study Year Abroad

## BACHELOR OF INFORMATION TECHNOLOGY

---

(Presented by Assistant Professor Christopher Smelser  
 Faculty of Engineering and Design)

### INTERACTIVE MULTIMEDIA AND DESIGN

In Collaboration with Algonquin College

**Angel Bert Ballesteros Abundo****Haya Al-Hafez****Bshra Al Mazloun****Marco Antonio Alves De Brito**

Co-operative Education

**Ryan Phillip Bottriel**

Co-operative Education  
*With High Distinction*

**Benjamin Carson****Jonathan William Cataford****Nathan Wei-En Chan**

*With High Distinction*

**Bethany Rachel Dunfield**

Co-operative Education  
*With High Distinction*

**Alexander Eady, B.Sc**

Co-operative Education  
*With High Distinction*

**Christian Ferreira****Matthew Fournier**

Co-operative Education

**Jessica Lewra Fox****Lucas Nicholas Gerroir**

Co-operative Education

**Jordan Alexander Goddard****Colin Terrence Grey****Mohammad Hajihassani****Michael Hardie****Jeffrey K. J. Hutchinson\*****Hannah Kazda****Sana Khan****Laura Le****Thomas Duy Le****Jesse Anthony Leitch****Justin Rajesh Loranger-Ahluwalia**

Co-operative Education  
*With Distinction*



**James Thomas Martin**  
*With Distinction*

**Alexander Mackenzie Mcavoy**

**Clark McGillis**

**Cameron Micomonaco**

**Marvelyn Joyce Santos Milan**

**Stephanie Moulton\***

**Aimee Lynn Neldon\***

**Brendan Timmins Paty**

**Matthew Ryan Pietrantonio**

**Andrew Marton Richardson**

**Rebecca Suzanne Riesberry**

**Pouria Shamaei**

**Alexander Ivan Tarapacky**

**Brandon Arthur Telford**  
Co-operative Education

**Yulia Teryaeva**

**Zara Jacqueline Tooth**  
Co-operative Education  
*With Distinction*

**Kathleen Tran**

**Tyler Tremblay**

**Andrew Lloyd James Wardell**

**Sunmock Yang\***  
Minor in Computer Science  
Co-operative Education  
*With Distinction*

**Nick Yang Shen Zou**

**NETWORK TECHNOLOGY**  
In Collaboration with Algonquin College

**Md. Manzarul Alam**

**Sam Arora**  
Co-operative Education

**Abdulrahman Atta**

**Robert Barrett**

**Andre Alphonso Facey**

**Hung-Yi Stanley Lin**

**Prabath Madusankha Liyanage**  
Co-operative Education  
*With High Distinction*

**Ryan Ormsby**

**Lakshay Persad Singh Ramdhony**

**Jacob Stec**

**John Michael Theobald\***

## AFTERNOON CEREMONY

Thursday, June 11, 2:00 p.m.

Degrees conferred at Spring Convocation are awarded by Senate in February and in June.  
Degrees awarded in February are denoted by an asterisk (\*)

## HONORARY DEGREE RECIPIENT

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Lloyd Robertson, O.C.



Lloyd Robertson will be awarded the degree of Doctor of Laws, *honoris causa*, at the 2:00 p.m. ceremony on Thursday, June 11 “in recognition of his distinguished service and leadership in Canadian television journalism, his renowned work as a host and commentator on a wide variety of topics, and his stellar career as a reporter, writer, and producer which offers inspiration to Canadians in all walks of life.”

As host and chief correspondent for CTV’s investigative news series, *W5*, Lloyd Robertson is still one of the most trusted faces in television news. He spent 35 years as chief anchor and senior editor of the country’s most-watched national newscast, *CTV National News with Lloyd Robertson*.

Mr. Robertson has been broadcasting for more than 50 years. He joined CTV in 1976, and held the title of CTV’s chief anchor and senior editor since 1983. Throughout his illustrious career, he has guided Canadians through significant events. In 1998, Mr. Robertson became an Officer of the Order of Canada, and, in 2007, was the first journalist inducted into Canada’s Walk of Fame.

He is a three-time Gemini winner, was voted Most Trusted TV Journalist by the readers of *TV Guide* a record 11 times and voted Best Anchor twice. Mr. Robertson has honorary degrees from Brandon University, Niagara University and Royal Roads University.

## ORDER OF PROCEEDINGS

### Afternoon ceremony

**Thursday, June 11, 2:00 p.m.**

Chancellor Charles Chi, *B.Eng.*, presiding

The audience is requested to stand when the Academic Procession arrives and remain standing until O Canada has been sung. At the conclusion of the ceremony, the audience will wait until the Academic Procession has left before exiting the Fieldhouse.

Processional Music

John Robert Coghill Jr., *B.Mus.* (bagpipes)

Ross Davison (bagpipes)

Garry Matthews (snare drum)

O Canada (The audience is invited to sing. Please see page 2.)

Performed by

Malak Ghanem

Opening Ceremony

Elder, Lois McCallum

Representing the Métis People

Introduction by the Master of Ceremonies

Kimberly Matheson, *B.A., M.A., Ph.D.*

Vice-President (Research and International)

Conferring of the Degree of Doctor of Laws, *honoris causa*, upon

Lloyd Robertson, *O.C.*

(Presented by Nicolas Papadopoulos, *M.B.A., Ph.D.*

Sprott School of Business)

Convocation Addresses

Lloyd Robertson, *O.C.*

Broadcaster

Conferring of Degrees and Awarding of Medals

Warrant

Katharine Kelly, *B.A., M.A., Ph.D.*

Clerk of Senate and Marshal of Convocation

Welcome from the Alumni Association

Charles Chi, *B.Eng.*

Chancellor

Closing Address by the President and Vice-Chancellor

Roseann O'Reilly Runte, *C.M., B.A., M.A., Ph.D.*

Recessional Music

# DOCTOR OF PHILOSOPHY

(Presented by Professor Langis Roy  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

## AEROSPACE ENGINEERING

**Hamza M. M. Abo El Ella\***, *B.Eng., M.Appl.Sc.*  
Investigation of the Effects of an  
Upstream Cavity on the Secondary Flow  
in Transonic Turbine Blade Passages with  
Endwall Contouring  
*Supervisor: S. Sjolander*

## CIVIL ENGINEERING

**Abdulla Al-Kathairi\***, *B.Sc., M.Sc.*  
Performance Based Road Asset  
Management System, with a Case Study:  
Abu Dhabi  
*Supervisor: A.O.A. El Halim*

**Tariq Bajwa**, *B.Sc., M.Appl.Sc., M.Sc.*  
Microstructure and Macroscopic  
Behaviour of Polymer Amended Oil  
Sands Mature Fine Tailings  
*Supervisor: P. Simms*

**Xiao Li**, *B.A., B.Eng., M.Sc.*  
Modeling of Barrier Failure and Fire  
Spread in CURisk  
*Supervisor: G. Hajisophocleous*

## ELECTRICAL AND COMPUTER ENGINEERING

**Ali Al-Zahrani\***, *B.Sc., M.Appl.Sc.*  
Resource Allocation and Interference  
Management in Heterogeneous Wireless  
Networks  
*Supervisor: R. Yu*

**Zhanjun Bai**, *B.Eng., M.Appl.Sc.*  
A Novel Clock Distribution System with  
Injection Locked Rotary Traveling Wave  
Oscillator and Built-In Self-Test  
*Supervisor: R. Mason*

**Mina Adel Aziz Farhan**, *B.Sc., M.Appl.Sc.*  
Advanced Framework for Transient  
Simulation of High-Speed Circuits and  
Interconnects Using L-Stable High-Order  
Integration Methods  
*Supervisors: M. Nakhla, R. Achar and  
E. Gad*

**Ryan Hunter Griffin\***, *B.Eng., M.Appl.Sc.*  
Novel MOS-Based Biomolecule  
Detection Techniques  
*Supervisor: G. Tarr*

**Nariman Mani**, *B.Sc., M.Sc.*  
Studying the Performance Impact of  
SOA Design Patterns via Coupled Model  
Transformations  
*Supervisors: D. Petriu and M. Woodside*

**Manjender Paul Singh Nir\***, *B.Tech., M.Tech.*  
Scalable Resource Augmentation for  
Mobile Devices  
*Supervisor: A. Matrawy*

**Mehrdad Rahimzadeh Rufeie\***, *B.Sc., M.Sc.*  
Fast Variability Analysis of General  
Nonlinear Circuits Using Hermite  
Polynomial Chaos  
*Supervisors: M. Nakhla, R. Achar and  
E. Gad*

**Tyler Neil Ross**, *B.Eng., M.Appl.Sc.*  
Gallium Nitride Phase Shifters  
*Supervisors: J. Wight, A. Hettak and  
G. Cormier*

**Sayed Alireza Sadrossadat**, *B.Sc., M.Appl.Sc.*  
Sensitivity-Analysis-Based Adjoint  
Neural Network Techniques for Nonlinear  
Applications  
*Supervisors: P. Gunupudi and Q. Zhang*

**Yule Xiong\***, *B.Eng., M.Sc.*  
Silicon Photonic Devices for Sensing,  
Switching, Polarization and Mode Control  
*Supervisor: W. Ye*

**Wenjun Zhou**, *B.Sc., M.Eng.*  
Effective Optical Properties of Ultrathin  
Gold Coatings Investigated by Tilted  
Fiber Bragg Grating  
*Supervisor: J. Albert*

## ENVIRONMENTAL ENGINEERING

**Angelos Anastassopoulos**, *B.Eng., M.Appl.Sc.*  
Urban/Rural Source Apportionment and  
Intraurban Source-Based Spatial Analysis  
of Polycyclic Aromatic Hydrocarbons  
(PAH) and Associated Toxicity  
*Supervisor: D. Karman*

## MECHANICAL ENGINEERING

**Komeil Kazemi Zarkouei\***, *B.Sc., M.Sc.*  
A Holistic Micro-Macro Model of an Arc  
Weld Pool with Microstructure Evolution  
in the Fusion and Heat-Affected Zones  
*Supervisors: J. Goldak and A. Artemev*

# MASTER OF APPLIED SCIENCE

(Presented by Professor Langis Roy  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

## AEROSPACE ENGINEERING

**Shazad Abraham-Doman, B.Eng.**

A Low-Cost Method of Airspeed Data Acquisition Via Image Processing and Experimental Aerodynamic Load Calculation Using Panel Methods

**Christopher Goudie, B.Eng.**

The Effect of Viscoelasticity on the Life Expectancy of Light Composite Aircraft

**Siddharth Kedare\*, B.Sc.**

Space Environment Modelling and Torque-Optimal Guidance for CubeSat Applications

**Alexander McFarlane, B.Eng.**

An Algorithm for Preliminary Aeroelastic Analysis of Composite Wind Turbine Blades

**Pablo Roberto Molina Cabrera, B. Appl.Sc.**

Towards a Visual Simultaneous Localization and Mapping System for Computationally Constrained Systems

**Jean-Michel Prévost\*, B.Eng.**

Controlling Secondary Flows in Highly-Loaded Compressor Cascades

**Andrew Price, B.Eng.**

Data Acquisition System Design and Validation to Record Interior Cabin Noise Levels of Aircraft

**Shawn Kasper Reinink\*, B.Eng.**

Numerical Study of Coherent Structures of Turbulence with Large Wall-Normal Gradients in Thermophysical Properties

**Mark Sutherland, B.Sc.Eng.**

Urban Wake Field Generation Using LES for Application to Quadrotor Flight

**Anne Marie Wice, B.Eng.**

Spatial Dynamic Modelling of High Speed Craft Suspension Seating

**Jonathan Wiebe, B.Eng.**

Development of a Simulation and Optimization Framework for Improved Aerodynamic Performance of R/C Helicopter Rotor Blades

**Robert Williams\*, B.Eng.**

Prediction and Assessment of the Surface-Based Aeroacoustics of Vertical-Axis Wind Turbines

## BIOMEDICAL ENGINEERING

**Geoffrey William Jon Clarke, B.Eng.**

Signal Quality Analysis in Pulse Oximetry: Modelling and Detection of Motion Artifact

**Hasmik Martirosyan\*, B.Sc.**

Integration of Neonatal Mortality Prediction Models into a Clinical Decision Support System

**Patrick Quesnel\*, B.Eng.**

Biosignal Quality Analysis in Ambulatory Electrocardiograms to Enhance Detection of Myocardial Ischemia

**Vismand Rahpeymayrad, B.Comp.Eng.**

Computational Prediction of N-linked Glycosylation Sites on Plant Proteins

**Michael Rockwood\*, B.Eng.**

Reliable, Real-Time Acceleration Measurement Toward Automated Monitoring of Driver Behavior

## CIVIL ENGINEERING

**Ahmad Mfarreh M. Alenezi, B.Sc.**

The Local Buckling Response of Internally Corroded Steel Pipelines under Combined Loads

**Moustafa Awadalla, B.Sc.**

Field and Laboratory Investigation of Asphalt Pavement Permeability

**Armin Eslami, B.Sc., M.Sc.**

Air-Borne Sound Transmission Through Triple-Leaf Walls: Modelling, Measurement and Optimization

**Mahsa Gholami\*, B.Sc., M.Sc.**

Shear Behaviour of Oil Sand Fine Tailings in Simple Shear and Triaxial Devices

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Experimental and Numerical Simulation of Stress Distribution in Landfills

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Fire Resistance of Partially Protected Cross-Laminated Timber Rooms

**Haider Hashim Talib Talib, B.A., B.Sc.**

A Robust Approach for Road Users Classification Using Motion Cues

**Thayaparan Theenathayarli\***, *B.Sc.Eng.*  
Behaviour of Sensitive Leda Clay Under  
Simple Shear Loading

**Johnny Wai Fung Tse\***, *B.Eng.*  
Utilization of Methods of Spatial Analysis  
in Road Safety Evaluation

## ELECTRICAL AND COMPUTER ENGINEERING

**Ahmed Mohammed Alzahrani\***, *B.Sc.*  
Preprocessing Realistic Video for  
Contactless Heart Rate Monitoring Using  
Video Amplification Methodologies

**Allen Amos-Binks\***, *B.Eng.*  
Towards Personalized Interactomes

**Sukneet Basuta\***, *B.Eng.*  
Power and Area Efficient Sub-threshold  
6T SRAM with Horizontal Local Bit-Lines  
and Bit-Interleaving

**Shuyu Ding**, *B.Eng.*  
Nanotechnology for Single Crystalline  
Silicon Solar Cell Applications

**Ahmad Ghadiri Modares**, *B.Sc.*  
Simulation of Next Generation  
Sequencing Short Reads for Mutation  
Spectrum Analysis

**Md Rafiul Hossain\***, *B.Sc., M.Sc.*  
A Comprehensive Comparison of  
Contemporary Parameterized Model  
Order Reduction Techniques

**Akshay Kashyap\***, *B.Eng.*  
Small-Signal Stability Analysis and  
Power System Stabilizer Design for  
Grid-Connected Photovoltaic Generation  
System

**Rahul Kosuru\***, *B.Eng.*  
A New Power System Stabilizer  
Designed for Grid-Connected Doubly  
Fed Induction Generator-Based Wind  
Generation System

**Xiaolin Li\***, *B.Eng., M.Sc.*  
An Energy Aware Green Spine Switch  
Management System in Spine-Leaf  
Datacenter Networks

**Gabriel Patulea**, *B.Eng., M.Sc.*  
Wideband Up-Converting Mixer for  
Digital Communications Implemented in  
130nm CMOS Technology

**Hashem Raslan**, *B.Sc.*  
Reinforcement Learning in Differential  
Games: A Learning Invader for the  
Guarding a Territory Game

**Zhaofen Ren**, *B.Eng.*  
Patient Mobility Monitoring Through the  
Analysis of Bed Exit Centre of Pressure

**Ashwini Madhav Sadekar**, *B.Eng.*  
LTE-A enhanced Inter-Cell Interference  
Coordination (eICIC) with Pico Cell  
Adaptive Antenna

**Mohammadjavad Sheikhzadeh Nadjar\***, *B.Eng.*  
Robust Subthreshold CMOS Voltage-  
Controlled Frequency Synthesizer for  
Wireless Dosimeter Application

**Farideh Shiran\***, *B.Sc.*  
Design of Reliable and Efficient Flip-  
Flops for Subthreshold Operation Using  
Multi-Threshold MOSFETs and Transistor  
Sizing Technique

**Amrita Singh**, *B.Tech.*  
Fabrication of a Micro-hotplate for  
Application as an Infrared Emitter

**Raleigh Robert Smith\***, *B.Sc.*  
Tuning of the Relative Phases of a Rotary  
Travelling Wave Oscillator

**Mourad Soliman\***, *B.Eng.*  
Exploring Source Routing as an  
Alternative Routing Approach in Wide  
Area Software-Defined Networks

**Zhiyuan Yin**, *B.Eng., M.Eng.*  
Joint Cloud and Wireless Networks  
Operations in Mobile Cloud Computing  
Environments

**Fan Zhang\***, *B.Eng.*  
Obstacle Detection Using Monocular  
Camera for Low Flying Unmanned Aerial  
Vehicle

## ENVIRONMENTAL ENGINEERING

**Dina M. Megalla\***, *B.Eng.*  
Heat Transfer Model for an Engineered  
Landfill in Sainte-Sophie, Quebec,  
Canada

## HUMAN-COMPUTER INTERACTION ENGINEERING

**Jesse Raymond Gerroir**, *B.I.T.*  
Constructing Visual Narratives of  
Museum Experiences

**Anthony Scavarelli**, *B.I.T.*  
Crowd Shape as a Visual Feedback  
Mechanism in Human-Computer  
Interaction

## MATERIALS ENGINEERING

**Bingjie Xiao**, *B.Eng.*

Development and Evaluation of Anti-Corrosion and Anti-Bacterial Polymer Coatings for Circulation Coins

## MECHANICAL ENGINEERING

**Darcy James Corbin\***, *B.Appl.Sc.*

Methodology and Experiments to Determine Soot and NO<sub>x</sub> Yields from a Vertical Lab-Scale Flare Burning Alkane-Mixtures and Ethylene

**Mohamed Emad El Sherif**, *B.Eng.*

Development of Computational and Experimental Benchmark Data for Wind Turbine Aeroelastic Algorithms

**Mohamed Amr Mohamed El Tayeb Ahmed\***, *B.Eng.*

Modelling and Synthesis of High Speed Craft Acceleration Profiles

**Omar Mohamed Mostafa Kamal Fouad\***, *B.Eng.*

Position Estimation of Mobile Robots Using Omni-Directional Cameras

**Yasser Hesham Fouad\***, *B.Eng.*

An Experimental Methodology for Characterizing High Speed Craft Seat Suspension Components

**Joshua McLellan**, *B.Eng.*

Modelling and Optimization Methods for a Microchannel Heat Exchanger

**Owen Christopher Roberts**, *B.Eng.*

Development of the High Speed Craft Slam Impact Seat Test Rig

**Xinghe Wang**, *B.Eng.*

A Self-Contained Roadway Kinetic Energy Harvesting System for Energy Recovery

## TECHNOLOGY INNOVATION MANAGEMENT ENGINEERING

**Olukayode Adegboyega**, *B.Eng.*

Representing Botnet-enabled Cyber-attacks and Botnet-takedowns using Club Theory

**Christ Habib**, *B.Eng.*

The Constructs of the Living Labs Innovation Platform

**Mehdi Kadivar\***, *B.Sc.*

Entity Relationship Diagram Approach to Defining Cyber-attacks

**Walter Raymond Miron**

Adoption of Cybersecurity Capability Maturity Models in Municipal Governments

## MASTER OF ENGINEERING

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## AEROSPACE

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## MASTER OF ARTS

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## BACHELOR OF ENGINEERING

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**Ili Nasiha Binti Azni Shah**  
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**Marshall Dorin**

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**Khan Rafat Islam**

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**Muhammad Syahir Muhammad Salim Sundar**

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**Alexander Philip Nicholas**

**Princewill Chinedu Ohuabunwa**

**Bassey Ide Okokon**

**Vanessa Pakium**

**Raymond Jean-Pierre Parent\***

**David Petrasovic\***

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**Yazeed Yousef Rahhal**

**Patrick Rutledge**

**Maryam Salimah Sahir**

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**Emad Kamel George Shenouda**

**Ahmed Abdelnasser Soliman**

**George Dimitrios Stavrou**

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**Cameron Adams**

**Arouna Adéyeebi Clovis Adjou-Moumouni**

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**Syed Naqeeb Rizvi Ali**

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**Alanna Doreen Brunskill**

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**Noreen Mian**

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**Victoria O'Reilly**

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**Nicholas Pierre Dumoulin**  
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**Jameson Patrick Coxon Wood**

**Patrick Rhéal Yamashiro**

**Bulent Yurtsever**

*With Distinction*

## ALUMNI ASSOCIATION WELCOME

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Congratulations on obtaining your degree from Canada's Capital University, and welcome to the Carleton University Alumni Association (CUAA).

With your remarkable achievement today comes membership in a thriving club — a dynamic organization of more than 130,000 people living and working around the world who all share a proud connection with this university. This network can help you realize your dreams, open doors around the world, and connect you to your alma mater.

This is a day for celebration, but it also presents an opportunity for reflection. As you savour your accomplishment, take a moment to look back on your years at Carleton. Remember the ideas that challenged you, the professors who inspired you, and the lifelong friendships you have made. You will treasure these wonderful Carleton memories for the rest of your life.

On behalf of your Alumni Association, congratulations on reaching this milestone. Welcome to the CUAA — we're here to help you as you embark on a happy and successful future.

Jay Nordenstom, *B.A.*  
President, Carleton University Alumni Association



100%