

## 2019 FALL CONVOCATION

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Morning Ceremony – Saturday, November 9, 9:30 a.m.

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Doctor of Philosophy; Master of Arts; Master of Applied Science Human-Computer Interaction; Master of Accounting; Master of Business Administration; Master of Cognitive Science; Master of Computer Science; Master of Science; Graduate Diploma in Curatorial Studies; Graduate Diploma in Health: Science, Technology and Policy; Bachelor of Arts (Honours); Bachelor of Arts; Bachelor of Cognitive Science (Honours); Bachelor of Cognitive Science; Bachelor of Humanities (Honours); Bachelor of Music (Honours); Bachelor of Commerce; Bachelor of International Business; Bachelor of Computer Science (Honours); Bachelor of Computer Science (Major); Bachelor of Health Sciences (Honours); Bachelor of Health Sciences; Bachelor of Mathematics (Honours); Bachelor of Mathematics; Bachelor of Science (Honours); Bachelor of Science (Major); Bachelor of Science; Post Baccalaureate Diploma in Accounting; Post Baccalaureate Diploma in Cognitive Science; Certificate in American Sign Language; Certificate in the Teaching of English as a Second Language



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Doctor of Philosophy; Master of Arts; Master of Applied Science; Master of Engineering; Master of Entrepreneurship; Master of Architecture; Master of Design; Master of Infrastructure Protection and International Security; Master of Information Technology; Master of Philanthropy and Nonprofit Leadership; Master of Political Management; Master of Public Policy and Administration; Master of Social Work; Graduate Diploma in Architectural Conservation; Graduate Diploma in Indigenous Policy and Administration; Graduate Diploma in Public Policy and Program Evaluation; Bachelor of Architectural Studies; Bachelor of Arts (Honours); Bachelor of Arts; Bachelor of Engineering; Bachelor of Industrial Design; Bachelor of Information Technology; Bachelor of Economics (Honours); Bachelor of Economics; Bachelor of Global and International Studies (Honours); Bachelor of Global and International Studies; Bachelor of Journalism; Bachelor of Communication and Media Studies (Honours); Bachelor of Communication and Media Studies; Bachelor of Public Affairs and Policy Management; Bachelor of Social Work; Post Baccalaureate Diploma in Economics

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Share your memories using the hashtag **#CarletonConvocation**

## O CANADA

O Canada! Our home and native land!  
True patriot love in all of us command,  
Car ton bras sait porter l'épée,  
Il sait porter la croix!  
Ton histoire est une épopée  
Des plus brillants exploits,  
God keep our land glorious and free!  
O Canada, we stand on guard for thee.  
O Canada, we stand on guard for thee.

## 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 community movement under the Ottawa Association for the Advancement of Learning, 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 more than 30,000 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 Marshal 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 EAGLE STAFF

The Eagle Staff is sacred to many Indigenous peoples. It represents the strength and resilience of Indigenous communities and is traditionally carried by someone who has served their community in combat, in leadership or spiritually. In 2013, Indigenous students at Carleton were gifted an Eagle Staff with ribbons and eagle feathers representing First Nation, Métis and Inuit learners. Since then, the staff is carried by an Indigenous student and leads the procession during Convocation. This acknowledges that Carleton University is situated within the unceded and unsundered territories of the Algonquin Nation.

### THE DIPLOMA

The diploma 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 or her 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.

As well, Indigenous graduates and faculty may choose to wear traditional Indigenous attire in lieu of a gown. The hood may be carried rather than worn, depending on cultural protocols. Carleton acknowledges the diversity of Indigenous peoples, communities and nations and recognizes that traditional Indigenous attire may vary.

All three academic 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 yellow; applied science is golden poppy with a black cord; architecture is hot pink; 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; communications and media studies is navy blue; computer science is walden blue; economics is old gold; engineering is golden poppy; entrepreneurship is palmetto green; global and international studies is lavender; health sciences is firebird red; humanities is white with a red cord; industrial design is toreador red; master of information technology is maize; bachelor of 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; journalism and humanities is white

with black and red cord; business administration is camel brown with a black cord; mathematics is hunter green; media production and design is white with black and gold cord; 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 peacock with a gold cord; public policy and administration is peacock with a black cord; science is Spanish 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 construction of this exceptional facility.

## OFFICIATING OFFICERS

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### Chancellor of the University



**Yaprak Baltacioğlu, LL.B., M.A.**

Yaprak Baltacioğlu was named the 12th Chancellor of Carleton University in December 2018. She is an alumna and accomplished public-sector leader who has been a trailblazer, adviser and mentor for civil servants across Canada. Her award-winning career in the federal civil service spanned more than 25 years. She has been honoured by the Public Policy Forum and was twice recognized by the Women's Executive Network as one of Canada's Top 100 Most Powerful Women. Baltacioğlu is a professor at the University of Toronto's Munk School of Global Affairs and Public Policy. She also serves on the boards of the Institute of Corporate Directors, Hydro Ottawa, Canadian Nuclear Laboratories and the Stratford Festival.

### The President and Vice-Chancellor



**Benoit-Antoine Bacon, Ph.D.**

Benoit-Antoine Bacon was appointed as President and Vice-Chancellor on July 1, 2018. He joined Carleton from Queen's University where he served as Provost and Vice-Principal (Academic). His first academic appointment was at Bishop's University. He is a three-time recipient of Bishop's Merit Award for exceptional performance in teaching and research. He holds a PhD in neuropsychology from the University of Montreal and completed an NSERC-funded postdoctoral fellowship at the University of Glasgow in Scotland. His research in the field of cognitive neuroscience focuses on the links between brain activity and perception in the visual and auditory systems, as well as on multi-sensory integration.

### Chair of the Board of Governors



**Nik Nanos, HCapt (N), M.B.A.**

The son of Greek immigrants, Nik Nanos is Chief Data Scientist and Founder of the Nanos Research Group of Companies. Nanos is a leading corporate business strategist, conducting market and public opinion research and providing counsel to diverse organizations, including Fortune 500 companies and non-profit groups. He has undergraduate degrees in history and political studies and a Master of Business Administration from Queen's University. His training includes PhD-level studies in quantitative methods at the University of Nottingham. He is a Research Associate Professor at the State University of New York and a Global Fellow at the Woodrow Wilson International Center for Scholars.

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The Presiding Officer of the Fall 2019 Convocation Ceremonies is the President and Vice-Chancellor of the university, Benoit-Antoine Bacon, *Ph.D.* Accompanying him on the podium for today's ceremonies is the Chair of the Board of Governors, Nik Nanos, *HCapt (N), M.B.A.*

## ASSISTING THE VICE-CHANCELLOR

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### **Marshal of Convocation**

Betina Appel Kuzmarov  
Assistant Professor, Faculty of Public Affairs

### **Associate Marshals of Convocation**

Anne Bowker  
Associate Dean, Faculty of Arts and Social Sciences

Danette Nearing-Guibord  
Instructor III, Institute of Criminology and Criminal Justice

### **Eagle Staff Carrier**

Margaret Ross  
Métis Nation

### **Beadles of Convocation**

Martha Attridge Bufton  
Interdisciplinary Studies Librarian,  
MacOdrum Library

Diane Berezowski  
Assistant Coordinator, Circulation, Audio-Visual  
Resource Centre, School for Studies in Art and Culture

Dawn Blackman  
Senior Project Manager, Facilities Management and Planning

Sandra Cloutier  
Undergraduate Administrator, Department of Health Sciences

Linda Cruz  
Conference Coordinator, Conference Services

Lana Keon  
Institute Administrator, The Pauline Jewett Institute of Women's and Gender Studies

Scott Mitchell  
Chair and Associate Professor, Department of Geography and Environmental Studies

Pamela Wolff  
Instructor, Department of Chemistry and Institute of Environmental Science

**The university thanks the many faculty, staff, campus departments and ancillary operations for their valuable contribution to the success of the Fall 2019 Convocation ceremonies.**

## MEDALLISTS IN THE GRADUATING CLASS

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### GOVERNOR GENERAL'S MEDAL

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

*Donor: Her Excellency the Governor General of Canada*

**Ying He**

### CHANCELLOR'S MEDAL

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

**Mercedes Katharina Veselka**

### 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

**Samah Saci**

### UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

**WORK**—Doctoral level

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

**Ying He**

### UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

**WORK**—Master's level

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

**Mallory Elizabeth Walters**

### UNIVERSITY MEDAL

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

Arts

**Arianna Daminato**

**Julia Amalia Jeffery Garza**

Cognitive Science

**Cody Jordan Cane**

Commerce

**Xiaohan Xu**

Communication and Media Studies

**Qian Zhao**

Computer Science

**Madeline Helen Hood**

Engineering

**Abdul-Halim Ratmono**

Global and International Studies

**Roopinder Kaur Nagra**

Health Sciences

**Jacek Michael Kudakiewicz**

Humanities

**Beverly Adesuwa Osazuwa**

Journalism

**Gabrielle Van Looyen**

Mathematics

**Michael Gio Cayanan**

Music

**Nico William Hoekstra**

Science

**Brittany Jean Dugan**

## SENATE MEDALS FOR OUTSTANDING ACADEMIC

### ACHIEVEMENT—Graduate

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

Doctoral level

**Mohamed Alzenad**

**Christine Anna Chisholm**

**Zachary Dwyer**

**David Thomas**

Master's level

**Tamara Phoebe Banbury**

**Frankie Di Renzo**

**Thomas William Dudgeon**

**Johanna McPhee**

**Jessica Nicole Rocheleau**

## SENATE MEDALS FOR OUTSTANDING ACADEMIC

### ACHIEVEMENT—Undergraduate

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

**Sara Fahad Algubaa**

**Arno Arian Bashtar**

**Jun Chen**

**Emily Jayne Davison**

**Julie Goodwin**

**Skyler Gubbels**

**Natalie Hart**

**Tristan Clayton Lee-Coughlin**

**Yunwei Li**

**Kim Nguyen**

**Vanessa Gail Ortaleza**

**Lucas G. Palmer**

**Christine Papworth**

**Andrea Diane Strathdee**

**Adam Renshaw**

**Richard Ryczanowski**

**Molly Christine Watson**

## RECOGNITION OF HIGH ACADEMIC ACHIEVEMENT

The designation of *with Distinction* and *with High Distinction* recognizes outstanding academic achievement by undergraduate students.

In order to have the designation awarded, the following criteria must be met:

- Students must have completed at least 10.0 credits at Carleton University toward the degree;
- For the designation *High Distinction*, an overall cumulative grade point average equal to or greater than 10.40 (on a 12-point scale);
- For the designation *Distinction*, an overall cumulative grade point average equal to or greater than 9.80 (on a 12-point scale).



## MORNING CEREMONY

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Saturday, November 9, 9:30 a.m.

## HONORARY DEGREE RECIPIENT

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**Hon. Mary Ellen Turpel-Lafond/Aki-kwe, S.J.D., J.D.**



Mary Ellen Turpel-Lafond will be awarded the degree of Doctor of Laws, *honoris causa*, at the 9:30 a.m. ceremony on Saturday, November 9, “in recognition of her commitment to improving supports for Indigenous peoples and addressing the needs of children and youth involved in the justice system.”

Turpel-Lafond, or Aki-kwe, is a practising lawyer and tenured full professor of law at Peter Allard Hall Law School at the University of British Columbia. She is a member of the Indigenous Bar, as well as the law societies of British Columbia, Nova Scotia and Saskatchewan. She is senior associate counsel at Woodward and Company, one of Canada’s leading Indigenous rights law firms. Turpel-Lafond is the inaugural director of the Indian Residential School Centre for History and Dialogue at the University of British Columbia.

A Saskatchewan Provincial Court judge for 20 years, Turpel-Lafond was given leave to serve as B.C.’s first Representative for Children and Youth from 2006 to 2016. During her time on the bench, she was actively involved in projects relating to better supports for Indigenous people, and especially addressing the unique needs of children and youth involved in the justice system. Her work as Representative for Children and Youth included examining the child-serving system and advocating for many improvements. She was responsible for case advocacy for more than 17,000 children, youth and families in all parts of the province and across Canada, with the majority of matters involving Indigenous children and families.

She holds a doctorate in law from Harvard Law School, a master’s in international law from Cambridge University, a law degree from York University’s Osgoode Hall, and a Bachelor of Arts degree from Carleton.

Early in her career, she was a tenured law professor at Dalhousie Law School. She instructed in a number of law schools in Canada and the United States. She has appeared at all levels of court in Canada and served as a mediator and negotiator on land claims, Indigenous and human rights matters, and worked in public law litigation. She is the author of more than 50 published works and reports.

Turpel-Lafond was awarded the distinction of Indigenous Peoples’ Counsel from the Indigenous Bar Association in 2006.

Her relations are from the Muskeg Lake Cree Nation and Norway House Cree Nation and she has many close friends and relations in First Nations communities throughout British Columbia and Canada.

## ORDER OF PROCEEDINGS

### Morning Ceremony

**Saturday, November 9, 9:30 a.m.**

President Benoit-Antoine Bacon, *Ph.D.*, presiding

*The audience is requested to stand when the Academic Procession arrives and remain standing during O Canada and the Elder's greeting. At the conclusion of the ceremony, the audience will wait until the Academic Procession has left before exiting the Fieldhouse.*

Processional Music

Ottawa River Singers  
Jack Coghill (bagpipes)  
Gregory Joseph (bagpipes)  
James Bush (snare drum)

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

Performed by Deanna Singh

Opening Ceremony

Elder Barbara Dumont-Hill  
Kitigan Zibi Anishinabeg

Introduction by the Master of Ceremonies

Jerry Tomberlin, *Ph.D.*  
Provost and Vice-President (Academic)

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

Hon. Mary Ellen Turpel-Lafond, *S.J.D.*, *J.D.*  
(Presented by Professor Pauline Rankin, *Ph.D.*, Dean, Faculty of Arts and Social Sciences)

Convocation Address

Hon. Mary Ellen Turpel-Lafond, *S.J.D.*, *J.D.*  
Director, Indian Residential School History and Dialogue Centre  
Professor, Peter A. Allard School of Law, University of British Columbia  
Senior Associate Counsel, Woodward and Company

Conferring of Degrees and Awarding of Medals

Warrant  
Betina Appel Kuzmarov, *Ph.D.*  
Marshal of Convocation

Welcome from the Alumni Association

Amanda Goth, *M.Sc.*

Closing Address by the President and Vice-Chancellor

Benoit-Antoine Bacon, *Ph.D.*

Recessional Music

# DOCTOR OF PHILOSOPHY

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

## APPLIED LINGUISTICS AND DISCOURSE STUDIES

### **Matthew Andrew Falconer**

Providing Science Advice: An  
Ethnography of the Council of Canadian  
Academies' Boundary Work of  
Recontextualizing Expert-Produced  
Scientific Knowledge for Canadian  
Government Policy-Makers  
*Supervisor: G. Smart*

### **Shahin Nematizadeh**

Willingness to Communicate and Second  
Language Speech Fluency: A Complex  
Dynamic Systems Perspective  
*Supervisor: D. Wood*

### **Ana Lúcia Tavares Monteiro**

Reconsidering the Measurement  
of Proficiency in Pilot and Air  
Traffic Controller Radiotelephony  
Communication: From Construct  
Definition to Task Design  
*Supervisor: J. Fox*

## COGNITIVE SCIENCE

### **Chris Genovesi**

Food for Thought: Metaphor in  
Communication and Cognition  
*Supervisors: E. Corazza & R. Singh*

## ENGLISH

### **Tad Lemieux**

Arctic Rhetoric and Inuit Sovereignty  
*Supervisors: S. Murray*

### **Melissa Pullara**

Spooking the System: Re-Evaluating  
Belief Formation Through Psychological  
Disturbance and Supernatural Encounter  
in Early Modern English Drama  
*Supervisor: T. DeCook*

### **David Thomas**

Of Labs and Other Places: (Literary)  
Criticism in the Age of Social Innovation  
*Supervisor: S. Brouillette*

## GEOGRAPHY

### **Nillofar Alavi-Shoushtari**

Evaluating the Relationships of  
Phenological and Inter-Annual  
Landscape Dynamics with Farmland  
Biodiversity using Multi-Spatial and Multi-  
Temporal Remote Sensing Data  
*Supervisor: D. King*

## HISTORY

### **Christine Anna Chisholm**

Life After the Scandal: Thalidomide,  
Family, and Rehabilitation in Modern  
Canada, 1958-1990  
*Supervisor: S. Klausen*

### **James Allan Stuart MacKay**

Southern Heretics: The Republican Party  
in the Border South During the Civil War  
Era  
*Supervisor: J. Miller*  
Specialization in Political Economy

## PSYCHOLOGY

### **Eve-Marie Blouin-Hudon**

I daydream therefore I am: Investigating  
associative and narrative processes in  
daydreaming and self-concept  
*Supervisor: J. Zelenski*

### **Cecilia Jorgenson**

The Relationship Between Sources of  
Information and Perceived Competence  
Across a Sports Season: A Planned  
Missing Data Approach  
*Supervisor: A. Bowker*  
Concentration in Quantitative  
Methodology

### **Robin M. Langerak**

Embodied Presence: Evidence for  
Embodiment of Effectors When Pointing  
in Virtual Environments  
*Supervisor: C. Herdman*

### **Angela Helena Smeth**

Validating the Structured Dynamic  
Assessment Case-Management 21-item  
(SDAC-21) in a Sample of Incarcerated  
Offenders  
*Supervisor: R. Serin*

**Karin Sobocko**

Being Alone with Others: A Unique  
Form of Social Contact and Its Impact on  
Momentary Positive Affect  
*Supervisor: J. Zelenski*

**SOCIOLOGY****Gregory Roy Brown**

To Swerve and Neglect: De-Policing  
Throughout Today's Front-Line Police  
Work  
*Supervisors: A. Doyle & L. Keown*

**Alexander Castleton**

Ageing and Technology: The Case of  
a One-Tablet-Per-Senior Program in  
Uruguay  
*Supervisor: C. Novas*

**Çağlar Dölek**

Thieves, *Kabadayıs*, and Revolutionaries  
on the Margin: A Social History of the  
Police in the Altındağ Slums in Ankara,  
Turkey (1920s-1970s)  
*Supervisor: G. Rigakos*  
Specialization in Political Economy

**Jesús Alejandro Hernández-Ramírez**

Mexican Youth in Canada: A Political  
Economy Analysis of Motivations for  
Immigration, Labour Market Integration,  
and Transnational Practices  
*Supervisor: D. Stasiulis*  
Specialization in Political Economy

**Matthew Johnston**

Stories of Madness: Exploring  
Resistance, Conformity, Resiliency,  
Agency, and Disengagement in Mental  
Health Narratives  
*Supervisor: L. Karaian*

**Valerie Monique Stam**

"It is Not Possible to be Dutch, and  
Muslim, and Black: Second-Generation  
Youths' Everyday Practices of Resisting  
Racism and Islamophobia in the  
Netherlands  
*Supervisor: J. Kennelly*

**MANAGEMENT****Harinder Chhina**

An Investigation of the Relationship  
Between Acculturation, Follower  
Identity, and Organizational Climate with  
Leadership Effectiveness  
*Supervisors: L. Schweitzer & S. Murphy*

**Marc Pilon**

Accountability in Ontario's Health Care  
System: The Role of Governance and  
Information in Managing Stakeholder  
Demands  
*Supervisor: F. Brouard*

**BIOLOGY****Kamya Bhatnagar**

Understanding the Genetics and  
Evolution of Antimicrobial Resistance in  
*Escherichia Coli*  
*Supervisor: A. Wong*

**Daniel Burnside**

Functional Applications of Systems  
Biology Tools: Identification of Novel  
DNA Repair Factors and Peptide Design  
*Supervisor: A. Golshani*

**Christie Childers**

Reversible Enzyme Phosphorylation as a  
Mechanism for Metabolic Adaptation to  
Dehydration in the Skeletal Muscle of the  
African Clawed Frog, *Xenopus laevis*  
*Supervisor: K. Storey*

**Sara Ellen Josephine Collins**

Agriculture and the Life Aquatic: Effects  
of Agricultural Landscape Structure on  
Farmland Aquatic Biodiversity and Water  
Quality  
*Supervisor: L. Fahrig*

**Myy Mikwar**

The Effect of Dietary Folic Acid  
Supplementation on Female Germ Cell  
Aneuploidy  
*Supervisors: S. Aitken & A. MacFarlane*

**Kama Szereszewski**

Regulation of Antioxidant Defenses, DNA  
Damage Repair, the Immune Response,  
and Neuroprotection During Hibernation  
in the Thirteen-Lined Ground Squirrel  
*Supervisor: K. Storey*  
Specialization in Biochemistry

**COMPUTER SCIENCE****Darryl Richard Hill**

Improved Spanning and Routing Ratios  
on Geometric Graphs  
*Supervisors: P. Bose & J. De Carufel &  
M. Smid*

**Riham Mohamed**

Investigating Decay Representations  
for Privacy and Online Reputation  
Management  
*Supervisor: S. Chiasson*

## EARTH SCIENCES

### **Braden Ross Buchanan Gregory**

Understanding the Impact of Millennial to Sub-Decadal Climate and Limnological Change on the Stability of Arsenic in Lacustrine Sediments

### **Nico Kasteck**

2.0 to 1.9 Ga Large Igneous Province Magmatism in Northern Quebec — U-Pb Geochronology and Geochemistry  
*Supervisors: R. Ernst & B. Cousens*

### **Nkechi E. Oruche**

Stratigraphy of the Middle to Upper Ordovician Foreland-Basin Succession, Ottawa Embayment: Emphasis on the Turinian-Chatfieldian Succession  
*Supervisor: G. Dix*

## APPLIED MATHEMATICS

### **Ahmed Almohaimeed**

Internal-Gravity-Wave Interactions in the Presence of Localized Chemical Heating in the Atmosphere  
*Supervisor: L. Campbell*

## NEUROSCIENCE

### **Melanie J. Clarke**

Novel Treatment Strategies for Major Depressive Disorder: Investigating Ketamine's Antidepressant Effects and the Role of the c-Jun N-Terminal Kinase Pathway  
*Supervisor: S. Hayley*

### **Zachary Dwyer**

Environmental Toxicant Exposure and Parkinson's Disease: LRRK2 and Inflammatory Processes  
*Supervisor: S. Hayley*

### **Ashley Thompson**

Erythropoietin as a Modulator of Pathology in a Toxicant Mouse Model of Parkinson's Disease  
*Supervisor: S. Hayley*

## PHYSICS

### **Kevin James Earl**

Exploring Supersymmetry and Naturalness in Light of New Experimental Data  
*Supervisor: T. Gregoire*  
Specialization in High Energy Physics

### **Alexandre Nicolas Poulin**

Dark Matter, Higgs Portals and Freeze-out  
*Supervisor: S. Godfrey*  
Specialization in Particle Physics

## MASTER OF ARTS

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

## ANTHROPOLOGY

### **Sheridan Christine Conty**

The National Inquiry into Missing and Murdered Indigenous Women and Girls: A Counter-Archive

### **Frankie Di Renzo**

There Are No Communists in Cuba

### **Rebecca Marie Nokleby**

Navigating Conservatism in Trump's America: How the Penn State College Republicans Construct and Perform Political Discourses and Realities on Campus

## APPLIED LINGUISTICS AND DISCOURSE STUDIES

### **June Claudia Creighton Payne**

### **Laura Jurrina Denker**

### **Nathaniel Dorgbetor**

### **Hala El-Youssef**

### **Yana Lysiak**

An Exploration of the Relationships Among Task Repetition, Formulaic Language, and Perceived Fluency in Chinese L1 EAP Students Oral Presentations

**Gillian Margaret McLellan**

Technology-Mediated Workplace  
Language Training: Developing and  
Assessing a Module for a Blended  
Curriculum for Newcomers

**Malak Turki Ali Swaie**

An Investigation of Jordanian English  
as a Foreign Language (EFL) Teachers  
Perceptions of and Practices in  
Classroom Assessment

**ART HISTORY****Alexia-Leana Kokozaki**

Lee Mingwei: The Art Must Go On

**Annika Elke Mazzarella****Amélie Hélène Rachel Rapp****Rebecca A. Semple**

Interpreting Otherness: Picturing the  
Turk in Tintoretto's Venice

**CANADIAN STUDIES****Catherine Cecilia Jane Stockall****ENGLISH****Sara Winona Adams****Geoffrey Bates**

Specialization in Digital Humanities

**Courtney Helene Bolak****Toni Collette****Joshua Steven Dykas****Chelsey Drew Anna Girard**

Specialization in Digital Humanities

**Alanna Megan Gray****Beatrice Astrid Hieblinger-Rempel****Kelli Lynn Knox****Kendra Landry****Bradley Aaron Alexander McDermid****Amanda Taylor Seed****Jamee Christine Thibault****Meghan Tibbits-Lamirande****Amal Hope Tohme****Ruth Truong**

Specialization in Digital Humanities

**Daria Simon Turner****FILM STUDIES****Colin Ben Mackey**

Evil Eyes Look Back: Exploring the  
Returned Gaze in Horror Cinema

**FRENCH AND FRANCOPHONE STUDIES****Ghifar Alomary**

*La Ceinture* d'Abodehman: Réincarner  
L'âme des Lieux dans un Texte-Village

**GEOGRAPHY****Adriana Paulina Ascencio Ramos**

Everyday Experiences of Women  
in Mass-produced Housing in the  
Metropolitan Area of Guadalajara, Mexico

**Dzifa Esi Binka**

Hidden Voices in Transnationalism:  
International Post-Secondary Student  
Experiences of Precariousness and  
Belonging in Ottawa

**Dara Jean Potts**

Hybrid Government Institutions:  
Reconciliation or Institutional  
Colonialism? The Case of the Tłı̨ch̓  
Peoples, Northwest Territories

**HISTORY & HISTORY - PUBLIC HISTORY****Nancy Ann Carvell**

A People Apart: New Brunswick  
Acadians, Conscription, and the Second  
World War

**Christian Marius De Jager**

Specialization in African Studies

**Philip Michael Lamancusa**

The Canadian War Museums 1812:  
A Question of Perspective

**Katherine Anne Morrow****Hollis Jack Beaumont Peirce**

Academic Accessibility: A Case Study  
of Carleton University From a Physically  
Disabled Perspective, 1942 - 2019  
Specialization in Digital Humanities

**Thomas Sloss**

Danger, Deviancy, and Desire in  
Apartheid South Africa: Visualizing an  
Exchange of Transnational Homoerotic  
Commodities

**Bridjet Jennifer Lee**

An Eye Tracking Comparison of Instructional Videos Showing a Monologue Versus a Dialogue: Impacts On Visual Attention, Learning, and Psychological Variables

**Alexandra Irene Mesley**

Canadian Citizens' Acceptance of Voting Technologies

**Joanie Ouellet**

Cultural and Linguistic Variables in Usability Testing

**Jessica Nicole Rocheleau**

Privacy Attitudes and Behaviours of Autistic and Non-Autistic Teenagers on Social Networking Sites

**MUSIC AND CULTURE****Meredith Jayne Boerchers**

To Bring a Little Bit of the Land: Tanya Tagaq Performing at the Intersection of Decolonization and Ecocriticism

**Adriana River Doucette-Raymond****Samantha Kathleen McEwan****NORTHERN STUDIES****Kaitlyn Karen Bakker****Elizabeth Marie Hawker****Andrew James MacGregor****Krista Magee****Shania Dheeksha Mahendran****Monica Chelsea Sonya Pishew****PHILOSOPHY****Joseph Lyall Baker**

Aristotle on the Preparatory Role of Habits in Education: Virtue, Choice and the Love of the Noble

**Rachel Munro**

Unknown Evils: Revisiting the Psychopathy/Responsibility Debate with Epistemic Injustice

**Noah Benjamin Quinn****PSYCHOLOGY****Saif Amali**

The Relations Among Affect-Related Personality Traits, Mood, Temptation and Academic Procrastination in Everyday Life

**John Sebastian Baglole**

Carrying Disaster Lightly: Assessment of Resilience in Two Populations with Psychopathic Features

**Jonathan Capaldi**

Basic Psychological Needs and Passion: Exploring Predictors of Problematic Video Gaming Behaviours

**Bailey May Fraser**

Eyewitness Identification Accuracy: The Influence of Olfactory Stimuli Used as a Form of Context Reinstatement

**René Guardado**

Career Decision Self-Efficacy and Career Decision Distress: The Role of Occupational Engagement, Grit, and Future Work Self Salience Among Recent University Graduates

**Shaela Tulick Jalava**

Can Decision-Making be Improved by Allowing Eyewitnesses to Opt-Out?: Examining the Utility of a 'Not Sure' Option With Showups

**Bryce William Jenkins**

Canadian Police Tactical Units: The Normalization of Police Militarization or a Pragmatic Response to High-Risk Calls?

**Ghadir Kawar**

What are the Risks? From Bullying in Youth to Cyberbullying in Emerging Adulthood

**Ariane-Jade Khanizadeh**

Can Police Officers Foresee the Future? Predicting Outcomes from Thin Slices of Police-Public Encounters

**Janelle Christine Knoop**

Compounding Prejudice? Investigating Canadian Mock Juror Perceptions of Victim Race and Work in the Sex Trade

**Alicia LaPierre**

Factor Structure and Distinctiveness of the Violence Propensity Vignette Questionnaire (VPVQ)



**Gabrielle Lucente**

Correlates of Denial: Exploring the  
Function of Denial Among Men Who  
Commit Sexual Offences Against  
Children

**Erin Macdonald**

Peer Information and Substance Use  
Decision Making in Street-Involved Youth

**Ryan Oliver Miller**

This Job is Beneath Me: Subjective  
Underemployment, Person-Job Fit, and  
the Role of Proactive Career Behaviours

**Caidence Sonya Paleske**

An ERP Study to Investigate Age-Related  
Differences in Sensory Gating and  
Auditory Processing

**Adrienne A. Paynter**

Shifts in Past Self Perceptions to  
Preserve Well-Being After a Romantic  
Breakup

**Lynden Phillip Perrault**

Do Evaluative Attitudes Towards  
Violence Influence Violent Behaviour? A  
Replication and Extension

**Joshua Robert John Peters**

Exploring Heterogeneity Among Deniers:  
Does Denial Predict Sexual Offender  
Recidivism Among Distinct Groups of  
Deniers?

**Tori Lynn Semple**

The Use of De-escalation by Police  
Officers in a Simulated Use of Force  
Encounter

**Chelsie Josephine Smith**

What Will End the Silence?  
Understanding Employee Voice in Cases  
of Workplace Sexual Misconduct

**Christine Edith Tulk**

The Impact of Job Accommodations on  
Mental Health-Related Stigma

**James Vellan**

Size and Spatial Congruity Effects in  
Single-Digit Magnitude Judgment Tasks

**Lori K. Watanabe**

Alone with My Phone: Exploring Links  
Between Solitude, Technology Use,  
and Socio-Emotional Functioning in  
Adolescents

**RELIGION AND PUBLIC LIFE****Idoia Arana-Beobide****Adam Berk****Erin Patricia Roberts****Alexandra Ada Valeriotte****SOCIOLOGY****Justin David Gobeil****Mikayla Brie Sherry**

Towards a More Critical Consciousness:  
Race-Making, Affect, and Counter-  
Knowledges

**Jennifer Ann Snoeks****WOMEN'S AND GENDER STUDIES****Derek Aubin****Katarina Maria Lauch**

Gendered by Design: The Socialization of  
Women in Engineering School

**Vesna Lukić**

From the Disordered Mind to the  
Socialized Lived Body: Agoraphobia  
Through the Lens of a Radical Feminist  
Phenomenology

**MASTER OF APPLIED SCIENCE HUMAN-COMPUTER INTERACTION**

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**HUMAN-COMPUTER  
INTERACTION****Shahla Ghanbari Vahid**

Kinetic Fabric Samples as a New  
Approach to Interactive Fashion Arts

# MASTER OF ACCOUNTING

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

Yasmin Abdi

Christopher Dale Allen

Jeffrey Steven Alves

Pooja Prashant Awati

William Brooks

Filip Buljan

Yi Lai Miranda Chan

Pieter Chauhari

Priscilla Chen

Folajimi Temitope Dairo

Peter Saturnin Drogosiewicz

Mark Eisa

Justin David Ellam

Gurjiwan Singh Gill

Megan Grotsky

Lakshani Eranthi Herath

Abigail Hoekstra

Huan Chang Huang

Xinyi Huang

Mizuho Itoh

Madalina Jalbu

Ziyan Jiang

Connor Terris Jones

Eva Jonuzaj

Amandeep Kaur Kalirai

Taylor Kealey

Veronika Dawn Kelly

Olivia Jade Khare

Laura Elizabeth Edna Klinduch

Alison Danielle Langlois

Justin Michael Lee

Darah Kathleen Leith

Jiawei Li

Paige Catherine Little

Di Liu

Esmond Warren Lui

Amy Mary McIlvenna

Rebecca Lynn McKay

Marta Pokrywka

Siam Rahman

Gurinder Singh Randhawa

Katherine Richard

Chantal Anne-Marie Rock

Riley Savory

Patrick Schnarr

Meghan Singh-Wilton

Adam Skoczylas

Timothy Swift

Clayton John Thompson

Eric Michael Thomson

Michael Stone Tiberio

Marushka Jeanne Tyo

Julia Francesca Maria Weber

Anthea Yan-Yee Wong

Jing Zhou

## MASTER OF BUSINESS ADMINISTRATION

---

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Peter Drucker**

**Raqib Mahmud**

Concentration in Management and  
Change

**Sandra E. Nelson**

Concentration in Management and  
Change

**Conor William Sutherland**

**Liang Tian**

**Zachary Van Allen**

**Zihao Zong**

## MASTER OF COGNITIVE SCIENCE

---

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Katelyn Adele Therese Dudzik**

Cognitive Modeling as a Method  
for Agent Development in Artificial  
Intelligence

**Donna Lynn Monbourquette**

Ahead of Its Time: An Exploration of  
Virtual Environment Effects on Time  
Estimation

**Ashley Sokalski**

Are Action Concept Deficits Embodied  
in a Topographic Manner in Adults with  
Cerebral Palsy?

## MASTER OF COMPUTER SCIENCE

---

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Mohamed Gamal Al Sharnouby**

Thread Homeostasis - Real-Time  
Anomalous Behavior Detection Using  
Short Sequences of Messages for Safety-  
Critical Software

**Yaser Alwattar**

Inverse Visual Question Answering with  
Multi-Level Attentions  
Specialization in Data Science  
Co-operative Education

**Tahira Jabeen Ghani**

On *Forecasting* Lung Cancer Patients'  
Survival Rates Using 3D Feature  
Engineering  
Specialization in Data Science

**Hemant Gupta**

Onboarding and Software Update  
Architecture for IoT Devices

**Zahra Hassanzadeh**

User Understanding of Internet Data  
Breaches

**Xinyuan Lu**

Question Generation with Adaptive  
Copying Neural Networks  
Specialization in Data Science

**Michael Christopher Kitandwe Lutaaya**

Me, Myself, and ID: Towards Usable,  
Privacy-Preserving, Fraud-Resistant  
Digital Identity Services for Smartphone  
Users

**Pourya Saljoughi Badlou**

JOWSDATALOG: An Ontology Based  
Data Access Tool for Jointly-Weakly-  
Sticky Datalog± Programs

**Navneet Kaur Sidhu**

Co-operative Education

**Dongmei Yu**

## MASTER OF SCIENCE

---

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

### BIOLOGY

**Kaylen Brzezinski**

Examining the Effects of Cold on Gut  
Epithelial Permeability in *Locusta*  
*migratoria*

**Ryan Alexander Collins**

Exploration into the MLL4/WRAD  
Enzyme-Substrate Network: Systematic  
Identification of CFP1 as a Non-  
Histone Substrate of the MLL4 Lysine  
Methyltransferase

**Ian Alexander Dewan**

Two Models of Predator Decision Making  
Under Uncertainty

**Stephanie Andrea Diaz Gonzalez**

Folate Induced Mutagenesis and  
Identification of Folate-Specific Mutation  
Spectra in Somatic Cells  
Specialization in Bioinformatics

**Maria Daniella Doria**

Are You What You Eat? How Protein  
and Carbohydrate Availability during  
Development Influence Cricket Cognition  
and other Fitness Conferring Traits in  
Adulthood

**Lauren Kelly Efford**

Combining Experimental and Theoretical  
Evidence to Understand Predator  
Learning Behaviour with Unfamiliar Prey

**Syeda Fatima Haider**

Testing Natural Products for Toxicity  
against Agricultural Pests and Pathogens  
Specialization in Chemical and  
Environmental Toxicology

**Daniel Paul Klein**

The Downstream Targets of MYB-Type  
Transcription Factors Involved in Suberin  
Biosynthesis

**Delaney Nicole Large**

Metabolism and Fate of  
Organophosphate Ester (OPE)  
Contaminants in Rainbow Trout  
(*Oncorhynchus Mykiss*) Using *in vitro*  
Lab-Based Studies  
Specialization in Chemical and  
Environmental Toxicology

**Zephania Dee Lung**

Regulation of DNA Damage Repair in  
Response to Freezing and Anoxia in the  
Wood Frog, *Rana Sylvatica*

**Nimrat Kaur Manes**

Characterization of Receptor Kinases  
and Downstream Signalling Components  
Involved in Fusarium Head Blight  
Resistance

**Mary Gwen Miltenburg**

Identification of Candidate Effector  
Proteins from *Fusarium graminearum*  
during Infection of *Arabidopsis thaliana*  
Using Proximity-Dependant Biotin  
Identification (BioID)

**Katherine Elizabeth Noah**

Genome-Wide Association Study of  
*Pseudomonas Aeruginosa* Adaptations  
to the Cystic Fibrosis Lung  
Specialization in Data Science

**Hayley Anne Paquette**

Macrolichen and Calicioid Flora of  
Forillon National Park, Quebec, Canada:  
The Big and Little Lichens and their  
Associates

**Geronimo Parodi-Matteo**

Effect of Chronic, Low-Dose TCDD  
Exposure on Glucose Homeostasis and  
Beta Cell Function in Wild Type and  
*Cyp1a1/1a2* Systemic Knock-Out Adult  
Mice

**Nathalie Martha Puchacz**

Conservation of Translation Initiation  
Between Prokaryotes and Eukaryotes

**Donovan Thomas Tremblay**

An Experimental Test of the Condition  
Dependent Handicap Hypothesis Using  
*Gryllus Pennsylvanicus*

**Erik Ilmari Tuononen**

Fish Community Interactions with Very  
Low Head (VLH) Turbine Technology

**Jessica Ruth Velicogna**

An Investigation into the Effects of Nano  
Copper Oxide to the Soil Invertebrates  
*Eisena Andrei* and *Folsomia Canadida*  
Specialization in Chemical and  
Environmental Toxicology

**Thomas Edward Witte**

Secondary Metabolite Biosynthesis  
during Vegetative Incompatibility in  
*Cryphonectria parasitica*, Causal Agent of  
the American Chestnut Blight

**Kevin Kite Fai Xiong**

A Previously Undiscovered Role for  
Clade III TGA Basic Leucine Zipper  
Transcription Factors in BLADE-ON-  
PETIOLE Dependent Regulation of Plant  
Development

**CHEMISTRY****Achini N. L. Japahuge**

Design of Singlet Fission Chromophores  
with Cyclic (Alkyl) (Amino) Carbene  
Building Blocks

**Mallory Elizabeth Walters**

Effects of Ultrasonication on the  
Antioxidant and Antidiabetic Properties  
of Hydrolyzed Oat Proteins  
Concentration in Food Science and  
Nutrition

**Songqiu Zhou**

Synthesis and Characterization of  
Naphthalene and Tetraphenyl Benzidine  
Based Electrochromic Molecules

**EARTH SCIENCES****Thomas William Dudgeon**

The Internal Cranial Anatomy of  
*Champsosaurus Lindoei* and its  
Functional Implications

**Charlene Duffett**

The Evolution of Metasomatic Uranium  
Ore Systems in the Central Mineral Belt  
of Labrador

**Matthew Peter Griffiths**

Seismic Polarization in the Near-Surface

**Scott Hutchinson**

Diatoms in Lake Sediments as Proxies of  
Climatic Variation Throughout the Latest  
Holocene

**Andre Skyler Mallozzi**

Magnetic and Electromagnetic Surveying  
of Lava Tubes at Lava Beds National  
Monument, California

**Veronica Nicole Mazzella**

A Novel Protocol for Identifying Storm  
Derived Waves on Substrate Reworking  
in Lakes: Implications for Selection  
of Optimal Sites for Paleolimnological  
Research

**Riley Elaine Steele**

Assessment of FlowCam  
VisualSpreadsheet as a Potential Tool  
for Rapid Semi-Automatic Analysis of  
Lacustrine Arcellinida (Testate Lobose  
Amoeba)

**GEOGRAPHY****Amanda Little**

The Impacts of Century-Old, Arsenic-  
Rich, Mine Tailings on Multitrophic Level  
Biological Assemblages in Lakes from  
the Cobalt, Ontario, Canada Region

**Stuart Macdonald**

Exploring a New Air-Surface  
Temperature Diurnal Wave Analysis  
Method for Permafrost Areas  
Specialization in Data Science

**Christian Peart**

Determining the Uncertainty of Areal  
Mean Surface Elevation Measured with  
a Terrestrial Laser Scanner and With a  
Total Station in Permafrost Environments  
Near Lac de Gras, NWT, Canada

## HEALTH SCIENCES

### David Roy

Effects of ARVs and HIV on  
Mitochondrial Function and Immune  
Activation in Monocyte Derived  
Macrophages in Vitro

## NEUROSCIENCE

### Jawaria Abdali

WAVE-2 and Its Role in LRRK2 Mediated  
Neuroinflammation

### Sajin Alam

The Role of Fibroblast Growth Factor 2 in  
Energy Balance and Metabolism

### Sheryl Beauchamp

The Impact of Bacteriophage on the  
Aging Brain and Inflammatory Response:  
Relevance to Parkinson's Disease

### Dennis Chan

Pharmacological Inhibition of PTEN,  
using BpV (Phen), Promotes Survival of  
Retinal Ganglion Cells *in vitro* and *in vivo*

### Christopher Dedek

Regulation of NMDA Receptor Subtypes  
in Pain Processing Neurons within  
Lamina I of the Spinal Cord

### Anuroopa Dinesh

Neuroinflammation and Parkinson's  
Disease: Understanding the Inflammatory  
Process Induced by Chronic Peripheral  
Injection of LPS in LRRK2 G2019S KI  
Mice in Correlation with Age

### Brendan Harvey Hoffe

Analysis of Immediate Cellular Changes  
in Porcine Brains Using an Ex Vivo Model  
of Traumatic Brain Injury

### Chaya Kandegedara

BDNF Driven Coupling Between KCC2  
Downregulation and Fyn-Dependent  
Phosphorylation of GluN2B NMDA  
Receptors in Human Spinal Pain  
Processing

### Michaela Olivia Lunn

Elucidating the Role of LRRK2 Kinase  
Activity in the Innate Immune System

### Carinna Moyes

Effects of Early-Life Stress on AMPA  
Receptors in the Auditory Cortex

### Maria Chantal Pranschke

Pet Ownership, Attachment, and Well-  
Being

### Ting Ting Wang

Impaired Tuning of Afferent Excitatory  
Synapses onto Hippocampal Fast-  
Spiking Interneurons by Acute Early Life  
Seizures

## PHYSICS

### Alexander William Bachiu

Feasibility Study for Measuring Drell-  
Yan Angular Coefficients in the Atlas  
Detector Using Low-Pileup Data Sets  
Specialization in Particle Physics

### Jesse Johnathan Dean Lock

Low-Energy Threshold Analysis Using  
the DEAP-3600 Dark Matter Detector  
Specialization in Particle Physics

### Luke Pollard McCooeye

Dynamic Model-Based Dose Calculations  
of Permanent Implant Prostate  
Brachytherapy  
Specialization in Medical Physics

### Dylan Alvin Michele Pizzi

Simulation of Gas Detectors Using  
Ramos Theorem  
Specialization in Particle Physics

## STATISTICS

### Michael Armanious

### Gray Michael Barski

Frequency Domain Tests for Assessing  
Dependency Characteristics of  
Stationary Time Series via Tapering

### Xiyu Liang

### Mohammad-Amin Nabavi

Statistical Assessment of Soccer Players

## GRADUATE DIPLOMA IN CURATORIAL STUDIES

---

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Annika Elke Mazzarella**

**Rebecca A. Semple**

## GRADUATE DIPLOMA IN HEALTH: SCIENCE, TECHNOLOGY AND POLICY

---

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Julie-Anne Lemay**

## BACHELOR OF ARTS (HONOURS)

---

(Presented by Professor Pauline Rankin  
Dean, Faculty of Arts and Social Sciences)

**Kirstei Abbott**

Psychology  
Concentration in Developmental  
Psychology

**Sozanne Abdillahi**

Child Studies  
Minor in Women's and Gender Studies

**Marie Abou-Malhab**

With Distinction  
Psychology  
Concentration in Health Psychology  
Minor in Neuroscience and Mental Health

**Ahmed O. Ahmed**

African Studies and Religion

**Ahmad A. Al-Habib**

English

**Anwar Al Shammari**

English

**Haley Elizabeth Andrew**

Psychology

**Jennifer Andrews**

With High Distinction  
Psychology  
Minor in Political Science

**Kayleigh Marie Anstey**

Psychology  
Minor in Neuroscience and Mental Health

**Alycia Deni Artyszuk**

With Distinction  
English  
Minor in Women's and Gender Studies  
Co-operative Education

**Adrian-Mihai Biletoff**

With High Distinction  
Psychology  
Concentration in Developmental  
Psychology  
Co-operative Education

**Julien Bracq**

Psychology

**Heather Burke**

Psychology

**Tanya Kimberly Capiral**

Psychology  
Concentration in Forensic Psychology  
Minor in Neuroscience and Mental Health

**Vanessa Anita Capy**

Environmental Studies

**Pascale Nahi Chaar**

Sociology

**Christelle Choueiry**

Psychology  
Concentration in Health Psychology and  
Well-Being

**Arianna Daminato**  
 With High Distinction  
 Psychology  
 Minor in Neuroscience and Mental Health

**Emily Jayne Davison**  
 With High Distinction  
 Psychology  
 Minor in Sexuality Studies

**Emilie Rose DeRochie**  
 Environmental Studies  
 Minor in Biology

**Cynthia Dupont-Letourneau**  
 Psychology

**Leslie Eckford**  
 With Distinction  
 Psychology

**Tala El Haddad**  
 Child Studies  
 Minor in Psychology

**Patrick Ellsworth**  
 Psychology

**Holly Taylor Faithfull**  
 Biology

**Rebecca Ferrero**  
 Psychology  
 Concentration in Health Psychology and  
 Well-Being

**Kuol R. Garang**  
 Human Rights and Social Justice

**Julie Goodwin**  
 With High Distinction  
 Psychology  
 Concentration in Forensic Psychology

**Natalie Hart**  
 With High Distinction  
 Art History

**John Kyle Haslegrave-Lamb**  
 History  
 Minor in Economics  
 with Study Year Abroad

**Courtney Jo-Anne Hawthorne**  
 Psychology  
 Concentration in Organizational  
 Psychology

**Seamus Patrick Hodgins**  
 With Distinction  
 Anthropology

**Megan Holzhuter**  
 Anthropology  
 Minor in French and Minor in Sociology  
 with Study Term Abroad

**Austin Ryan Houston**  
 Psychology

**Shane Dara Isakow**  
 Psychology  
 Concentration in Developmental  
 Psychology  
 Minor in Sociology

**Emma Christine Jameson**  
 With Distinction  
 Psychology  
 Concentration in Developmental  
 Psychology

**Manahil Jawad**  
 With Distinction  
 Psychology  
 Concentration in Health Psychology

**Julia Amalia Jeffery Garza**  
 With High Distinction  
 Psychology  
 Concentration in Health Psychology

**Moustafa Jheran**  
 Human Rights  
 Minor in History

**Lauretta Johnston**  
 With Distinction  
 Art History  
 Minor in Women's and Gender Studies

**Joanna Kapron**  
 Psychology

**Sarah Grace Karasz**  
 Psychology  
 Concentration in Health Psychology

**Anne Cynthia Kazora**  
 Human Rights and Social Justice  
 Minor in Psychology

**Hunter Kinnear**  
 Psychology

**Krisor Kitnasamy**  
 With High Distinction  
 Philosophy  
 Specialization in Philosophy, Ethics and  
 Public Affairs

**Tarah Lynn Lemours**  
 Linguistics and Discourse Studies

**Abigail Cecile Lessard**  
 History

**Marina Macleod**  
 Psychology

**Cole MacMillan**  
 History



**Vicky Maloney**  
Psychology

**Richard Karl Matzinger**  
With High Distinction  
Psychology

**Alexia Miron**  
Psychology  
Concentration in Developmental  
Psychology  
Minor in Disability Studies  
with Study Term Abroad

**Abdullah M. W. Mohammed**  
Applied Linguistics and Discourse  
Studies

**Halima Mohamud**  
Sociology

**Caitlin Moran**  
Psychology

**Zoe Musafiri**  
Child Studies  
Minor in Sociology

**Kim Nguyen**  
With High Distinction  
Psychology  
Concentration in Developmental  
Psychology

**Silvana Nue**  
Psychology

**Chinyere Sarah Okere**  
Psychology

**Kathleen Osborn**  
History

**Lucas G. Palmer**  
With High Distinction  
Philosophy and Psychology  
with Study Year Abroad

**Kadri Pearce-Lawrence**  
Biology  
Minor in Neuroscience and Mental Health

**Daniela Perez**  
Psychology

**Mathew Peters**  
With High Distinction  
Sociology

**Vanessa Emily Powell**  
Child Studies

**Christopher Roy Maurice Quigley**  
Philosophy

**Veronique S. C. M. Racine**  
Psychology  
Concentration in Social/Personality  
Psychology

**Jennifer Rankin**  
Anthropology  
Minor in Spanish

**Molly Barbara Cop Rasmussen**  
Human Rights

**Mitchell Taylor Sawyer**  
Environmental Studies

**Sean Selbie**  
With Distinction  
Psychology  
Concentration in Health Psychology and  
Well-Being

**Valerie Rose Xing Ya Sellers**  
With High Distinction  
History  
Minor in American Sign Language

**Brittany Elizabeth Smillie**  
With Distinction  
Anthropology  
Minor in Archaeology and Minor in  
Psychology

**Jane Elizabeth Smyth**  
With Distinction  
Psychology  
Concentration in Social/Personality  
Psychology

**Justin Somerville**  
Psychology  
Concentration in Health Psychology

**Vanida Alexa Souvannarath**  
Psychology  
Concentration in Health Psychology

**Carlene Bindi Spann**  
History and Theory of Architecture

**Shonnie Stevens**  
English  
Minor in History

**Rand Sweidan**  
Psychology and Sociology

**Nirmala Thillainathan**  
Women's and Gender Studies

**Pratheeba Thillainathan**  
Women's and Gender Studies

**Mercedes Katharina Veselka**  
With High Distinction  
Linguistics and Discourse Studies

**Molly Christine Watson**  
With High Distinction  
Psychology  
Concentration in Forensic Psychology  
Minor in Neuroscience and Mental Health

**Nicole Zednik**  
Psychology

**Zimo Zhou**  
With Distinction  
Psychology

**Vanessa Carmen Zubrowski**  
Psychology  
Concentration in Developmental  
Psychology

## **BACHELOR OF ARTS**

(Presented by Professor Pauline Rankin  
Dean, Faculty of Arts & Social Sciences)

**Dahabo Abdul-Moutaleb**  
Sociology

**Marie-Paul Chirezi Abimboye**  
Women's and Gender Studies

**Mohamad Abou-El-Daoule**  
With Distinction  
Psychology

**Maria Abrams**  
Biology

**Omada Elizabeth Agom**  
Anthropology

**Marwa Al Amri**  
Child Studies

**David Edgar Alexander**  
Film Studies

**Raghad Alia**  
Psychology

**Lin Allaf**  
Psychology  
Minor in American Sign Language

**Nesrin Alnouilati**  
Child Studies

**Francis Delali Amu**  
Environmental Studies

**Amy Corine Amyot**  
Psychology

**Karissa Kamaria Anzlin**  
Psychology

**Karli Nancy Lenore Archambault**  
Psychology

**Allison Argue**  
Psychology

**Michelle Atkinson**  
Psychology

**Amy-Lynn Aubertin**  
With Distinction  
Sociology

**Megan Aubin**  
Anthropology

**Bethlehem Ayele**  
Human Rights and Social Justice

**Liana Bastianelli**  
Psychology  
Minor in Biology

**Yvon Jarret Beauregard**  
History

**Bethany Behnke**  
Minor in Law and Minor in Linguistics

**Shiloh Bell**  
Canadian Studies

**Evan Francis Bellefontaine**  
Psychology

**Yefim Belyavsky**  
Psychology

**Hannah Florence Belyea**  
With Distinction  
English

**Angela Bemping**  
Film Studies

**Lauren Lisabeth Bentley**  
Child Studies

**Jennifer Bongondo**  
Psychology

**Mark Boucher**  
Psychology

**Nicholas Ronald Walter Boyle**  
Sociology

**Francois Antoine Brassard**  
Psychology

**Ashley Brinson**  
Psychology

**John Patrick Brown**  
Psychology

**Sundeep Cambow**  
Psychology

**Cody Campbell**  
Psychology

**Biyanka Cheyenne Chambers**  
Sociology

**Corbin Charysz**  
French  
with Study Term Abroad

**Lena Chea Prak**  
Psychology

**Wesley Kai Ting Chee**  
Psychology  
Minor in Law

**Ikechukwu Peter Chukwudifu**

**Meagan Taylor Crête**  
Women's and Gender Studies

**Aidan S. P. Cull**  
Psychology

**Nachwa Yaser Dabbour**  
Sociology

**Kathleen Anne DeSousa**  
Psychology

**Lauren Ashley De Wilde**  
Psychology

**Kaitlin Mary Irene Doak**  
Religion  
Minor in Psychology

**Rebekah Andrea Dube**  
Sociology  
Minor in Law

**Jessica Dunbar-McInnes**  
Psychology

**Cynthia Ehiozomwangie**  
Minor in Psychology

**Kiera Eppstadt**  
Sociology

**Lauren Janet Frances Fabbro**  
History

**Sagal Farah**  
Psychology

**Matthew Stephen Fenerty**  
Anthropology

**Paula Cassandra Fleurantin**  
Sociology  
Minor in Law

**Laura Elyse Forsey**  
History

**Pauline Frimpong**  
Psychology

**Sarah Marie Garcia**  
With High Distinction  
Psychology

**Colette Elizabeth Garvin**  
Psychology

**Gabrielle Gauthier-Beauvais**  
With Distinction  
Psychology

**Efrem Gebrehiwet**  
Applied Linguistics and Discourse  
Studies  
Minor in American Sign Language and  
Minor in French

**Omar Genus**  
Sociology

**Christopher Peter Gervais**  
Psychology

**Maram Ghadban**  
Psychology  
Minor in Neuroscience and Mental Health

**Alexander Giroux**  
Psychology

**Zachary Phillip Gold**  
Psychology

**Rachel Gomes**  
Sociology

**Norman Stanley Hartley**  
Anthropology

**Mariam Mahamoud Hassan**  
Applied Linguistics and Discourse  
Studies

**Taylor Brianna Hauner**  
Child Studies

**Samuel Hem**  
Geography

**Rebecca Mary Hill**  
Music

**Anne Hoffman**  
Geography

**Dylan Aman Houlihan**  
With Distinction  
Greek and Roman Studies  
Minor in Law

**Natalie Huneault**  
Psychology

**Antonio Iaderosa**  
Psychology

**Raehil Fatima Iqbal**  
Psychology

**Odette Issa**  
Psychology

**Tamara Joseph**  
Psychology

**Brigid Una Kane-Denis**  
Sociology

**Marie Rose Kassim**  
Psychology

**Patrick Thomas Kelly**  
History

**Justin Kewaquado**  
Sociology

**Meagan Sara Killeen**  
With High Distinction  
Psychology

**Iana Kim**  
Film Studies  
Minor in French

**Ingrid Helga Krausbar**  
Minor in Law

**Garret Lakusiak**  
Sociology

**Tristan Clayton Lee-Coughlin**  
With High Distinction  
History

**Qianqian Li**  
Psychology

**Shi Bo Lin**

**Kira Londa Eh Lipnicky**  
Sociology

**Avery Brynn Lloyd**  
Human Rights and Social Justice

**Zhengzhong Lu**  
History

**Gabriella Maidoh**  
Psychology

**Madeleine Grace Malong**  
Psychology

**Chad Manchulenko**  
Minor in Communication and Media  
Studies

**Louis Joseph Manlangit**  
Psychology

**Jade Elizabeth Marshall**  
Psychology

**Paula Marcella Martin**  
Minor in English

**Tiana Jaye Martin**  
Child Studies

**Monica McClean Brown**  
Religion

**Mason Thomas McHugh**  
Psychology  
Minor in Economics

**Jacob McLachlan**  
Psychology

**Heather E. McPhee**  
Psychology  
Minor in Political Science

**Michelle Michaelis**  
Film Studies  
Minor in Music

**Paul Otto Vaino Minkkila**  
Psychology

**Lamis Mousa**  
Applied Linguistics and Discourse  
Studies

**Afnan Nour**  
Psychology

**Bille Omer**  
Environmental Studies

**Lingnan Ouyang**  
Psychology

**Christine Papworth**  
With High Distinction  
Sociology

**Melina Victoria Parkin**  
Psychology

**Morgan Marie Jocelyne Piironen**  
With Distinction  
Human Rights and Social Justice

**Marie Prieur**  
Psychology

**Christopher Steven Ransome**  
History

**Marie-Eve Sabourin**  
Environmental Studies

**Rebecca Rose Saikaley**

Psychology

**Rosalie Donna Simpson**

Minor in History

**Matthew Smith**

**Tavia Smith**

With High Distinction

Sociology

**Phelan Snow**

Psychology

**Cheyenne Sooley-Howard**

Psychology

**Kelly Storie**

Geography

**Pengfei Tang**

Sociology

**Ashley Thompson**

Anthropology

**Aimee Madison Thomson**

Psychology

**Nikki Tootoonchian**

English

**Brady Robert Turner**

History

**Givens Aborah Sika Tweneboah**

Human Rights and Social Justice

**Matthew Raymond Wall**

With High Distinction

Psychology

**Gregory Wasylasko**

History

Minor in English

**Alexander Shawn Weir**

Psychology

**Josh Young**

Child Studies

Minor in Psychology

**Yunbo Zuo**

Psychology

## BACHELOR OF COGNITIVE SCIENCE (HONOURS)

---

(Presented by Mark MacLeod Instructor III  
Acting Director, Institute of Cognitive Science)

**Hanan Awata**

Cognitive Science

Concentration in Language and

Linguistics

**Cody Jordan Cane**

With High Distinction

Cognitive Science

Concentration in the Biological

Foundations of Cognition

**Micahl Contos**

Cognitive Science

Concentration in Cognition and

Psychology

**Rebecca Fields**

Cognitive Science

Concentration in Cognition and

Psychology

**Hafsa Hasan**

Cognitive Science

Concentration in the Biological

Foundations of Cognition

**Noora Issa**

Cognitive Science

Specialization in the Biological

Foundations of Cognition

**Alicia Julia Krolak**

Cognitive Science

Specialization in Cognition and

Psychology

Minor in Psychology

**Rhode Molie Lerebours**

Cognitive Science

Specialization in the Biological

Foundations of Cognition

**Meghan Anne Lowry**  
Cognitive Science  
Concentration in the Biological  
Foundations of Cognition

**Maryam Nadeem**  
Cognitive Science  
Concentration in Cognition and  
Psychology

## **BACHELOR OF COGNITIVE SCIENCE**

---

(Presented by Mark MacLeod Instructor III  
Acting Director, Institute of Cognitive Science)

**Erick Seth Boychuk**  
With High Distinction  
Cognitive Science

**Shanae Tivona Morley**  
Cognitive Science  
Minor in Psychology

**Maha Bano Qureshi**  
Cognitive Science

**Brant Rushford**  
Cognitive Science

**Samah Saci**  
With High Distinction  
Cognitive Science  
Minor in Psychology

## **BACHELOR OF HUMANITIES (HONOURS)**

---

(Presented by Associate Professor Shane Hawkins  
Director, College of the Humanities)

**Paige Sandra Davis**  
Minor in Art History

**Jenna Gasper**  
With Distinction  
Humanities and History

**Shannon Doris Lee**  
With Distinction  
Minor in Religion

**Darlene Elizabeth McLeod**

**Beverly Adesuwa Osazuwa**  
With High Distinction  
Minor in African Studies and Minor in  
Political Science

**Jarid Christian Pretty**

**Meghan Brianne Tucker**  
with Study Year Abroad

## **BACHELOR OF MUSIC (HONOURS)**

---

(Presented by Professor Brian Foss  
Director, School for Studies in Art and Culture)

**Maria Regina Gajraj**  
With Distinction

**Githmi Tharuki Gunapala**

**Nico William Hoekstra**  
With High Distinction

**Matthew Patrick Quirke**

**Matthew Staynor**  
Minor in Computer Science

## BACHELOR OF COMMERCE (HONOURS)

---

(Presented by Professor Dana Brown  
Dean, Sprott School of Business)

**Nadia Khan Abbasi**  
Concentration in Information Systems

**Besher Alasadi**

**Joel Mark Anderson**

**Quinn Patrick Angel**  
With High Distinction  
Concentration in Information Systems  
Minor in Law

**Mustafa Arab**  
Concentration in Accounting

**Briana McCarthy Archdeacon**  
With High Distinction  
Concentration in Accounting  
Co-operative Education

**Mohammed Usman Azam**  
Concentration in Accounting

**Kristian Alexander Bassi**  
Concentration in International Business

**Nicholas Bastianelli**  
Concentration in Accounting and  
Concentration in Finance  
Co-operative Education

**Evan Victor Beaulieu**  
With High Distinction  
Concentration in International Business

**Sean Iain Bortolot**

**Megan Mae Bourgaize Ray**  
Minor in Statistics

**Victoria Cerqueira**  
Concentration in Finance  
Minor in History and Theory of  
Architecture

**Mario Chedid**  
Concentration in Accounting  
Co-operative Education

**Aiyi Chen**  
Concentration in Accounting

**Fang Chen**  
Concentration in Accounting  
Co-operative Education  
with Study Term Abroad

**Jun Chen**  
With High Distinction  
Concentration in Accounting  
Co-operative Education

**Lixue Cheng**  
Concentration in Supply Chain  
Management

**Neville William Cory Dick**  
Minor in Psychology

**Emma Elizabeth Edwards**  
Concentration in Supply Chain  
Management  
Co-operative Education

**Bo Fang**  
Concentration in Finance

**Andrew Christopher Griffiths**  
Concentration in Finance

**Isaac Jules Higgs Guénette**  
Concentration in Supply Chain  
Management

**Jonathan Hansen**

**Destiny Suzanne Hansma**  
Concentration in Accounting  
Co-operative Education

**Kristjan Robert Hanson**

**David Hunt**

**Mitchell Jackson**  
Concentration in Information Systems

**Tianyu Jiang**  
Concentration in Finance

**Welebre Souleymane Steaven Kabore**  
Concentration in Finance  
Co-operative Education

**Sara Kamyab**

**Moussa Kassis**  
With Distinction  
Concentration in Accounting

**Bakhtawar Khan**  
Concentration in Accounting  
Co-operative Education

**Evan William Kuno**

**Jonathan Lévesque**  
Concentration in Accounting  
Co-operative Education

**Meihan Liu**  
Concentration in Accounting  
Co-operative Education

**Jasleen Kaur Manchanda**

Concentration in Finance

**Christine Martel**

Concentration in Accounting

**Daniel Martindale**

Concentration in Accounting

**Amjad Shaker Mejbel**

**Alexa Kayley Moore**

Concentration in International Business

Minor in Spanish

**Bryan Mostafa**

Concentration in International Business

**Justina Nammaha**

**Stephanie Ann Amelia Olney**

Concentration in Accounting

**Yusuf Omar**

Concentration in Accounting

**Brandon Parker**

Concentration in Finance

**Matthew Edward Paulsen**

Concentration in Finance

**Celine Mary Natasha Pickles**

Concentration in Management

**Jianxue Rao**

Concentration in International Business

**Adam Renshaw**

With High Distinction

Concentration in Accounting

Minor in Economics

Co-operative Education

**Brendan William Ruuskanen**

Concentration in Finance

**Lukas Sklupal**

**Jeremy Bryce Stirling**

Concentration in Finance

**Taylor St. Louis**

Concentration in Marketing

**Leslie Chioma Tilije**

**Mathew Scott Craig Voyce**

With Distinction

Concentration in Accounting

**Danlei Wang**

Concentration in Supply Chain  
Management

**Julia Elizabeth Weatherdon**

Concentration in Marketing

**Cameron Weber**

Concentration in Accounting

Co-operative Education

**Jacqueline Wu**

Concentration in Marketing

**Xiaohan Xu**

With High Distinction

Concentration in Accounting and

Concentration in Finance

Co-operative Education

**Haichang Yu**

Concentration in Accounting

**Diego Zetino**

Concentration in Information Systems

**Xinyue Zhu**

Concentration in Accounting

## **BACHELOR OF INTERNATIONAL BUSINESS (HONOURS)**

---

(Presented by Professor Dana Brown  
Dean, Sprott School of Business)

**Edcel Glynne Capinpin**

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

**Luke Taylor Scott**

Minor in Spanish

with Study Year Abroad



## BACHELOR OF COMPUTER SCIENCE (HONOURS)

---

(Presented by Professor Michel Barbeau  
Director, School of Computer Science)

**Opemipo Emmanuel Adegbeni**

With Distinction

**Kyle R. S. Causton**

**Walter Pak Wai Cheng**

Minor in Japanese

**Luke John Joseph Connolly**

**Nathan Desroches**

**Thomas Daniel Dickson**

With Distinction

Co-operative Education

**Victor Diep**

With Distinction

Co-operative Education

**Angus Ho-Lai Fan**

**James Patrick Fitzgerald**

Minor in Business

**Shiraj Gill**

Co-operative Education

**Madeline Helen Hood**

With High Distinction

Co-operative Education

**Yaoshen Jiang**

With Distinction

Co-operative Education

**Alexander Lane**

Minor in Music

**Cheldon Mahon**

Minor in Mandarin Chinese

**Connor Henry Poland**

**Justin Francisco Rocheleau Rodriguez**

Co-operative Education

**Krithika Saravanan**

**Lairu Wu**

Minor in Statistics

**Qianyi Yu**

With Distinction

Co-operative Education

**Xinyi Zhong**

With Distinction

## BACHELOR OF COMPUTER SCIENCE (MAJOR)

---

(Presented by Professor Michel Barbeau  
Director, School of Computer Science)

**Zahra Farooq Ahmed**

Minor in Law

Co-operative Education

**Ameera Mahfuza Alam**

Minor in Business

Co-operative Education

**Safa Altalhi**

**Oyinade Awofodu**

**Curtis Daniel Barlow-Wilkes**

With High Distinction

**Bryce Bottrill**

Co-operative Education

**Conrad Myles Cameron**

**Jeffrey Peter Cardozo**

**Guy Benoit Cloutier**

**Ian Denault**

**Brandon Esford**

**Skyler Gubbels**

With High Distinction

**Graeme Kenneth William Jager**

With Distinction

**Nathan Jennings**

**Keegan Jones**

Minor in Statistics

**Michael William Klym**

Minor in Psychology

**Pui Man Lau**

**Yunwei Li**  
With High Distinction  
Minor in Business  
Co-operative Education

**Liounes Malki**

**Eric McCarthy**

**Robert Trent McNabb**  
Minor in Business

**Minh Nguyen**  
Minor in Psychology

**Luis Guillermo Pardo Antigua**  
Minor in Business

**Caelan Mackenzie Shaw**  
With High Distinction  
Minor in Japanese and Minor in  
Mathematics

**Anna Lei Shi**  
Minor in Psychology

**Nataly Slewa**

**Michael James Souter**  
Minor in Law

**Harjas Singh Virk**  
Minor in Philosophy

**Yi Jia Yang**  
Minor in Business

**Chuan Yu Zhang**  
Minor in Psychology

**David Nicholas Zilio**

## **BACHELOR OF HEALTH SCIENCES (HONOURS)**

---

(Presented by Professor Martin Holcik  
Chair, Department of Health Sciences)

**Jacek Michael Kudakiewicz**  
With High Distinction  
Concentration in Disability and Chronic  
Illness

**Popo Refilwe Mercy Cheshe Mosigi**  
Concentration in Biomedical Sciences

## **BACHELOR OF HEALTH SCIENCES**

---

(Presented by Professor Martin Holcik  
Chair, Department of Health Sciences)

**Saambavi Paskaran**  
With Distinction

## **BACHELOR OF MATHEMATICS (HONOURS)**

---

(Presented by Professor Paul Mezo  
Director, School of Mathematics and Statistics)

**Michael Gio Cayan**  
With High Distinction  
Minor in Chemistry

## BACHELOR OF MATHEMATICS

---

(Presented by Professor Paul Mezo  
Director, School of Mathematics and Statistics)

**Daniel G. Beaudin**  
Computer Mathematics

**Bryan Bode**  
Mathematics

**Chamindu Virend Herath**  
Mathematics

**Joel Valentino**  
With Distinction  
Mathematics

## BACHELOR OF SCIENCE (HONOURS)

---

(Presented by Professor Charles Macdonald  
Dean, Faculty of Science)

**Sharon Babalola**  
Neuroscience and Mental Health  
Minor in Psychology

**Angela Bagshaw**  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology

**Sanjot Kaur Bal**  
Neuroscience and Mental Health  
Minor in Psychology

**Arno Arian Bashtar**  
With High Distinction  
Neuroscience  
Minor in French

**Cody Bean**  
Biology  
Minor in Chemistry and Minor in  
Psychology

**Nikolina Braovac**  
Neuroscience and Mental Health

**Caitlyn Victoria Brunton**  
Psychology

**Anna Buznytska**  
Psychology

**Irfan Dhanidina**  
Biology  
Concentration in Health Science  
Minor in Economics

**Jovan Dhatt**  
Neuroscience and Mental Health  
Minor in Psychology

**Sandeep Singh Dhatt**  
Neuroscience and Mental Health  
Minor in Psychology

**Tanatswa Faith Dhlwayo**  
Psychology  
Concentration in Health Psychology

**Travis Douglas**  
Biology  
Concentration in Health Science

**Brittany Jean Dugan**  
With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology and Minor in  
Statistics

**Mahmoud El-Saadi**  
Biology

**Samuel Gabriel**  
Food Science and Nutrition

**Patrick Francois Paul Gosztanyi**  
With Distinction  
Physical Geography  
Minor in Geomatics

**Ryan Scott Hadaway**  
Environmental Science  
Concentration in Ecology, Biodiversity  
and Conservation

**Sean Robert Hargrave**  
Chemistry

**Batool Ali Hassan**  
Biology

**Michelle Hosang-Roy**  
With Distinction  
Psychology

**Angelina Karyofyllis**  
With High Distinction  
Neuroscience  
Co-operative Education

**Jennifer Victoria Anne Kemp**  
Neuroscience and Mental Health  
Minor in Psychology

**Thomas Kesheshian**  
Neuroscience and Mental Health

**Ashley Joy LeBreton**  
Environmental Science

**Audrey Diane MacIsaac**  
With Distinction  
Psychology  
Concentration in Forensic Psychology  
Minor in Sociology

**Thabiso Modise**  
Earth Sciences  
Concentration in Geophysics

**Nneka Nnaemego**  
Biochemistry

**Oluwadamilola Odunayo Odegbesan**  
Chemistry

**Alexander Oestreicher**  
Geomatics

**Peace Omorogieva**  
Biology  
Concentration in Physiology

**Angelica Ramos Camacho**  
Biology  
Concentration in Ecology, Evolution and  
Behaviour

**Taylor Randall**  
Food Science and Nutrition

**Sydney Elise Relouw**  
With High Distinction  
Biology  
Concentration in Health Science

**Elana Rebecca Robern**  
With Distinction  
Psychology  
Minor in Biology

**Richard Ryczanowski**  
With High Distinction  
Integrated Science  
Concentration in Science and Policy  
Minor in Biology

**Hassan Saleem**  
With High Distinction  
Physical Geography  
Minor in Geomatics

**Brittany Lynn Taylor**  
Neuroscience and Mental Health  
Minor in Psychology

## **BACHELOR OF SCIENCE (MAJOR)**

(Presented by Professor Charles Macdonald  
Dean, Faculty of Science)

**Bruce Foster**  
Biology  
Minor in Psychology

**Mary Jaimee Jolo**  
Biology  
Minor in Music

**Zhongnan Mao**  
Biology

**Patrick Sayer**  
Physics

**Amy Situ**  
With Distinction  
Biology  
Minor in Japanese

**Jiayue Sun**  
Biology

## BACHELOR OF SCIENCE

---

(Presented by Professor Charles Macdonald  
Dean, Faculty of Science)

**Abdulaziz AlJaboobi**  
Biology

**Nathan Joseph Balog**  
Minor in Biology

**Alessandro Ciampaglia**  
Neuroscience and Mental Health

**Katrina Delia Craine**  
Biology

**Hillary Do**  
Neuroscience and Mental Health

**Justin John Evan Doherty**  
Minor in Physics

**Carl-Antoine Gaudreault**

**Abeer Haji Egeh**  
Earth Sciences

**Simon Jeffrey Hu**  
Biology

**Tiffani Isabel McMurray**  
With High Distinction  
Biology

**Pierre Joseph Robichaud**  
Chemistry

**Gouled Sadiq**

**Preston Simmons**  
Neuroscience and Mental Health  
Minor in Psychology

**Filip Stipanac**  
Neuroscience and Mental Health

## POST BACCALAUREATE DIPLOMA IN ACCOUNTING

---

(Presented by Professor Dana Brown  
Dean, Sprott School of Business)

**Rebecca Comas**

**Paul Joseph Desantis**

**Mohamed Atef Saleh Hamdi**

**Irena Matute**

**Jiaxi Wei**

**Qianyi Ye**

## POST BACCALAUREATE DIPLOMA IN COGNITIVE SCIENCE

---

(Presented by Professor Pauline Rankin  
Dean, Faculty of Arts & Social Sciences)

**Zeinab Hedroj**

## CERTIFICATE IN AMERICAN SIGN LANGUAGE

---

(Presented by Professor Pauline Rankin  
Dean, Faculty of Arts & Social Sciences)

**Abigail-Dinnece Antonia Anderson**

## CERTIFICATE IN THE TEACHING OF ENGLISH AS A SECOND LANGUAGE

---

(Presented by Professor Pauline Rankin  
Dean, Faculty of Arts & Social Sciences)

**Tarah Lynn Lemours**

**Abdullah M. W. Mohammed**

**Mercedes Katharina Veselka**

**Barbara Anne Zdansky**

## AFTERNOON CEREMONY

---

Saturday, November 9, 2:00 p.m.

## CONVOCATION SPEAKER

---

**Lenore Fahrig, Ph.D.**



Lenore Fahrig is Chancellor's Professor of Biology and co-director of the Geomatics and Landscape Ecology Research Laboratory (GLEL) in the Faculty of Science at Carleton University.

She was recently awarded the 2018 Miroslaw Romanowski Medal from the Royal Society of Canada for her research as a landscape ecologist and conservation biologist. The medal is awarded annually "for significant contributions to the resolution of scientific aspects of environmental problems, or for important improvements to the quality of an ecosystem in all aspects - terrestrial, atmospheric and aqueous - brought about by scientific means."

Fahrig and her graduate students have researched the effects of various human activities on the abundance and diversity of wildlife species. She has studied the effects of roads and traffic, deforestation, urbanization, wetland loss and intensive agriculture on a wide range of wildlife species, including birds, bats, other mammals, turtles, frogs, plants, butterflies, bees and other insects.

She is a highly cited researcher with more than 40,000 citations, including the world's most highly cited paper on habitat fragmentation. The results of her research have been published in more than 200 articles. Fahrig is a Fellow of the Royal Society of Canada (RSC) and recipient of the Distinguished Landscape Ecologist Award from the U.S. Association for Landscape Ecology.

Fahrig completed a doctorate in Zoology at the University of Toronto, a Master of Science at Carleton and an undergraduate Biology degree at Queen's University. She worked as a postdoctoral fellow at the University of Virginia and then as a research scientist for the Canadian Department of Fisheries and Oceans in Newfoundland. She joined the Carleton community as a faculty member in 1991. She has twice received the Carleton University Research Achievement Award in recognition of her outstanding research, as well as the university's Faculty Graduate Mentoring Award.



## ORDER OF PROCEEDINGS

### Afternoon Ceremony

**Saturday, November 9, 2:00 p.m.**

President Benoit-Antoine Bacon, *Ph.D.*, presiding

*The audience is requested to stand when the Academic Procession arrives and remain standing during O Canada and the Elder's greeting. At the conclusion of the ceremony, the audience will wait until the Academic Procession has left before exiting the Fieldhouse.*

Processional Music

Ottawa River Singers

Jack Coghill (bagpipes)

Gregory Joseph (bagpipes)

James Bush (snare drum)

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

Performed by Deanna Singh

Opening Ceremony

Elder Barbara Dumont-Hill

Kitigan Zibi Anishinabeg Nation

Introduction by the Master of Ceremonies

Rafik Goubran, *Ph.D.*, *P.Eng.*, *IEEE Fellow*, *FCAE*

Vice-President (Research & International)

Convocation Address

Chancellor's Professor Lenore Fahrig, *Ph.D.*

(Presented by Professor Patrice Smith, *Ph.D.*, Dean, Faculty of Graduate and Postdoctoral Affairs)

Conferring of Degrees and Awarding of Medals

Warrant

Betina Appel Kuzmarov, *Ph.D.*

Marshal of Convocation

Welcome from the Alumni Association

Jennifer Conley (*CFRE*) *M.P.N.L.*

Chief Advancement Officer and Community Liaison Officer

Closing Address by the President and Vice-Chancellor

Benoit-Antoine Bacon, *Ph.D.*

Recessional Music

# DOCTOR OF PHILOSOPHY

(Presented by Professor Patrice Smith  
Dean, Faculty of Graduate and Postdoctoral Affairs)

## ECONOMICS

### **Abdallah Ismail Zalgout**

Three Essays on Statistical Inference on  
Inequality Measures  
*Supervisor: L. Khalaf*

## INTERNATIONAL AFFAIRS

### **Moyosola Oluwakemi Medu**

A Study of Educational Achievement in  
Sub-Saharan Africa  
*Supervisor: D. Rowlands*

## LEGAL STUDIES

### **Alexandra Dodge**

Punishing 'Revenge Porn': Legal  
Interpretations of and Responses to Non-  
Consensual Intimate Image Distribution  
in Canada  
*Supervisor: L. Karaian*

## POLITICAL SCIENCE

### **Patrick Clark**

Campesino Organizations and Public  
Policies in Ecuador: From Neoliberal  
to Post-Neoliberal Rural Development,  
2006-2016  
*Supervisor: L. Macdonald*  
Specialization in Political Economy

## CIVIL ENGINEERING

### **Abdulghader Abdulrahman Hassan Abdulrahman**

Load Transfer and Creep Behaviour of  
Pile Foundations in Frozen Soils  
*Supervisor: M. Tofigh Rayhani*

### **Lenda T. Ahmed Al Saeab**

Finite Element Modelling of Anchorage  
to Concrete Systems at Different Strain  
Rates  
*Supervisor: A. Braimah*

### **Anandkumar Rajendran Chelliah**

Technical and Economic Development  
of Efficient Asphalt Multi-Integrated  
Compaction Technology  
*Supervisor: A. Abd El Halim*

## ELECTRICAL AND COMPUTER ENGINEERING

### **Muhammad Osama Ali**

All-Dielectric Metasurface Thermal  
Emitters for Mid-IR Spectroscopy  
*Supervisors: N. Tait & S. Gupta*

### **Bashar Abdul Kareem Mahmoud Al shboul**

Safety Analysis of SysML Models in the  
Context of Model-Driven Engineering  
*Supervisor: D. Petriu*

### **Mohamed Alzenad**

Integrated Aerial and Terrestrial Wireless  
Access Architecture for Beyond-5G  
Networks  
*Supervisor: H. Yanikomeroglu*

### **Anshuman Biswas**

Auto-Scaling Techniques for Clouds  
Processing Requests with Service Level  
Agreements  
*Supervisors: S. Majumdar & B. Nandy*

### **Henry John Harvey**

Biometric Quality and its Impact on  
Template Ageing in a Longitudinal  
Fingerprint Study  
*Supervisors: A. Adler & J. Campbell*

### **Ying He**

Performance Improvements for  
Wireless Mobile Networks via Deep  
Reinforcement Learning  
*Supervisor: F. Yu*

### **Jean-Daniel Medjo Me Biomo**

MBA-DRR: A Delay-Reducing Routing  
Protocol for Multi-Beam Directional  
Antennas in Multi-Hop Ad Hoc Networks  
*Supervisors: M. St-Hilaire & T. Kunz*

### **Luke Russell**

Sensory Substitution: Situational  
Awareness and Resilience using Available  
Sensors  
*Supervisors: R. Goubran & F. Kwamena*

### **Zhe Zhang**

Performance Improvements of In-  
Network Caching in ICN-Based Networks  
*Supervisors: C. Lung & M. St-Hilaire & I.  
Lambadaris*

**Zhao Zhao**

Personalization of Wearable-Based  
Exergames with Continuous Player  
Modeling  
*Supervisor: A. Arya*

**ENVIRONMENTAL ENGINEERING****Zainab Kadhim Abdulsada**

Transformation and Effects of Silver  
and Copper Oxide Nanoparticles during  
Treatment and after Land Application of  
Sludge  
*Supervisors: B. Ormeci & M. DeRosa*

**MECHANICAL ENGINEERING****Ali Mohamed Masoud Shegaf**

Cartilage Biomechanical and  
Mechanobiological Response to Sliding  
Contact  
*Supervisor: A. Speirs*

**MASTER OF ARTS**

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**COMMUNICATION****Liane Chiblow****Shaunel London**

Getting “Woke” With Each Joke: Black  
Comediennes and Representational  
Resistance on YouTube

**Chelsea Anne Nash**

Fuck Zucc. We Will Not Be Silent: Sex  
*Workers Fight For Visibility and Against  
Censorship on Instagram*

**Kate Madeline Tenenhouse****Raven-Paige Wilkinson**

Diaspora's Dialect: Cultural Exchange  
and the Transformation of Jamaican  
Patois in the Greater Toronto Area

**ECONOMICS****Edward George Burrows****Lui Fung****Eamon Cathal O'Donnell****Hameid Taha****Teresa Renee Taylor****Henri Tovoheritiana**

Specialization in Data Science

**Catherine Yan****Xiaoping Zhang****EUROPEAN, RUSSIAN AND  
EURASIAN STUDIES****Platon Boiko****Behruz Davletov**

The State and Islam in Soviet Central Asia

**Kyle Neil Kostashuk**

Co-operative Education

**Colin James Martin****Stephanie Henryka Miszuk**

Co-operative Education

**Alina Sayfutdinova****Mathieu Sitaya**

Co-operative Education

**INTERNATIONAL AFFAIRS****Antoinette Albisetti**

Project Management for Development  
and Humanitarian Assistance  
Co-operative Education

**Scott Bryce Aubrey**

Security and Defence Policy  
Co-operative Education

**Emma Ashley Buell**

International Economic Policy

**Andrew Bull**

International Economic Policy  
Co-operative Education

**David Burr**

Security and Defence Policy  
Co-operative Education

**Shelby Marie Cruz**

Security and Defence Policy  
Co-operative Education

**Katherine de Loë**

Intelligence and International Affairs

**Madison Maria Elizabeth DeLong**

International Development Policy  
Co-operative Education

**Giuliana DeLuca**

International Development Policy  
Co-operative Education

**Michelle Elizabeth D'Eon**

Project Management for Development  
and Humanitarian Assistance  
Co-operative Education

**Beth Alyssa Dodwell**

Conflict Analysis and Conflict Resolution  
Co-operative Education

**Lucas Garzon**

International Development Policy  
Co-operative Education

**Matthew David Randolph Gaul**

International Organizations and Global  
Public Policy  
Co-operative Education

**Alex Heroux**

International Economic Policy

**Kayleigh Iris Ann Holden**

Security and Defence Policy

**Jonathan Ander Iraegui**

International Organizations and Global  
Public Policy

**Jocelyn Mary King**

International Development Policy  
Co-operative Education

**Avery Koop**

International Development Policy

**David Michael Kornhauser**

Intelligence and International Affairs  
Co-operative Education

**Simo Krsmanovic**

International Development Policy  
Co-operative Education

**Jonathan Lancop**

International Development Policy

**Jennifer Helen Lee**

International Economic Policy  
Co-operative Education

**Georgia Clare MacIntyre**

International Development Policy

**Kathleen Mah**

International Development Policy  
Co-operative Education

**Alfonso Javier Marin-Aponte**

Intelligence and International Affairs

**Jaclyn D. McRae**

International Development Policy

**James Morris Murray**

Security and Defence Policy  
Co-operative Education

**John-Paul Nduka Nwaezeigwe**

Specialization in African Studies

**William O'Connell****Eva Ouellet**

Intelligence and International Affairs

**Tadd Alexandar Puharich**

International Development Policy  
Co-operative Education

**Simon Seyoum**

Security and Defence Policy

**Tatyana Skaya**

International Organizations and Global  
Public Policy

**Shrish Srivastava**

Intelligence and International Affairs

**Brett Douglas Taylor**

International Organizations and Global  
Public Policy

**Andréas Tibbles**

International Economic Policy

**Alanna Marie Vagner**

Intelligence and International Affairs

**Ian Leonard Weatherall**

Security and Defence Policy  
Co-operative Education

**LEGAL STUDIES****Tamara Phoebe Banbury**

Where's My Jet Pack? Online  
Communication Practices and Media  
Frames of the Emergent Voluntary  
Cyborg Subculture

**Sarah Kaputo Kabamba**

Specialization in African Studies

**Lorne O'Brien Powell****Ceilidh Lynn Rochon**

## POLITICAL ECONOMY

**Meagan Elizabeth Bell**

**Megan Elizabeth McGoey-Smith**

**Zoe Amanda McKnight**

Precarious Work, Harmonizing Down  
and Economic Anxiety: Implications for  
Citizenship and Society

**Timothy Smye**

Building Blocks: Conceptualizing  
the True Socio-Political Potential in  
Blockchains Facilitation of Self-Sovereign  
Digital Identity and Decentralized  
Organization

**Jesse Lynn Whattam**

The Possibilities of Transforming Settler  
Consciousness: Community Spaces and  
White Settler Responsibility

**Talia Yousef**

Settler-Colonialism and Indigenous  
Women's Rights: A Comparative  
Analysis of the Socioeconomic Impact  
Endured by Indigenous Women Within  
Canada, and Indigenous Palestinian  
Women Within Israel

## POLITICAL SCIENCE

**Lucas Leiva Leigh Anderson**

Reframing Remembrance: A Case Study  
on Collective Memory in Far-Right Party  
Discourse

**Minki Cho**

**Janelle Daphne Mercier**

**John Liam Nowlan**

**John Ryan**

The Possibility of Politics: Hannah  
Arendt, The Public, and The Fragility of  
the Common World

**David Alexander Scheidl**

**Bradley Tink**

Co-operative Education

**Jasmin Vickers Pettie**

Co-operative Education

## PUBLIC ADMINISTRATION

**Laura Rachelle Hawthorn**

## SUSTAINABLE ENERGY

**Colin Gunning**

Co-operative Education

**Parisa Khosraviani**

Co-operative Education

**Saqib Shahzad**

## MASTER OF APPLIED SCIENCE

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

## AEROSPACE ENGINEERING

**Edgar Fabian Aguilar Calzadillas**

Sparse Stereo Visual Odometry with  
Local Non-Linear Least-Squares  
Optimization for Navigation of  
Autonomous Vehicles

**Erin Jane Elisabeth Austen**

Development of Kinematic and Dynamic  
Models for the Argo J5 Rover

**Michael Blois**

Interpolation of Experimental Error  
Statistics for Mission Design of GPS  
Partial Attitude Determination

**Utku Caylan**

Computations and Measurements of the  
Effects of Trailing-Edge Geometry on the  
Wake of Bluff Bodies

**Mikayla Micomonaco**

Large Angle Washout Algorithms for  
Flight Simulators

**John Michael O'Keefe**

Ultrasonic Localization of a Quadrotor  
Using a Portable Beacon

**Sean Ashton Lewis Romano**

Using Simulated Selected Area Electron  
Diffraction Patterns to Validate Molecular  
Dynamics Models of Metallic Glasses

**Shawn Michael Somers-Neal**

Numerical and Experimental  
Investigations of Solidification in an  
Initially Emptied Horizontal Turbulent  
Pipe Flow

**BIOMEDICAL ENGINEERING****Hanif Juma**

Lesion Synthesis Toolbox: Development  
and Validation of Dedicated Software for  
Synthesis of Lesions in Raw PET and CT  
Patient Images

**CIVIL ENGINEERING****Aliu Abdul-Hamid**

Impact Load Effects on Post-Installed  
Anchors: An Experimental Investigation

**Abhijit Dhanda**

The Geometric Documentation of  
Painted Surfaces

**Aba Asemakuwa Owusu**

Structural Performance of Hybrid Timber  
Connections with Varying Bolt Patterns  
at Ambient and Elevated Temperatures

**Zhimeng Yu**

Advances Towards Multi-Hazard Analysis  
by Hybrid Simulation of Buildings in Fire  
and Fire Following Earthquake

**ELECTRICAL AND COMPUTER  
ENGINEERING****Oluwatobi Adeoye Ajila**

A Data Driven Priority Scheduling  
Technique for a Stream Processing  
Platform

**Tolulope Akinbulire**

The Evaluation of Multi-Objective  
Evolutionary Algorithms for a Maritime  
Domain Awareness Problem

**Mohamad Alkadamani**

A Radio-Propagation-Measurement-  
Based Study of the Capacity of Multi-  
User Distributed-MIMO Indoor Channels  
at 18 and 28 GHz

**Muhammad Asif**

Fabrication of Long Range Surface  
Plasmon Polariton Biosensors  
Incorporating Optical Waveguides and  
Encapsulated Microfluidic Channels via  
Wafer Bonding

**Naveen Kumar Elumalai**

Parallelization of Vector Fitting  
Algorithm for GPU Platforms

**Michael Feuerherm**

Utilizing IQ Mixers for Phase Noise  
Cancellation In Full-Duplex Architectures

**Srinidhi Ganeshan**

GVF:BPU Based Vector Fitting

**Juan David Heredia**

5.75-7.14 GHz All-Digital Phase-Locked  
Loop MATLAB Model with Novel Filter to  
DCO Frequency Decoder

**Enrique Alfredo Reveron Yanes**

A Framework for Traffic Collision  
Prediction Using Historical Accident  
Information and Real-Time Sensor Data:  
A Case Study for the City of Ottawa

**Jiacheng Zhang**

High Performance Microwave Integrated  
Filters for 5G Applications

**ENVIRONMENTAL ENGINEERING****My Le Dinh**

An Evaluation of Various Carbonaceous  
and Synthetic Adsorbents for the  
Treatment of Sulfolane

**Hamideh Pirouz Hamidi**

The Effect of pH and Alkalinity on  
Drinking Water Biofiltration Performance

**MECHANICAL ENGINEERING****Shadi Abujoub**

Development of a Landing Period  
Indicator and the Use of Signal Prediction  
to Improve Landing Methodologies of  
Autonomous Unmanned Aerial Vehicles  
on Maritime Vessels

**Nicholas James Berezny**

Design and Implementation of a Novel  
Rehabilitation Robot for Acute Stroke  
Patients

**Nicholas Brooker**

Measurements of Benzene Destruction  
Efficiency in a Lab-Scale Flare

# MASTER OF ENGINEERING

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

## AEROSPACE

John Baptist Jerald  
Kavya Nischala Mudiam  
Majed Piedra Abu Sharar  
Swaroop Dilip Rath

## CIVIL

Puneet Vaibhav Bandi  
Eyob Shewangizaw Haile  
Qingfei Jia  
Amardheer Singh Sidhu  
Sandeep Kumar Sivaji

## ELECTRICAL AND COMPUTER

Abhinav Achanta  
Shubham Agrawal  
Mehnaz Samia Bahar  
Lohith Bollimuntha  
Venkata Padmavathi Brundavanam  
David Francesco D'Amario  
Akashdeep Dhaliwal  
Alekyia Gurralla  
Saad Hasan  
Specialization in Data Science  
Navid Hossain  
Specialization in Data Science  
Manoj Kakarla  
Kota satya satish Kandavalli  
Rubal Jeet Kaur  
Seerat Kaur  
Dixit Khosla

Pramod Kondur

Obaid Rahman

Devinder Singh Saggu  
Specialization in Data Science

Gagandeep Singh

Anand Soraganvi

Navien Raaj Tammineni

Arun Kumar Vivekanandhan

Syed Omar Azam

Tahseen Tarannum

## ENVIRONMENTAL

Tarek Ghadieh

Chandana Sundar

## INFRASTRUCTURE PROTECTION AND INTERNATIONAL SECURITY

Mohamed Ghorab  
Co-operative Education

O'Neil Anthony Nicholson  
Co-operative Education

## MECHANICAL

Mohan Govind Hullumane Sujayashankar  
Bhanum

Kishore Mohan

Saurav Pathak

## TECHNOLOGY INNOVATION MANAGEMENT

Noha EssamAldin Almaghraby

Layefa Okiy

Eduardo Santiago Villarta

## MASTER OF ENTREPRENEURSHIP

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

### TECHNOLOGY INNOVATION MANAGEMENT

**Chathura Chinthaka Jayasinghe**

## MASTER OF ARCHITECTURE

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Hamidreza Aghashahi**

Voice of the River: Promoting the  
Dynamic of the Edge Conditions of the  
Ottawa River, the Valley of the *Kiji Sibi*  
Through Floating Islands

**Stephanie Murray**

Going North: A Reflection on Lines at the  
First Canadian Road to the Arctic Coast

**Esteban Fernandez-Escobar**

La Cuna: Hospice Care, Death and  
Memory

**Anne-Marie Nicole Mitchell Kasowski**

The Space Between: *Transformative  
Public Space*

**Lindsay Marie Mirecki**

Making Camp: *Dwelling on the Land*

**Nazanin Pourali**

The Next-Illimitable: *Revitalize the  
Limitations Arising From Green  
Standards for Retrofitting Existing Retail  
Buildings*

## MASTER OF DESIGN

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

### INDUSTRIAL DESIGN

**Pablo Arzate**

The Role of 3D Printed Objects  
Facilitating the Process of Mutual  
Communication and Collective Idea  
Generation Between Scientists and  
Designers

**Muhammad Ahmed Asfand**

How Can World Design Capital (WDC)  
Programme Better Incorporate United  
Nations Sustainable Development Goal 11  
(SDG 11) in Future Strategies?

**Justin Eli Chin**

Identifying Interactions for Virtual  
Reality: A Study of Collaboration and  
Engagement in Different Media

**Jennifer Alane Heaney**

The Perception of Design: A Study of the  
Understanding of Design Contribution  
Within the Business Management Sector  
Through Comparative Analysis

**Spase Janevski**

From a Tool for Making to a Tool for  
Thinking: Investigation of the Potential of  
3D Printing in Meaning-Making

**Mohamed Matbouly**

The Implications of Sustainable Design  
Considerations for an Effective Learning  
Environment in Industrial Design Studios

**Ebic Tristary**

Improving SensAct's Usability and  
Potential to Support Augmentative and  
Alternative Communication (AAC) Using  
Human-Centred Design Methods



## MASTER OF INFRASTRUCTURE PROTECTION AND INTERNATIONAL SECURITY

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Tameka J. Bailey**  
**Olivier Desbiens**

**Abderrahman Lahlou**  
**Sharon Anne Schuppe**  
Co-operative Education

## MASTER OF INFORMATION TECHNOLOGY

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

### DIGITAL MEDIA

**Malek El Kouzi**  
The Role of Game-based Learning  
in Newcomer Children's Cultural  
Adjustment

**Jingyi Shen**  
Short-term Stock Market Price Trend  
Prediction Using a Customized Deep  
Learning System

**Yibing Yang**  
A comprehensive topic-model based  
hybrid sentiment analysis system

## MASTER OF PHILANTHROPY AND NONPROFIT LEADERSHIP

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Christopher Nicholas Dougherty**

## MASTER OF POLITICAL MANAGEMENT

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Rachel Ann Barry**  
**Mendsaikhan Chukhalkhuu**  
**Nina Forrest**  
**Emily Anne Gale**  
**Jacob Gorenkoff**  
**Kirpa Kaur Grewal**  
**Leonard Martin Johnston**  
**Oksana Annamarie Kishchuk**  
**Benjamin Joseph Lamb**  
**Catherine Grace Lansley**  
**Hannah Marysia Lockyer**

**Marisa Colleen Maslink**  
**Kevin Charles Mason**  
**Rachel Elizabeth McLaughlin**  
**Frances Smiley Oliver**  
**Mark Ervin Pelayo**  
**Michael Joseph Piaseczny**  
**Rita Rahmati**  
**Rhys Morgan Sandner**  
**Nicholas Albert Schiavo**  
**Tessa Elisabeth Seager**  
**Mahin Siddiqi**

**Adam Stout**  
**Nathaniel Alexander Wallace**

**Wanning Wu**  
**William Zylmans**

## **MASTER OF PUBLIC POLICY AND ADMINISTRATION**

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Kerry Burke**  
Co-operative Education

**Breanna Sloane Denton**

**Peter Ferri**

**Ronald Gallipeau**

**Erik Johnson**  
Co-operative Education

**Daniel Henri Ribi**  
Co-operative Education

**Erin Ann Marie Risch**  
Co-operative Education

**Cheice Sorbie**

**Supaporn Sriprom**

**Braden Howard Weltz**

## **MASTER OF SOCIAL WORK**

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

**Sarah Agulnik**

**Steven Ang**

**Jori Armishaw**

**Asia Sheil Veronica Jane Barclay**

**Marie Natalie Beaudin**

**Amy Burnham**

**Laura Cater**

**Caroline Helena Connell**

**Samantha Davidson**

**Cherie Dawn Marion Fish**

**Ariel Fitzgerald**

**Sabrina Fontaine**

**Samuel Kemmel Graham**

**Kim Graveline**

**Abdul-Jabar Jama**

**Kiersten Janet Sejer Jensen**

**Mili Jobanputra**

**Ashley Jones**

**Jessica Anne Kalman**

**Karly Rae Kantola**

**Troy Kenny**

**Deqo Daud Khalif**

**Jessica Anne Joyce Lyall**

**Rachel Elizabeth Macdonald**

**Karen McIntosh**

**Mohammed Moafak**

**Robyn Mo-Lian**

**Amélie Hassan Najem**

**Lucas Daniel Nupponen**

**Melissa Philpott**

**Jacob Nathaniel Pollack**

**Jillian Premachuk**

**Marianna Ambrosia Rankin**

**Amanda Lilianna Rocca**

**Kelly Suzanne Ruest**

**Laleah Mary Patrick Sinclair**

**Jenna Spagnoli**

**Shelby Spottiswood**

**Sarah Ashley Tari**

**Natalia Andrea Valencia**

**Joshua VanNoppen**

**Madison Taylor Veltri**

Natalie Maria Watson  
Anika Young

Adeel Zaman

## GRADUATE DIPLOMA IN ARCHITECTURAL CONSERVATION

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

Thomas John Molnar

## GRADUATE DIPLOMA IN INDIGENOUS POLICY AND ADMINISTRATION

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

Marlisa Brown

## GRADUATE DIPLOMA IN PUBLIC POLICY AND PROGRAM EVALUATION

---

(Presented by Associate Professor Ali Arya  
Associate Dean, Faculty of Graduate and Postdoctoral Affairs)

Diane Billingsley  
Kyem Evelyn

Margaret Johera Godoy  
Robert Bryan Vandenberg

## BACHELOR OF ARCHITECTURAL STUDIES

---

(Presented by Associate Professor Yvan Cazabon  
Associate Director of Professional Programs,  
Azrieli School of Architecture & Urbanism)

Walaa Ammar M. A. El Sydabi  
Urbanism  
Azrieli School of Architecture and  
Urbanism

## BACHELOR OF ARTS (HONOURS)

---

(Presented by Professor André Plourde  
Dean, Faculty of Public Affairs)

Alexander Bruce Ailles  
Law

Adnan Al-Ali  
Law  
Concentration in Business Law

Saif Ali  
Law  
Concentration in Business Law  
Minor in Political Science

Salman Ali  
Criminology and Criminal Justice  
Concentration in Psychology

**Yasir Emad Khudhair Al Kawaz**

Law

**Rayan Alruwaili**

Law

**Bandar Alshammari**

Law

**Abigail-Dinnece Antonia Anderson**

Criminology and Criminal Justice

Concentration in Law

Minor in Sociology

**Ismaiel Arafa**

Political Science

Concentration in International Relations

**Brendan Robert Arbuckle**

Criminology and Criminal Justice

Concentration in Law

**Arsalan Asif**

Criminology and Criminal Justice

Concentration in Law

**Sean Barker**

Law

Concentration in Business Law

**Niall Barron**

Political Science

**Khloe Irene Beer**

Criminology and Criminal Justice

Concentration in Law

**Xanobia Symone Bell-Stephenson**

Law

Minor in Philosophy

**Tovah Siemona Bloomfield**

Political Science

Minor in Communication Studies

**Sarah Brown-Bennett**

With Distinction

Criminology and Criminal Justice

Concentration in Law

**Jane Burden**

Criminology and Criminal Justice

Concentration in Psychology

**Kristen Nicole Byrne**

Law

**Alexander Michael Carlucci-Hercun**

With Distinction

History and Political Science

with Study Year Abroad

**Amy Caton**

Criminology and Criminal Justice

Concentration in Law

Minor in Psychology

**Nicholas Charbot**

Communication Studies

**William Cohen**

Political Science

Concentration in North American Politics

Minor in Urban Studies

**Sierra Lynn Cousineau**

Criminology and Criminal Justice

Concentration in Psychology

Minor in Sociology

**Carissa Crawford**

Criminology and Criminal Justice

Concentration in Psychology

**Michaela Anne Crumb**

Criminology and Criminal Justice

Concentration in Law

**Nicholas Mathew Damer**

Political Science

**Utibeabasi Imoh Emah**

Political Science

Concentration in International Relations

**Mouhamed Charles-Emmanuel Fall**

Law

**Emma Charlotte Fowler**

Law

**Yasmin Ghaderi**

Law

**Nicole Gilmore**

Criminology and Criminal Justice

Concentration in Law

**Asia Graham-Gannon**

Communication Studies

**Sadie Carson Haw**

Criminology and Criminal Justice

Concentration in Sociology

**Andrew Haworth**

Criminology and Criminal Justice

Concentration in Sociology

**Nicole Corissa Hofer**

Law

Concentration in Business Law

**Brittany Holder**

Law

Concentration in Business Law

**Curtis Steven James**

Criminology and Criminal Justice

Concentration in Law

**Victoria Jordan**

Political Science

**Matthias Stephen Keller**

History and Political Science  
Concentrations in International Relations  
and Public Affairs and Policy Analysis

**Lauren Nicole Kelly**

Law

**Alexandra Konstantonis**

Criminology and Criminal Justice  
Concentration in Psychology

**Akinlolu Kuteyi**

Law  
Minor in Philosophy

**Ryan Lambert**

Criminology and Criminal Justice  
Concentration in Psychology

**Jeffrey Cordell Marchuk**

Law

**Chantel Massa**

Criminology and Criminal Justice  
Concentration in Law

**Aoife McDonald**

History and Political Science  
Concentration in International Relations  
Minor in French

**Ryleigh A. McDooling**

Criminology and Criminal Justice  
Concentration in Law

**Scott McGarrity**

Law  
Concentration in Business Law

**Moya Esmeta Mckay**

Human Rights and Social Justice and  
Political Science

**Dylan McKelvey**

Law  
Concentration in Law, Policy and  
Government

**Marissa Ann Mondesir**

Political Science  
Concentration in International Relations

**Shannon Morabito**

With Distinction  
Criminology and Criminal Justice  
Concentration in Law  
Minor in Women's and Gender Studies

**Matthew Nagy**

History and Political Science  
Minor in Russian

**Jonathan Nickpor**

Criminology and Criminal Justice  
Concentration in Sociology

**Oroma Nwenendah-Mpi**

Political Science

**Andrew Tudor Ochisor**

Criminology and Criminal Justice  
Concentration in Law

**Uchechukwu Maryann Okoliachu**

Political Science  
Concentration in International Relations

**Robert Austin O'Neil**

Political Science

**Abigail Ruth Otchere**

Law  
Minor in Political Science

**Angelika Ovanesjan**

Political Science  
Concentration in International Relations  
Minor in Canadian Studies

**Rory Perusits**

Applied Economics  
Concentration in Financial Economics  
Co-operative Education

**Robyn Elizabeth Pilkington**

With Distinction  
Criminology and Criminal Justice  
Concentration in Psychology

**Kaitlyn Amanda Poupore**

Criminology and Criminal Justice  
Concentration in Psychology

**Celina Ayala Powis**

Law

**Yevgeniy Pribylov**

Political Science  
Concentration in International Relations

**Alexandra Mackenzie Pryce**

Law  
Concentration in Business Law

**Alicia Racine**

Law

**Jacob Ranger**

Law

**Gureen Rangi**

Criminology and Criminal Justice  
Concentration in Law

**Sylva Howard John Sheridan**

Law  
Minor in English

**Dylan Jonathon Small**

Criminology and Criminal Justice  
Concentration in Law

**Jordan Catherine Rose Smith**

Law

**Frederik Westerled Storm**

Law

Concentration in Business Law

Minor in Business

**Kelvin Hao Wen Sun**

Political Science

Minor in Canadian Studies

**Lucas Tardioli**

Criminology and Criminal Justice

Concentration in Law

**Theothotos Matheson Tsangaris**

Political Science

Minor in Biology and Minor in History

**Taylor May Vodden**

Criminology and Criminal Justice

Concentration in Law

**Connor Wagner**

Criminology and Criminal Justice

Concentration in Law

**Gregory Brandon Wilson**

Law

Minor in European and Russian Studies

**Kindree Lynn Woznow**

Criminology and Criminal Justice

Concentration in Psychology

Minor in Russian

**Jiawen Yang**

Communication and Media Studies and

English

Minor in Japanese

**Sarah Yusuf**

Law

Minor in Mandarin Chinese

## **BACHELOR OF ARTS**

(Presented by Professor André Plourde  
Dean, Faculty of Public Affairs)

**Maarukh Abbas**

Law

**Bianca Adam**

Law

Minor in Political Science

**Michael Adekunle Ajasin**

Economics

**Lisa M. Bambrick**

With Distinction

Law

**Risikatu Sherri Bello**

Criminology and Criminal Justice

Concentration in Sociology

**Stephane Berimbere**

Political Science

**Nicholas Ryan Boutilier**

Law

Minor in Philosophy

**Alyssa Louise Boyden**

Communication Studies

Minor in English

**Taylor Barbara Brown**

Law

**Spencer Brunet**

Criminology and Criminal Justice

Concentration in Psychology

**Catherine Bulinski**

Criminology and Criminal Justice

Concentration in Psychology

**Jacob Capelle**

Law

Minor in Psychology

**Elias Charinos**

Law

Minor in English

**Mitchell Chestnut**

Criminology and Criminal Justice

Concentration in Law

**Kurtis Cecil Collins**

Criminology and Criminal Justice

Concentration in Psychology

**Andrew James Collison**

Criminology and Criminal Justice

Concentration in Law

**Gregory D'Agui**

Criminology and Criminal Justice

Concentration in Psychology

**Nicky Darche**

Criminology and Criminal Justice

Concentration in Psychology

**Pengyu Dong**

Economics

**Andrew Morgan Drawson**

Political Science

**Mallory Jenny Duffy**

Law

Minor in Psychology

**Philip Dziedzic**

Law

**Noahm Ellis**

Criminology and Criminal Justice

Concentration in Law

Minor in Psychology

**Kelly Gardiner**

Law

**Mackenzie Anne Garrett**

Criminology and Criminal Justice

Concentration in Psychology

**Kidane Hagos**

Law

**Thamana Haleem**

Law

**Kailey Joan Marie Hamilton**

Law

Minor in Anthropology

**Jessica Hyndman**

Criminology and Criminal Justice

Concentration in Psychology

Minor in Philosophy

**Emily Teresa Ingalls**

Criminology and Criminal Justice

Concentration in Law

**Gavin Jager**

Criminology and Criminal Justice

Concentration in Psychology

**Joshua Matthew Kaine**

Political Science

Minor in History

**David Kavanagh**

Law

**Andrew Karl Kemp**

Criminology and Criminal Justice

Concentration in Law

**Darren Ladd**

Criminology and Criminal Justice

Concentration in Law

**Su Lim LaRochelle**

Political Science

**Nicolas Scott McFadden**

Law

**Dustin Paul Medeiros-Large**

Political Science

**Douglas Gerald Menezes**

Law

**Jenna Christine Montroy-Patenaude**

With Distinction

Political Science

**Claudia Martha Ndjou’Ou**

Political Science

**Vivian Nguyen**

Law

**Alexandre Normand**

Political Science

**Vanessa Gail Ortaleza**

With High Distinction

Political Science

**Shannon Del Joyce Prendergast**

Law

Minor in American Sign Language and

Minor in History

**Mohammed Anas Qadeer**

Criminology and Criminal Justice

Concentration in Law

**Alejandro Ramirez Castellanos**

Law

**Tasnim Rashid**

Political Science

**Chelsea Russell**

Law

Minor in Psychology

**Kenneth Saunders**

Law

Minor in History

**Hannah Emeline Schmidt**

Criminology and Criminal Justice

Concentration in Psychology

**Cody Shilliday**

Criminology and Criminal Justice

Concentration in Psychology

**Debopriya Shome**

Law

Minor in Women’s and Gender Studies

**Shawna Slack**

Law

**Jackson Douglas Steele**

Political Science

Minor in Film Studies

**Andrea Diane Strathdee**

With High Distinction

Political Science

Minor in French

**Grant Edward Sutherland**

Law  
Minor in Philosophy

**Christian Alexander Taylhardat Ruiz**

Political Science

**Timur Tursunov**

Political Science

**Hannah Vervoort**

Political Science  
Minor in Law

**Christopher Vittone**

Law

**Jasmina Vucica**

With High Distinction  
Law

**Jamie Wainman**

Criminology and Criminal Justice  
Concentration in Psychology

**Stefan Michel Palme Walker**

Criminology and Criminal Justice  
Concentration in Psychology

**Hongtao Wang**

Economics

**Pu Yue**

Economics

## **BACHELOR OF ENGINEERING**

---

(Presented by Professor Larry Kostiuik  
Dean, Faculty of Engineering & Design)

### **AEROSPACE**

**Omar Hijazi**

### **BIOMEDICAL AND ELECTRICAL**

**Abdul-Halim Ratmono**

With High Distinction

### **CIVIL**

**Jesse Compeau**

With Distinction

**Mizral Hameem**

**Daniel Durando Lowcay**

**Justin William Slovak**

**David A'Kos Szabo**

### **COMMUNICATIONS**

**Mohammed Reda Al Fayez**

**Abubakar Ibrahim Babagana**

**Margaret Oyinkansola Funmilayo**

**Darío César Luzuriaga Sorribes**

Minor in Philosophy

### **COMPUTER SYSTEMS**

**Katie Donkers**

**Lee Micheal Fisher**

**Karim Ismail**

Co-operative Education

### **ELECTRICAL**

**Peter Al Ahmar**

**Rama Rafel Aldakkak**

**Mohammed Al-Digs**

**Heider Al-Roubaie**

**Ryan Bell**

Co-operative Education

**Farzaan Ahmed Chaudhry**

**Yunlong Chen**



**Sandy Elamin**

**Fadi Ghazal**

**Gauthaman Gnanasekaran**

**Yue Pan**

Co-operative Education

**Antoine M. Sauvé**

Co-operative Education

**Narrthanan Seevananthan**

**Vignesh Divakar Shenoy**

**Ryan William St-Jean**

**Xinyu Wang**

## **MECHANICAL**

**Keenan Christopher Dion**

**Kenechukwu Ikec Onyeka**

**Joel Priddle**

With Distinction

Co-operative Education

**John Regan**

## **SOFTWARE**

**Aly Khan Barolia**

**Benjamin Palko**

**Arsalan Sadiq**

**Joe Frederick Samuel**

**Karl David Schnalzer**

**Pragya Singh**

**Benjamin St Pierre**

## **SUSTAINABLE AND RENEWABLE ENERGY**

**Mounia Chakik**

## **BACHELOR OF INDUSTRIAL DESIGN**

(Presented by Associate Professor Lois Frankel  
School of Industrial Design)

**Malik Haji**

## **BACHELOR OF INFORMATION TECHNOLOGY IN COLLABORATION WITH ALGONQUIN COLLEGE**

(Presented by Associate Professor Chris Joslin  
Director, School of Information Technology)

**Jasmita M. Chawla**

Interactive Multimedia and Design

**Fayez Joseph Chedid**

Network Technology

**Ikechukwu Igboanusi**

Network Technology

**Andrew Jones**

Network Technology

**Harleigh Marion Sharp**

Interactive Multimedia and Design

**Jiteng Wang**

Network Technology

**Aschalew Zelelew**

Network Technology

## BACHELOR OF ECONOMICS (HONOURS)

---

(Presented by Professor Hashmat Khan  
Chair, Department of Economics)

**Jane Olohierere Aisekhalaye**

**Fatemah Fahad Algubaa**

Concentration in Financial Economics

**Jawaher Fahad Almubarak**

Concentration in Financial Economics

**Aliaa Alnabulsi**

Concentration in Financial Economics

**Farah Alshelian**

Concentration in Financial Economics

**Joud Alshelian**

Concentration in Financial Economics

**Cameron Russell Amini**

With Distinction

**Hehan Bai**

Minor in Philosophy

**Muhammad Musa Rehman Bajwa**

**Haris Chaudhry**

**Victor Augustin Chobot**

Concentration in Economic Theory and

Concentration in Financial Economics

**Ryan Daher**

**Stefen Matthew Bradley De Gannes**

**Sumantra Ghosh**

**Ziheng Guo**

Minor in Entrepreneurship

**Sabrie Mohamed Gutale**

**Humam Hassan**

**Brennan Lee**

Minor in History

**Chenchen Liu**

**Reuben Jacob Mathews**

Concentration in Financial Economics

**Jeremy Meyer**

Concentration in Financial Economics

**Ryan D. Mulcock**

With Distinction

Concentration in Economic Theory

with Study Year Abroad

**Oluwamayowa Aderinola Deborah Ogoji**

Minor in Sociology

**Hamza Ouadad**

**Omar Qasem**

**Kyle Robbins**

Concentration in Financial Economics

**Saabir Tifow**

**Andy Zhou**

## BACHELOR OF ECONOMICS

---

(Presented by Professor Hashmat Khan  
Chair, Department of Economics)

**Solaiman Al-Shammari**

**Weicong Chen**

**Yuxuan Chen**

**Omar El Nil**

**Mohamad Elsembaw**

**Oluwashola Fashina**

**William Fuku**

**Junchen Guo**

**Jad Hayek**

**Gan Jiang**

**Limin Jin**

**Varalika Kapila**

**Ayaz Khan**

**Zeqing Li**

**Jiayi Lin**

**Junjiang Liu**

**Borys Maznyi**

**Muad Ali M. F. Mehemed**

**Mary Pauline Nicholson**

**Moad Omiesh**

**Omar Ouadad**

**Zeyao Qi**

**Firass Sabra**  
**Tyler Alexander Traversy**  
**Wei Wang**  
**Xinyi Wang**

**Yifei Xie**  
**Bochen Yang**  
**George Zhang**

## **BACHELOR OF GLOBAL AND INTERNATIONAL STUDIES (HONOURS)**

---

(Presented by Associate Professor Neil Gerlach  
Director, Bachelor of Global and International Studies Program)

**Joan Anulika Ajoku**  
Specialization in Global Law and Social  
Justice

**Sophia Oluwabusola Alawode**  
Specialization in Africa and Globalization  
Minor in Economics

**Sara Fahad Algubaa**  
With High Distinction  
Specialization in Globalization, Culture  
and Power

**Zaiba Fatima Ali**  
With Distinction  
Specialization in International Economic  
Policy

**Hailey Climenhage**  
Specialization in Global Development  
Minor in Political Science

**Greer Jacklen Donaldson**  
Specialization in Global Law and Social  
Justice  
Minor in Women's and Gender Studies

**Aneta Dvorackova**  
Specialization in Global Politics

**Hannah Leigh Gulyes**  
Specialization in Global Development  
with Study Year Abroad

**Morgan Mackenzie Marta**  
Specialization in Globalization and the  
Environment

**Roopinder Kaur Nagra**  
With High Distinction  
Specialization in Global Law and Social  
Justice

**Olivia Richardson**  
With High Distinction  
Specialization in Global Development  
Minor in Geography

**Ashlee Michelle Riedler**  
Specialization in Global Law and Social  
Justice

**Liskebe Nate Tadi**  
Specialization in Global Law and Social  
Justice

## **BACHELOR OF GLOBAL AND INTERNATIONAL STUDIES**

---

(Presented by Associate Professor Neil Gerlach  
Director, Bachelor of Global and International Studies Program)

**Emilie Donna Baker**  
**Nathan Embaye**  
**April Lastoria**

**Joyce-Neylie Leurebourg**  
Minor in Psychology

**Mahayah Isis Lochan-Aristide**  
**Martine Vidmar**

## BACHELOR OF JOURNALISM (HONOURS)

---

(Presented by Associate Professor Susan Harada  
Interim Director, School of Journalism and Communication)

**Megan Carla Harrison**  
With High Distinction  
Journalism and Political Science

**Michael Alexander Mackinnon**

**David Sagolj**  
Minor in Music

**Gabrielle Van Looyen**  
With High Distinction  
Minor in Indigenous Studies

## BACHELOR OF COMMUNICATION AND MEDIA STUDIES (HONOURS)

---

(Presented by Associate Professor Ira Wagman  
Interim Associate Director, School of Journalism and Communication)

**Megan Jane Elizabeth Bertrim**  
Communication and Media Studies

**Amira Catarina Caro**  
Communication and Media Studies

**Yiru Chen**  
Communication and Media Studies  
Minor in Mathematics

**Emir Demirkiran**  
Communication and Media Studies

**Sable Rose Frey**  
With Distinction  
Communication and Media Studies  
Minor in Arts Management  
Co-operative Education

**Brittanie Jamie Bridgette Jonidi**  
Communication and Media Studies  
Minor in Canadian Studies

**Jared J. M. Jylha**  
Communication and Media Studies  
Minor in Political Science

**ZhiHan Liu**  
Communication and Media Studies

**Irfan Nabi**  
Communication and Media Studies

**Emily Robertson**  
Communication and Media Studies  
Minor in Psychology

**Yasmine Salehabadi**  
Communication and Media Studies and  
Law  
with Study Term Abroad

**Stacey Therese Sent-Doux**  
Communication and Media Studies

**Rohini Sundaralingam**  
Communication and Media Studies

**Sofiya Vyhovska**  
Communication and Media Studies and  
Art History

**Wing Lam Yiu**  
Communication and Media Studies  
with Study Term Abroad

**Qian Zhao**  
With High Distinction  
Communication and Media Studies  
Minor in Business

**Alexandra Zion**  
Communication and Media Studies  
Minor in Psychology

## BACHELOR OF COMMUNICATION AND MEDIA STUDIES

---

(Presented by Associate Professor Ira Wagman  
Interim Associate Director, School of Journalism and Communication)

**Monib Abdulrazaq**  
Communication and Media Studies

**Rose Sameer AL-Salfiti**  
Communication and Media Studies

**Na'imah Anna Friday-Griffiths**  
Communication and Media Studies

**Julia Rose Garbett**  
Communication and Media Studies

**Dayna Marie Gill**  
Communication and Media Studies

**Alexandra Holmes**  
Communication and Media Studies  
Minor in Women's and Gender Studies

**Marina Jaji**  
Communication and Media Studies

**Mbu Dorcas Lubangi**  
Communication and Media Studies

**Sydney Marie Kathleen Power**  
Communication and Media Studies

**Victoria Ashley Robinson**  
Communication and Media Studies

**Eyu Shen**  
Communication and Media Studies

**Tabria Jade VanSickle**  
Communication and Media Studies

**Minzhong Wang**  
Communication and Media Studies

## **BACHELOR OF PUBLIC AFFAIRS AND POLICY MANAGEMENT (HONOURS)**

---

(Presented by Associate Professor Lisa Mills  
Program Director, Bachelor of Public Affairs and Policy Management )

**Céline Brown**  
With High Distinction  
Economic Policy

**Fraser Douglas Harvey Ridout**  
Specialization in Communication and  
Information Technology Policy

**Sean Hughsam**  
Specialization in Communication and  
Information Technology Policy  
Minor in Law

**Jessica MacNeil**  
Specialization in Development Studies  
Minor in Economics

**Samuel Turgeon-Brabazon**  
With Distinction  
Specialization in Human Rights

**Natalie Lillian Quinn York**  
Specialization in Social Policy

## **BACHELOR OF SOCIAL WORK (HONOURS)**

---

(Presented by Associate Professor Susan Braedley  
School of Social Work)

**Sharmarke Abdulkarim**

**Liam Anstey**

**Lauralee Archibald**

**Derek Cassidy**

**David Andrew Cope**

**Clayton Dignard**  
With Distinction

**Katalin Margaret Empey Easton**

**Daniela Ficili**

**Deanna Goulet**

**Sean Frances Lafrance**

**Stephanie Laming**  
Minor in Law

**Shelby McLean**

**Ryan Murray**  
Minor in Indigenous Studies

**Nicole Lynn Papworth**  
With Distinction

**Cynthia Schreiber**

**Jordyn Angelika Shea White-Higginbottom**

## POST BACCALAUREATE DIPLOMA IN ECONOMICS

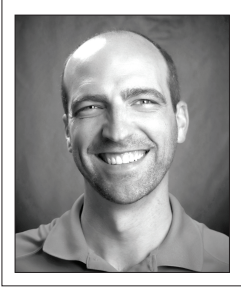
---

(Presented by Professor Hashmat Khan  
Chair, Department of Economics)

**Khalid Houran**

## ALUMNI ASSOCIATION WELCOME

---



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 165,000 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 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.

Mat Main, *B.Eng.*

President, Carleton University Alumni Association

## ADDITIONS AND CORRECTIONS

The following additions and/or corrections were made by Senate following the publication of the June 2019 Convocation program.

### **BACHELOR OF COMMERCE**

**Odai el-Tahrawy**

Concentration in Finance

**Emerson Griffiths**