

# Carleton

UNIVERSITY



TUESDAY, JUNE 13, 2017

1942 **75** 2017

2017 SPRING CONVOCATION

Convocation at Carleton

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Doctor of Philosophy from the Faculty of Science; Master of Arts in Human-Computer Interaction; Master of Computer Science; Master of Science; Graduate Diploma in Health: Science, Technology and Policy; Bachelor of Computer Science (Honours); Bachelor of Computer Science (Major); Bachelor of Mathematics (Honours); Bachelor of Mathematics; Bachelor of Science (Honours); Bachelor of Science (Major); Bachelor of Science; Bachelor of Arts (Honours); Bachelor of Arts



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Doctor of Philosophy from the Faculty of Public Affairs; Master of Arts; Master of Social Work; Bachelor of Arts (Honours); Bachelor of Arts; Bachelor of Social Work; Post Baccalaureate Diploma in Economics

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## O CANADA

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

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

# CONVOCATION AT CARLETON UNIVERSITY

## HISTORY

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

Today, Carleton stands among the best comprehensive universities in Canada. It is a dynamic, research-intensive university, committed to providing an outstanding learning experience for its more than 28,000 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.

Carleton's 75th anniversary in 2017 celebrates the university's commitment to giving back through education while pursuing contributions to the common good. These founding values are at the heart of the university's focus on research, community partnerships and teaching excellence. Carleton students, faculty, staff and alumni are motivated by a desire to make their world a better place. And as the university marks a major milestone in Canada's 150th anniversary year, we are showcasing the innovation and creativity of our collaborations. Because what's good for Carleton is good for Canada and the world. It's been a tradition for 75 years.

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 DIPLOMA

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

## ACADEMIC DRESS

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

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

The master's and bachelor's gowns, to be worn with the above hoods, are of full length, made of black stuff, with a gathered yoke behind, and long open-fronted sleeves. The doctoral gown is of full-style, made of fine royal blue cloth with facings of light blue silk, with a full gathered yoke behind, and closed sleeves with an opening at the elbows.

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

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

## ALUMNI HALL

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

## OFFICIATING OFFICERS

### Chancellor of the University



**Charles Chi, B.Eng.**

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

### The President and Vice-Chancellor



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

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

### Chair of the Board of Governors



**Christopher Carruthers, B.Sc., M.D., M.B.A., I.C.D.**

Christopher Carruthers, health care consultant and corporate director, is a retired orthopedic surgeon and the previous Chief of Staff of The Ottawa Hospital. A graduate of Carleton University (B.Sc.), the University of Ottawa (M.D.), and Concordia University's Executive M.B.A. program, Dr. Carruthers serves on the Ottawa Airport Authority Board and chairs the Mach-Gaensslen Foundation. He is a past Chair of the Ashbury College Board and its Foundation and has served on numerous health services and hospital boards.

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

Accompanying him on the podium for today's ceremonies are Roseann O'Reilly Runte, *C.M., B.A., M.A., Ph.D.*, President and Vice-Chancellor, and Christopher Carruthers, *B.Sc., M.D., M.B.A., I.C.D.*, Chair of the Board of Governors.

## ASSISTING THE CHANCELLOR

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### **Marshal of Convocation**

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

### **Associate Marshals of Convocation**

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

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

Lorraine Dyke, *B.A., M.B.A., Ph.D.*  
Associate Dean, Professional Graduate Programs  
Professor, Management and Strategy  
Sprott School of Business

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

Heng Khoo, *B.Sc., M.Sc., Ph.D., P.Eng.*  
Associate Professor  
Department of Civil and Environmental Engineering

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

Hugh Shewell, *B.A., M.S.W., Ph.D.*  
Graduate Supervisor  
Associate Professor, School of Social Work

Susan Whitney, *B.A., M.A., Ph.D.*  
Associate Dean, Student Affairs, Faculty of Arts and  
Social Sciences  
Associate Professor, Department of History

### **Eagle Staff Carrier**

Sheldon McGreggor  
Kitigan Zibi Anishinabeg

### **Beadles of Convocation**

Martha Attridge-Buften, *B.B.A., M.A.*  
MacOdrum Library

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

Christine Barkley  
Office of the Dean, Faculty of Public Affairs

Diane Berezowski  
School for Studies in Art and Culture

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

Rebecca Bromwich, *Ph.D., LL.M., LL.B., B.A.*  
Department of Law and Legal Studies

Allyson Buchanan-Watson  
Office of the Dean of Arts and Social Sciences

Susan Burhoe, *B.A., M.A.*  
Centre for Initiatives in Education

Samantha Colasante, *B.Sc., M.B.A.*  
Faculty of Engineering and Design

Sandra Cloutier, *B.A.*  
Department of Health Sciences

Rose Crossett, *B.A.*  
Department of University Advancement

Shaundel Dottin-Agim, *B.A.*  
Undergraduate Recruitment Office

Nikhitha Gajudhur  
Faculty of Engineering and Design

Joan Grant, *M.A.*  
School of Linguistics and Language Studies

Jennifer Harris  
Office of the Faculty of Engineering & Design

Karen Kelly, *B.J.*  
Faculty of Public Affairs

Lana Keon, *B.A.*  
Pauline Jewett Institute of Women's &  
Gender Studies

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

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

Dotti MacNeil, *B.Sc.*  
Sprott School of Business

JoAnne McFarlan  
Department of University Advancement

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

Claire Ryan, *B.A.*  
Azrieli School of Architecture and Urbanism

Francesca Tsimiklis, *B.Eng.*  
Office of the Faculty of Engineering and Design

Stephanie Wagar, *B.A.*  
Centre for Initiatives in Education

Patrick Warner, *MStJ, C.D., B.A., Dip.MarE (ccgc)*  
Technology Society Environment

Petra Watzlawik-Li, *M.A.*  
Centre for Initiatives in Education

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

Aramark  
Carleton University Bookstore  
Carleton University Emergency Response Team  
Department of Recreation and Athletics  
Department of University Advancement  
Department of University Communications  
Facilities Management and Planning  
Faculty of Graduate and Postdoctoral Affairs  
Graphic Services  
Instructional Media Services  
Musicians: Dennis Bass, Jacob Clarke, Kyle Jordan,  
Jennie Seaborn  
Office of the President  
Parking Services  
Paul Menton Centre  
The Print Shop  
Registrar's Office  
Scheduling and Examination Services  
Senate Office  
Student Experience Office  
University Archives  
University Safety

## UNIVERSITY AWARDS

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### Founders Award



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

**Elder James Albert, B.Sc., M.S.W., Ph.D.**

For more than five decades, Elder James Albert has been known for his dedicated service to Carleton University and his unwavering commitment to promoting Indigenous values and culture on campus, throughout the local community and beyond.

After graduating from Carleton in 1955, Elder Albert went on to pursue graduate study at Columbia University and the University of Toronto. He returned to Carleton in the 1970s and has since held several distinguished roles, including Associate Professor and Director of the School of Social Work.

Elder Albert greatly contributed to the establishment of the Centre for Aboriginal Education and Research (CEARC) and later the Centre for Aboriginal Culture and Education (CACE). He has served as presiding Elder and provided guidance on several committees, including the Aboriginal Education Council, the Task Force on Aboriginal Affairs, the Aboriginal Vision Committee, Carleton's Aboriginal Enriched Support Program, and the New Sun Conference on Aboriginal Art and Culture. And, he has authored several articles and book chapters on social welfare services, social policy and social transformation in Canada.

### Board of Governors Award



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

**Gabriela Bernal Astrain, B.Sc.**

Gabriela Astrain is graduating with an Honours Bachelor of Science (Biochemistry and Biotechnology).

Gabriela is being recognized for her significant and consistent volunteerism both at Carleton and in the Ottawa community. Her volunteerism exemplified her passion for helping others. At Carleton, she volunteered in the Science Student Success Centre (SSSC) where she played a leadership role in becoming the first co-ordinator of the Science Learning Communities and later a team co-ordinator for the Kick-Start into Science program, which she spearheaded. She has taken on challenges to create, implement, and improve the programming at the SSSC, making a difference in many lives. In the Ottawa community, she has been a consistent volunteer at the Children's Hospital of Eastern Ontario (CHEO), at Acceso International, and remains an active volunteer at her former high school. In addition to her volunteer work, she held part-time positions as a Peer Assisted Study Sessions facilitator, as a Peer Assisted Study coach in Chemistry and as a teaching assistant. Gabriela has demonstrated unparalleled leadership and has balanced volunteering - in addition to many other pursuits - with excellence in her academic studies.

### Henry Marshall Tory Award



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

**Tania Gomes, B.P.A.P.M.**

Tania Gomes is graduating with a Bachelor of Public Affairs and Policy Management, with a specialization in International Studies and a Minor in Law. This award recognizes Tania's balanced commitments to student life, to the Ottawa community, and to academic excellence. In addition to engaging in robust academic endeavours, Tania has embraced varied experiences outside the classroom, which have allowed her to apply her academic knowledge in the service of others. These have included: participating in community service learning activities like Alternative Spring Break & Campus to Community Days; working as team leader and co-ordinator for the Fall Orientation Program; serving as executive director of the Student Philanthropy Council and, most recently, serving as the chair of Relay for Life, which set a Canadian post-secondary institution fundraising record of more than \$125,000.



## 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: His Excellency the Governor General of Canada*

**Eloïse Madeleine Kerr**  
**Bernard Gareth Llanos**

### CHANCELLOR'S MEDAL

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

**Sachin Ivan Ramaniah**

### 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

**Virginia Daria Song Penner**

### UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

**WORK—** Doctoral Level

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

**Graham John Cree**

### UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

**WORK—** Master's Level

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

**Holly Longair**

### UNIVERSITY MEDAL

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

Architectural Studies

**David Anderson**

Arts

**Alicia Louise Haniford**

**Corbin James Williams**

Cognitive Science

**Kunio Hessel**

Commerce

**Heather Marie Ogilvie**

Communication and Media Studies Honours

**Amanda Chouinard**

Computer Science

**Dabeluchi Ndubisi**

Engineering

**Richard James Perryman**

Humanities

**Paige Pinto**

Industrial Design

**Meagan Katherine Louie**

Information Technology

**Laura Kwan**

Interfaculty Studies

**Christine Edith Tulk**

International Business

**Hayden Hermann Andrew Friedrich**

Journalism

**Patrick Butler**

Mathematics

**Tyler Anthony Golden**

Music

**Bronwyn J. Thies-Thompson**

Public Affairs and Policy Management

**Chloe Sarah Halpenny**

Science

**Myriam Priscilla Hoyeck**

Social Work

**Filip Szadurski**

## SENATE MEDALS FOR OUTSTANDING ACADEMIC

**ACHIEVEMENT** — Graduate

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

Doctoral Level

**Melissa Diane Armstrong**

**Marc Andrew Beal**

**Marie-Hélène Felt**

**Sabrina Fernandes**

**Chengchao Liang**

**Erin Teresa Oldford**

Master's Level

**Mariya Davydenko**

**Robert Embree**

**Kirk Hovell**

**Matthew Howland**

**Emma Leigh Jorgenson**

**Scott Alexander Stewart**

**Benjamin Luke Woodfinden**

## SENATE MEDALS FOR OUTSTANDING ACADEMIC

**ACHIEVEMENT** — Undergraduate

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

**Ellen Hayley Ahee**

**Fizza Ahmad Sheikh**

**Monique Amar**

**Rachel Anderson-Houldsworth**

**Emily Abigail Beierl**

**Emma Louise Bell**

**Justin Bhatla**

**Urvi Bhojoo**

**Adam Barry Birosh**

**Cameron Thomas Blanchard**

**Joseph Botros**

**Ryan John Brink**

**James Thomas Darrell Broadbent**

**Morgan Cameron**

**Carlos Eduardo Cantafio Apitz**

**Emily Irene Charlotte Chapman**

**Michael Chiumera**

**Sarah Church**

**Cassandra Montana Conley**

**Kim G. Danis**

**Jocelyn DeMone**

**Alok Gajanan Deshpande**

**Frankie Di Renzo**

**Douglas Dumais**

**Siobhán B. Dundon**

**Rebecca Ellen Dunks**

**Morgan April Esposito**

**Megan Evans**

**Sonia Katharina Fendt Ledermann**

**Carolyn Fenwick**

**Emma-Jeanne Fleet**

**Patricia Joanne Foster**

**Adeel Giwa**

**Hannah Mary Goss**

**Silas Kevin Isaac Graham**

**Rebecca Greenbury**

**Julia Marie Hamilton**

**Emily Marie Hammond**

**George Hanna**

**Tamar Harris**

**Stephanie Harrison**

**Harrison Fraser Hayes**

**Abigail Carol Anna Hoekstra**

**Saeeda Javed**

**Erik Johnson**

**Rebecca Sarah Kalinger**

**Elizabeth Lina Karchut**

Alison Keefe  
Elia Kingswood  
Hendrik Johannes Knoetze  
Megan Louisa Diane Kot  
Joanna Ellen Lansche  
Roxanne Laquerre  
Taryn Laurendeau  
Dustin Edward Lee  
Kyle Roger Lemay  
Ziqiao Charlie Li  
Alex Longval  
Erin Macdonald  
John MacLaughlan  
Isabelle Alexandra MacLean  
Amanda Meaghan Savannah Mattice  
Calla McClelland  
Amy Mary McIlvenna  
Kevin McIntyre  
Jessica Lynne McNeill  
Andrei Mesesan  
Rahul Minhas  
Adil Munim  
Paul Mushubi  
Rumya Nithiananthan  
Lisa Olsen  
Jonathan David Organ  
Christiana Ouellette  
Christopher Francis Parrott  
Fay Pettigrew  
Katrina Bärbel Picken  
Leah Piehler  
Caroline S. Pogue  
Kathryn Alicia Ponomareva  
Miguel Ramos  
Sara Reid  
Lara Wynes Sonia Roga  
Philip Douglas Ruddock  
Hailey Russell  
Lobna Sakr

Caitlin Alexandra Salvino  
Sharon Anne Schuppe  
Patrick Joseph Wolff Serafini  
Nathaniel Sergeant  
Gavin Selkirk Shanks  
Akshay Sharma  
Tanyss Anne Sharp  
Julia Silva  
Amy C. Silver  
Lise M. Simard  
Sean Singh  
Jason Smith  
Chelsie Josephine Smith  
Lisa Marie Sullivan  
Alyson Elizabeth Sutton  
Lauren Tansley  
Katherine Taylor  
Nicholas Alexander Therens  
Katie Lynn Tilley  
Ethan Douglas Joseph Towns  
Arielle Ghyslaine Tyrrell  
Sarah Walsh  
Lyn Wattam  
James Wiley  
Justin Nicholas Yan  
Aysan Yasani  
Grace Yeung  
Willy Zhang

## 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

Tuesday, June 13, 9:30 a.m.

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

## HONORARY DEGREE RECIPIENTS

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**André Picard, B.Com., B.J., LL.D., D.Litt.**



André Picard will be awarded the degree of Doctor of Laws, *honoris causa*, at the 9:30 a.m. ceremony on Tuesday, June 13, “in recognition of his extraordinary contribution to public health and public health policy as a journalist, columnist and author of four significant books.”

He is the health columnist at the *Globe and Mail*, where he has been a staff reporter since 1987. He is the author of numerous books, most recently *Matters of Life and Death: Public Health Issues in Canada*.

His health care advocacy has been recognized by a number of groups, including Safe Kids Canada, the Canadian Mental Health Association, the Canadian Alliance on Mental Illness and the Canadian Hearing Society. In 2012, Picard was awarded the Queen Elizabeth II Diamond Jubilee Medal for his role in improving Canadian health care.

He has received the Michener Award for Meritorious Public Service Journalism, the Canadian Policy Research Award and the Atkinson Fellowship for Public Policy Research.

He is an eight-time finalist in the National Newspaper Awards – Canada’s version of the Pulitzer Prize. In 2010, Picard was named Canada’s top newspaper columnist.

Picard is a graduate of the University of Ottawa and Carleton University. He has been awarded honorary doctorates by the University of Ontario Institute Of Technology, the University of Manitoba, Laurentian University and the University of Toronto.

# ORDER OF PROCEEDINGS

## Morning ceremony

**Tuesday, June 13, 9:30 a.m.**

Chancellor Charles Chi, *B.Eng.*, 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

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

Ross Davison (bagpipes)

James Bush (snare drum)

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

Performed by Malak Ghanem

Opening Ceremony

Elder Jo McQuarrie

Métis Nation

Introduction by the Master of Ceremonies

Jerry Tomberlin, *B.S., M.P.H., A.M., Ph.D.*

Interim Provost and Vice-President (Academic)

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

André Picard, *B.Com., B.J., LL.D., D.Litt.*

(Presented by Kathryn O'Hara, *M.Sc.*,

CTV Chair in Science Broadcast Journalism)

Convocation Address

André Picard, *B.Com., B.J., LL.D., D.Litt.*

Health Columnist, *Globe and Mail*

Conferring of Degrees and Awarding of Medals

Warrant

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

Marshal of Convocation

Welcome from the Alumni Association

Chancellor Charles Chi

Closing Address by the President and Vice-Chancellor

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

Recessional Music

# DOCTOR OF PHILOSOPHY

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

## BIOLOGY

### **Marc Andrew Beal**

Harnessing New Genomics Technologies  
to Assess Environmental Risk Factors  
That May Cause Heritable Genetic  
Disease  
*Supervisors: I. Lambert, C. Yauk and F.  
Marchetti*

### **Katayoun Omid**

Identification and Characterization of  
Novel Genes Involved in DNA Double  
Strand Break Repair Process in the Yeast  
*Saccharomyces Cerevisiae*  
*Supervisor: A. Golshani*

### **Joey Tanney\***

A Taxonomic and Phylogenetic  
Investigation of Conifer Endophytes of  
Eastern Canada  
*Supervisors: M. Smith and K. Seifert*

## CHEMISTRY

### **Samar Abdullah Alsudir**

Capillary Electrophoresis Analysis of  
Metal/Metalloid Oxide Nanoparticles  
in Water: Method Development for the  
Enhancement of UV Detection Sensitivity  
*Supervisor: E. Lai*

### **Khama Rani Ghosh**

Lossen Reaction, Polymer Synthesis  
and Potential Applications of Latent  
Isocyanates  
*Supervisor: Z. Wang*

### **Di Zhang**

Syntheses and Characterizations of  
Cysteine-Derived Compounds and  
Polymers  
*Supervisor: Z. Wang*

## COMPUTER SCIENCE

### **Ahmad Biniaz\***

Matchings in Geometric Graphs  
*Supervisors: A. Maheshwari and M. Smid*

### **Reza GhasemAghaei**

Multimodal Software For Affective  
Education: User Interaction Design And  
Evaluation  
*Supervisors: R. Biddle and A. Arya*

### **Mostafa Khaghani Milani\***

Multidimensional Ontologies for  
Contextual Quality Data Specification  
and Extraction  
*Supervisor: L. Bertossi*

### **Leah Zhang-Kennedy**

Multimedia Approaches for Improving  
Childrens Privacy and Security  
Knowledge and Persuading Behaviour  
Change  
*Supervisor: S. Chiasson*

## EARTH SCIENCES

### **Raymond M. Caron\***

Correcting Airborne Gravity Data for  
Overburden Thickness Using Airborne  
Transient Electromagnetic Data  
*Supervisors: C. Samson and M. Chouteau*

### **Stephen Crane\***

Numerical Modelling of Seismic Wave  
Propagation Through a Soft-Sediment  
Filled Basin Near Kinburn, ON.  
*Supervisors: D. Motazedian and J. Hunter*

### **Cole Kingsbury\***

Hot Rocks from Cold Places: A Field,  
Geochemical and Geochronological  
Study from the High Arctic Large  
Igneous Province (HALIP) at Axel  
Heiberg Island, Nunavut  
*Supervisors: R. Ernst and B. Cousens*

### **Maxim Ralchenko**

Modelling and Optimizing Through-the-  
Earth Radio Transmissions  
*Supervisor: C. Samson*

## APPLIED MATHEMATICS AND PURE MATHEMATICS

### **Taqi Aldin Mohammed Said T. Shatnawi**

Resonant Response in Bounded  
Nonlinear Wave Systems  
*Supervisor: D. Amundsen*

### **John Theodore Talboom**

Representation Theory of the Lie  
Algebras of Divergence Zero and  
Hamiltonian Vector Fields on a Torus  
*Supervisor: Y. Billig*

**Graeme Turner\***

The Discriminant and Conductor of  
Bicyclic Quartic Fields  
*Supervisor: S. Alaca*

**Georgios Tzanakis**

Covering Arrays from Maximal  
Sequences over Finite Fields  
*Supervisor: D. Panario*

**NEUROSCIENCE****Robert Gabrys**

Cognitive Flexibility in the Context of  
Stress and Depressive Disorders  
*Supervisor: H. Anisman*

**PHYSICS****Graham John Cree**

Direct Measurement of the Higgs Boson  
Mass, Natural Width, and Cross Section  
Times Branching Ratio to Four Leptons  
Using a Per-Event Lineshape in the Higgs  
to ZZ to Four Lepton Decay Channel with  
the ATLAS Detector  
*Supervisor: T. Koffas*  
Specialization in High Energy Physics

**Chad R. Hunter\***

A Study of the Prevalence of Patient  
Body Motion and Its Subsequent  
Correction by Projection Consistency  
Conditions  
*Supervisor: R. deKemp*  
Specialization in Medical Physics

**MASTER OF ARTS**

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**HUMAN-COMPUTER  
INTERACTION****Nicholas Fellion\***

A Deformation-Sensing Augmented  
Stylus

**Mark Stephen McKay\***

SpokenText Reader: Testing a Study  
Support Mobile Application for Visually  
and Learning Impaired University  
Students

**Troy Mott\***

A Cognitive Dimensions of Notations  
Evaluation of the Gwichin Place Names  
Atlas Interface

**MASTER OF COMPUTER SCIENCE**

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Carlos Alberto Aviles Galarza**

Image Stylization Using Depth  
Information for Hatching and Engraving  
Effects

**Kimberly Ruth Crosbie**

Optimal Bichromatic Plane Spanning  
Trees For Special Point Sets

**Cory Fraser\***

String Searching Using External Memory

**Sharrulatha Kathirvel Kasi Chettiar**

Co-operative Education

**Danil Kirillov\***

Clustering Spam Emails Using Hadoop  
and FP-Trees

**Duo Lu****Agustín Magrans Rico**

Energy Restoration in Mobile Sensor  
Networks in the Presence of Physical  
Obstacles

**Ramin Modarresiyazdi**

Procedural 2D Cumulus Clouds Using  
Snaxels

**Steven F. T. Porretta**

Environmental Communication  
Optimization in Underwater Acoustic  
Sensor Networks

**Ioana Alexandra Steau**

Robot Fence-Jumping Search



**Muhammad Jamshaid Khan Tareen\***  
Co-operative Education

**Zhenqin Xiao\***

**Yi Xuan Wang**  
Foraging in the Presence of Obstacles

## MASTER OF SCIENCE

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

### BIOLOGY

**Kim Birnie-Gauvin\***

Oxidative Ecology of Wild Fish:  
Investigating the Effects of Intrinsic and  
Extrinsic Factors on Oxidative Stress and  
Its Link to Life-Histories

**Chelsey Blackman\***

North American Host Range Expansion  
of an Introduced Pest, the Lily  
Leaf Beetle, *Lilioceris Lili* (Scopoli)  
(Coleoptera Chrysomelidae) and  
Potential to Attain Enemy Free Space  
from its Parasitoid, *Tetrastichus Setifer*

**Jill Brooks**

The Use of Biotelemetry in Areas of  
Concern Management in the Laurentian  
Great Lakes

**Nikolas Clyde**

Marine Nutrient Subsidies to the  
Terrestrial Environment of Common  
Eider Nesting Colonies in the Canadian  
Arctic

**Kristen Côté\***

The Role of Fluctuating Selection in  
the Maintenance of Genetic Variation in  
*Lobelia Inflata*

**Mary Daniel\***

The Effects of Penta-Brominated  
Diphenyl Ether (penta-BDE, BDE-99)  
on Human Embryonic Kidney (HEK293)  
Cells  
Specialization in Chemical and  
Environmental Toxicology

**Trevor Deley**

Collateral Sensitivity and the Evolution of  
Drug Resistance in *Escherichia Coli*  
Specialization in Data Science

**Svetlana Dolgova**

Gull Eggs as Indicators of Mercury  
Bioavailability: Application of Amino  
Acid-Compound Specific Nitrogen  
Isotope Analysis

**Minh Tam Duong\***

Response of Adult Dragonflies to Prey of  
Different Size and Colour in the Context  
of Anti-Predator Defences

**Marie-Eve Garon-Labrecque**

The Phytophagous and Predatory  
Mites (Acari) on *Prunus* (Rosaceae) in  
Southeastern Canada

**Andrew Low**

Navigating Molecular Evolution Using  
Substitution Mappings  
Specialization in Data Science

**James Austin Markell**

Accumulation of Single Nucleotide  
Polymorphism (SNP) Mutations in  
*Escherichia Coli* Grown Under Food  
Production Relevant Conditions and  
Their Importance in Outbreak Strain  
Epidemiology

**Hebah Mejbel\***

Clonal Variation: Birth Order Produces  
Life-History Diversity in the Greater  
Duckweed, *Spirodela Polyrhiza*

**Jessica Lyne Parsons\***

Phytochemical Localization and  
Fungal Inhabitants in the Fruits of Four  
Echinacea Taxa

**Casey Anne Peet-Pare\***

Mimicry in the Ultraviolet: A Predator  
Perspective

**Christopher Michael Souliere\***

A Simulation Model of the Detection  
Patterns of Birds Using Marine Radars

**Brittany Sullivan**

Dam Removal as a Tool for Restoring  
Fish Connectivity – A Literature Review  
and Field Study

**Petra Szekeres\***

Exploring the Behaviour and Physiology  
of Juvenile Bonefish (*Albula Vulpes*):  
Fundamental and Applied Perspectives

**Leena Tabaja**

Evaluation of Antimicrobial Activity of Fourteen Medicinal Basidiomycete Fungi against Yeast and Antibiotic Resistant *Escherichia Coli*

**Sam Mark Williamson\***

Epigenetic Underpinnings of Freeze Tolerance in the Goldenrod Gall Fly *Eurosta Solidaginis* and the Goldenrod Gall Moth *Epiblema Scudderiana*

**CHEMISTRY****Joshua Callahan**

The Selection of DNA Aptamers for the Prevention of Alpha-Synuclein Aggregation as a Therapeutic Tool in Parkinsons Disease

**Emma Leigh Jorgenson**

Anisotropic Nanomaterials: Silver-Copper Oxide Core-Partial Shell Nanoparticles

**McKenzie Rose Smith**

Gold Nanoparticles as a Platform for Small Molecule SELEX

**Xuhao Zhao\***

Functionality of Jerusalem Artichoke Derived Inulin in Vietnamese Coffee and Developing a Novel Food Grade Microemulsion System

**EARTH SCIENCES****Sharare Ghafoori**

Analyses of Earthquakes in the Western Quebec Seismic Zone Using Data from the United States Transportable Array

**Sara Elizabeth McPeak**

3D Imaging of Geological Scenes

**Neil Prowse**

Morphology and Sedimentology of Eskers in the Lac de Gras Area, Northwest Territories, Canada

**Dale Douglas Sprague\***

Lake Sediment Geochemistry in Northeastern Ontario; the Geologic Controls on Natural Background Variation and Investigating Lakes Contaminated with Arsenic-Rich Mine Tailings in Cobalt, ON.

**HEALTH: SCIENCE, TECHNOLOGY AND POLICY****Mona Ahmad****Mehreen Anjum****Morgan Belsek****Erika Brisson****Queena Chen****Sherry Jenna Coles****Laura Cruise O'Dell****Natalie Fersht****Vanessa Handley****Dania Koudieh****Alexandra Sarah Marshall****Hayley Grace De Marsh Miloff****Fatimah Mirza****Charles Ozzoude****Claire Pilon-Robertson****Natasha Prince****Keith D. Van Ryswyk****Makenzie Weekes****PROBABILITY AND STATISTICS, APPLIED MATHEMATICS AND PURE MATHEMATICS****Sahil Agarwal****Wasaif Alruwaele**

Asymptotic Analysis of Perturbations to Travelling Wave Solutions of Nonlinear Advection-Reaction-Diffusion Equations of Fisher Type

**Nargiz Babashli****Xiang Chen**

Cooperative Linear-Quadratic Mean Field Control and Hamiltonian Matrix Analysis

**Hani Ghazi El-Assadi****Yuan Gao****Xiaoqin Gou****Lani Haque\*****Yilin He****Fangyi Li****Jieming Liu\*****Christopher Shoniker****Olga Vladimirovna Titova****Alla Tudykhata****Zhuoyu Wang**

**Ying Wu**

**Yue Xu\***

**Jiaming Yang**

**Wei Zhang**

**Jing Zheng**

**Mengjie Zhou**

Mean Field Games with Poisson Point Processes and Impulse Control

**Ying Zhou**

Statistical Analysis of Classification Algorithms for Predicting Socioeconomics Status of Twitter Users

**Lu Zhu**

Statistical Evaluation of Malware Classification Algorithms

## NEUROSCIENCE

**Faisa Omer**

Neural Correlates of Rote Memory: Auditory Interference and Working Memory Capacity Effect Quranic Recall in Children and Young Adults Using Electroencephalography

**Samantha Lynn Santoni**

The Link Between Early Life Stress and Depressive Illness: The Mediating Role of Coping, Cognitive Flexibility, and Resilience

**Stephanie Amanda Simard\***

Cortical Astroglial Plasticity in Response to Stress and Antidepressant Treatment

## PHYSICS

**Ali-Reza Mehan Haidari\***

Retrospective Analysis of Permanent Prostate Implants Based on Patient-Specific Monte Carlo Dose Calculations  
Specialization in Medical Physics

**William Scott\***

Self-Interacting Fermionic Dark Matter with a Scalar Mediator  
Specialization in High Energy Physics

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

---

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Amy Sane**

## BACHELOR OF COMPUTER SCIENCE (HONOURS)

---

(Presented by Assistant Professor Mark Lanthier  
Associate Director Undergrad, School of Computer Science)

**Mohammed Abushawish\***

With Distinction

**Ilyas A. Ahmed**

With High Distinction  
Minor in Mathematics  
Co-operative Education

**Mohamed Alothman\***

Honours

**Jordan Taylor Amos**

Honours  
Minor in Business

**Anastasiya Andrushchak**

Honours

**Lindsay Elizabeth Bangs**

With High Distinction  
Minor in Greek and Roman Studies  
Co-operative Education

**Nathan Bielby Barton\***

Honours

**Abdul Bin Asif Niazi**

Honours  
Minor in Business

**Darcy Glenn Bottomley\***

Honours

**Zachary Chai**

With High Distinction  
Minor in Business  
Co-operative Education

**Christopher Jean Charron**  
Honours  
Co-operative Education

**Adrian Cheoreanu\***  
Honours  
Minor in Business  
Co-operative Education

**Nicholas Omer Chiasson**  
With Distinction  
Minor in Japanese  
Co-operative Education

**Kyi Moe Cho**  
With Distinction  
Co-operative Education

**Corey Anthony Cogle**  
Honours

**Cameron William Elvidge Davies\***  
Honours

**Skyler De Francesca**  
Honours

**Paul Dunsworth**  
With High Distinction  
Co-operative Education

**Malik Ehsanullah**  
Honours

**Jackson Eyres**  
Honours  
Co-operative Education

**Patricia Joanne Foster**  
With High Distinction  
Minor in Mathematics

**Kerolos Gattas**  
Honours

**Dania Ghazal**  
With Distinction

**Maxwell Goad**  
With Distinction  
Co-operative Education

**Patrick Olivier Gohard\***  
Honours  
Minor in Political Science

**Uri Gorelik\***  
Honours

**Remy Gratwohl**  
Honours

**Victoria Anne Alloggia Gray**  
Honours  
Minor in American Sign Language

**Danielle Maureen Mae Gulliver**  
Honours

**Steve Chenwei Guo\***  
With High Distinction

**Joshua Robert Hamilton\***  
Honours

**Luke David Harper**  
With Distinction  
Co-operative Education

**Andrew James Hayman**  
Honours

**Mitchell Robert Hird**  
With High Distinction  
Co-operative Education

**Arzaan Irani**  
Honours

**Taylor Jackle Spriggs**  
With High Distinction  
Minor in Mathematics

**Brett Francis Jenken**  
With Distinction  
Minor in Greek and Roman Studies  
Co-operative Education

**David Terence Johns\***  
Honours  
Minor in Physics

**Christopher Stephen Joksas**  
Honours

**Brandon Keyes\***  
Honours

**Philip Klostermann**  
With High Distinction

**Hendrik Johannes Knoetze**  
With High Distinction  
Minor in Business  
Co-operative Education

**Nicholas Lam**  
With High Distinction  
Co-operative Education

**Gilbert Lavergne-Shank\***  
With High Distinction

**Brandon Scot Leigh-Bennett**  
Honours  
Co-operative Education

**Ziqiao Charlie Li\***  
With High Distinction  
Minor in Business

**Jason Liu**  
Honours  
Minor in Business

**Bernard Gareth Llanos\***  
With High Distinction  
Co-operative Education

**Allan Joshua Luke**  
Honours

**Ibrahim Manssouri**  
Honours

**Tyler Justus McBride**  
With High Distinction  
Minor in Business  
Co-operative Education

**Alec Stuart Mcgrail**  
Honours

**Abdulrahman Mufti**  
Honours

**Dabeluchi Ndubisi**  
With High Distinction  
Minor in Japanese

**Jeffrey Adam Nehring\***  
Honours  
Co-operative Education

**Ugochi Okehi**  
Honours  
Minor in Mathematics

**Margarita Otochkina**  
Honours

**Bheesham Nauth Persaud\***  
Honours

**Jonathan Rizzo**  
Honours  
Minor in Business

**Mariam Saad**  
Honours  
Minor in Mathematics

**Devin Savage**  
Honours

**Jonathan Donald Simpson**  
Honours  
Co-operative Education

**Sean Singh\***  
With High Distinction

**Joel Sprinkle\***  
With High Distinction

**Shannon Stone**  
With High Distinction  
Co-operative Education

**Zachary Loren Stoner**  
Honours

**Eric Sylvain Therrien**  
Honours  
Minor in Mathematics  
Co-operative Education

**Kyle John Thompson**  
Honours

**Stephanie Thoumy**  
Honours  
Minor in Statistics  
Co-operative Education

**Alisa Patricia Tkaczyk\***  
Honours  
Minor in Psychology

**Mitchell Gregory Turner**  
Honours  
Minor in Mathematics

**Michael van Dyk**  
With High Distinction  
Minor in Mathematics

**Eric White**  
Honours  
Co-operative Education

**Paul Yammine**  
Honours  
Minor in Business

**Yuan Yao**  
With Distinction  
Co-operative Education

**Richard Hongyi Yin**  
With Distinction  
Co-operative Education

**Randall Colin Zeidler**  
Honours

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

---

(Presented by Assistant Professor Mark Lanthier  
Associate Director Undergrad, School of Computer Science)

**Abdulkadir Dahir Abdulkadir**

**Hyo Jun Ahn**  
Minor in Psychology  
Co-operative Education

**Emil Aite**  
Minor in Business

**Bile Ali**

**Haifa Aljasser\***

**Graydon Kevin Baylis**  
Minor in Psychology

**David Bucsa**  
Minor in Technology, Society, and  
Environment Studies

**Graham Alastair Burry (Posthumous)**

**Roman Chametka\***

**Zi Cong Chen**

**Hongjang Cho**

**Ryan Philip Dicintio**

**Francis Keiran Egan**

**Shahriar Emami\***

**Benjamin Fairclough\***

**Carolyn Fenwick**  
Minor in Business  
*With High Distinction*

**Chantal Forget**  
Minor in Women's and Gender Studies  
Co-operative Education  
*With High Distinction*

**Thomas Fraser**

**Alex Gagnon\***  
*With High Distinction*

**Abhinav Gambhir**

**Veselin Georgiev**

**Gagandeep Singh Ghotra\***

**Stephen James Giesbrecht\***  
Co-operative Education  
*With High Distinction*

**Cameron David Gilroy**

**Matthew Guzzo\***

**Jeremy Haccoun Finkelstein\***  
Minor in Psychology  
Co-operative Education

**Ali Hamed\***

**Samuel Hetzel**  
Minor in Linguistics

**Ryan Martin Hodge**  
Minor in Philosophy  
Co-operative Education

**Daniel William Homer**  
Minor in Philosophy

**Michael Hum\***  
Minor in Psychology

**Shabab Mahdiul Islam\***

**Richard Ison\***

**Khaled Jawhar\***  
Co-operative Education

**Ehsan Karami**

**Shadi Kardan\***  
Co-operative Education

**Rohit Kumar**

**Joseph Jay Lamb**

**Theodore Lopez de Castilla\***  
Minor in Business

**Lee Glenn McFaul**

**Vladimir Menshikov\***  
Minor in Japanese

**Harold-Atta Mintah\***

**Alexandre Monette**

**Reilly Austin Moore**

**Tahniat Naseem\***

**Wing Ngoy**  
Co-operative Education  
*With Distinction*

**Mark Paul**

**Nicholas Roland Proulx**

**Xin Rao\***

**Samuel Eli Rodrigue\***

**Noorulhuda Sabri**

**Syed Usman Sahir\***

**Christopher Michael Sayyeau\***  
Minor in Film Studies and Minor in History

**Uriel Schojett**

**Sana Shibani**

**Satinder Singh\***

**Oliver Snell\***

**Matthew Stone\***  
Minor in Mathematics

**Rehnuma Tarannum\***

**Vargha Tebyaniyan**

**Abhinav Thukral**

**Eric Tran\***  
Co-operative Education  
*With Distinction*

**Daniel Lee VanderVeen**

**Karan Verma**

**Patrick Vice**  
Minor in Psychology

**Chongkai Wang**

**Zhanfan Wang**

Minor in Business

**Mark Douglas Wilkes\***

**Michael Joshua Yip\***

**Kaiming Zhang\***

Minor in Japanese

**Mike Zhang**

*With Distinction*

**Marcio Zhu Kim**

Co-operative Education

## BACHELOR OF MATHEMATICS (HONOURS)

(Presented by Associate Professor David Amundsen  
Acting Director, School of Mathematics and Statistics)

**Jacob Campbell**

With Distinction  
Mathematics

**Inar Dinari\***

Honours  
Computer Science and Mathematics  
Concentration in Statistics and  
Computing

**Sara Dureckova**

With Distinction  
Mathematics  
Specialization in Stochastics

**Patrick Joseph Roma Labelle\***

With Distinction  
Statistics  
Concentration in Actuarial Science

**Faris Nour**

Honours  
Computer Science and Mathematics  
Concentration in Computing Theory and  
Numerical Methods

**Robert Opris**

Honours  
Mathematics

**Xiaoyun Pang\***

Honours  
Computer Science and Mathematics  
Concentration in Statistics and  
Computing

**Chenchen Tang**

Honours  
Statistics  
Concentration in Actuarial Science

**Xinye Wang**

Honours  
Statistics and Economics

**Zachary Donald Welch**

Honours  
Mathematics

**Randy Xing**

Honours  
Statistics and Economics  
Minor in Business

## BACHELOR OF MATHEMATICS

(Presented by Associate Professor David Amundsen  
Acting Director, School of Mathematics and Statistics)

**Michael Armanious**

Statistics

**Benjamin Burr**

Statistics

**Mary Elizabeth Harcourt Campbell**

Statistics  
Minor in Economics

**Wenwen Chen\***

Mathematics

**Andrew Philip Coombs**

Mathematics

**Tyler Anthony Golden**

Mathematics  
Minor in Economics  
*With High Distinction*

**Heather Elizabeth Gordon**

Computer Mathematics

**Jiaming Han**

Statistics  
*With High Distinction*

**Min Huang**  
Computer Mathematics

**Matthew Alexander Kotarba\***  
Mathematics

**Rachel Emily Laprade\***  
Mathematics

**Zahra'a Lezzeik**  
Mathematics  
Minor in Japanese

**Ling Yan Li**  
Statistics  
Minor in Mandarin Chinese

**Matthew Chun Lei Luk\***  
Statistics

**Sam H. Marin**  
Mathematics  
Minor in Japanese

**Timothy Aaron Scheuermann**  
Mathematics

**Ahmad Shahrouri**  
Mathematics

**Jiaxi Shen**  
Statistics  
Minor in Economics

**Theepak Sivasothy**  
Mathematics

**Chang Sun**  
Statistics

**Ziyao Tang\***  
Mathematics  
Minor in Economics

**Joanne Yip**  
Statistics

## BACHELOR OF SCIENCE (HONOURS)

(Presented by Professor Malcolm Butler  
Dean, Faculty of Science)

**Alice Abrams**  
Honours  
Environmental Science  
Concentration in Biology

**Shahd Shaker Abualsaud**  
Honours  
Earth Sciences and Physical Geography

**Yasmin Abu-Setah\***  
Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Aisha Ahmed\***  
Honours  
Food Science and Nutrition  
Minor in Earth Sciences: Earth Resources  
and Processes

**Shukri Ahmed**  
Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Magda Ali\***  
Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Mohammad Saad Al Moqbil**  
Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Ayah Alsaafin**  
With High Distinction  
Neuroscience  
Minor in Chemistry  
Co-operative Education

**Hayley Angel Marie Arts**  
With High Distinction  
Earth Sciences

**Emily June Aucoin**  
Honours  
Biology  
Concentration in Ecology, Evolution and  
Behaviour

**Onkabetse Basiteng\***  
Honours  
Food Science and Nutrition

**Ian Robert Beitz**  
With High Distinction  
Earth Sciences

**Gabriela Bernal Astrain**  
With High Distinction  
Biochemistry and Biotechnology

**Urvi Bhojoo**  
With High Distinction  
Biochemistry and Biotechnology

**Morgan Jean Birdgenaw**  
Honours  
Food Science and Nutrition



**Chelsea Elizabeth Black**  
Honours  
Integrated Science  
Concentration in Forensic Science  
Minor in Chemistry

**Darren Miquel Blackburn**  
With High Distinction  
Biology

**Michael Blackburn**  
Honours  
Biology

**Alex Blackmore\***  
Honours  
Biology

**James M. Botte**  
Honours  
Physics  
Minor in Mathematics

**Isabella Noha Boushey**  
With Distinction  
Environmental Science

**Leyla Bouti\***  
Honours  
Biology  
Minor in Neuroscience and Mental Health

**Jason Stephen Brost**  
Honours  
Neuroscience  
Co-operative Education

**Justine Marie Burnett**  
Honours  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology

**Ian Samuel Jason Byerley**  
Honours  
Biology  
Concentration in Ecology, Evolution and  
Behaviour

**Lucas John Currie Church**  
Honours  
Biology

**Mackenzie Johanna Stewart Cooke**  
Honours  
Neuroscience

**Emily Claire Cormier**  
Honours  
Environmental Science  
Concentration in Biology

**Julia Deegan Craig\***  
With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Maria Jane Albertha Creighton**  
Honours  
Environmental Science  
Minor in Biology

**Julia Louise Crump**  
Honours  
Neuroscience and Mental Health

**Gabrielle Veronica Culka**  
With High Distinction  
Integrated Science  
Concentration in Life and Health  
Sciences  
Minor in Neuroscience and Mental Health

**Miriam Daneff**  
With High Distinction  
Neuroscience

**Laurence Mitchel DaNova**  
Honours  
Earth Sciences and Physical Geography  
Concentration in Terrain Science

**Mercy Opokuaa Danquah**  
With High Distinction  
Biology  
Concentration in Physiology

**Christopher Dedek**  
With High Distinction  
Biology and Physics

**Stefanie DeFilippi**  
With High Distinction  
Food Science and Nutrition

**Jerry Demorcy**  
Honours  
Earth Sciences and Physical Geography

**Danielle Helen Derrick**  
With Distinction  
Biology  
Concentration in Ecology, Evolution and  
Behaviour  
Co-operative Education

**Gernique Vinciane Dondji Assatagou**  
Honours  
Biology  
Concentration in Health Science

**Mary Kathryn Doucette**  
Honours  
Neuroscience and Mental Health

**Kathleen Dransfield O'Brien**  
With High Distinction  
Biology  
Concentration in Ecology, Evolution and  
Behaviour  
Minor in Geomatics

**Charlene Duffett**

Honours  
Earth Sciences

**Mohamed Monir El Koussy**

With Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Krystin Morgan Elson**

With High Distinction  
Neuroscience

**Caroline Rita Faddoul**

Honours  
Food Science and Nutrition

**Mubarek Faris\***

Honours  
Biology  
Minor in Chemistry

**Qingqing Feng**

Honours  
Biology

**Kevin James Ferris\***

Honours  
Earth Sciences

**Carrie Fong**

Honours  
Environmental Science  
Minor in Chemistry

**Brittany Karen Forrest\***

Honours  
Biology  
Concentration in Health Science

**Shane Thomas Foubister**

Honours  
Earth Sciences

**Emily Jean Claire Franzgrote**

Honours  
Neuroscience  
Co-operative Education

**Nana Ekua Owarewaa Frimpong**

Honours  
Biochemistry and Biotechnology

**Janae Gallant**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Sylvia Girgis**

Honours  
Biology  
Concentration in Health Science

**Mayra Gonzalez**

Honours  
Integrated Science  
Concentration in Life and Health  
Sciences  
Minor in Psychology

**Holly Anne Gordanier**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Michelle Grenon**

With High Distinction  
Biology  
Minor in Spanish and Minor in Earth  
Sciences: Earth Resources and Processes

**Zain Al-Aabideen Haider**

With High Distinction  
Neuroscience and Mental Health

**Rami Hamati**

With High Distinction  
Neuroscience

**Mustafa Issa Hamid**

With High Distinction  
Biology  
Minor in Neuroscience and Mental Health

**Meagan Harper**

With High Distinction  
Environmental Science  
Minor in Biology and Minor in Geography

**Kaveer Hazrah**

Honours  
Earth Sciences

**Emily Victoria Hearn**

With Distinction  
Biology  
Minor in Chemistry

**Matthew Hemsley**

With High Distinction  
Physics  
Minor in Mathematics

**Nagad Hersi**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Matthew Jacob Hoekstra**

Honours  
Biochemistry

**Stephen Henry Holland**

Honours  
Biochemistry

**Julia Holuj**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Ka Wah Hilda Hoo**

Honours  
Food Science and Nutrition

**Myriam Priscilla Hoyeck**

With High Distinction  
Biology  
Concentration in Molecular and Cellular  
Biology

**Katelyn E. Hudak**

With Distinction  
Neuroscience and Mental Health

**Efosa Stacey Iyahan**

Honours  
Biochemistry and Biotechnology

**Rubendren Jamilchelvan**

Honours  
Biology and Biotechnology

**Ibrahim Asif Janjua**

Honours  
Environmental Science

**Callan Egyed Jessiman**

With High Distinction  
Physics  
Minor in Mathematics

**Alyssa Breanne Johnston**

With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Hazel Louise Kabibi**

With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Rebecca Sarah Kalinger**

With High Distinction  
Biochemistry

**Joanna Kamar**

Honours  
Food Science and Nutrition  
Minor in Psychology

**Chaya Kandegedara**

With High Distinction  
Neuroscience and Mental Health

**Gennell Shanai Kent**

Honours  
Biology  
Concentration in Health Science  
Minor in Neuroscience and Mental Health

**Mathew Earl Kent**

With High Distinction  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology

**Eloïse Madeleine Kerr**

With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Wardah Khan\***

Honours  
Neuroscience  
Co-operative Education

**Anna Kluew**

Honours  
Biology  
Concentration in Health Science

**Tanner John Koziel**

Honours  
Environmental Science

**Lauren May Krops**

Honours  
Biology  
Concentration in Physiology

**Gillian Lahey**

Honours  
Integrated Science  
Concentration in Life and Health  
Sciences  
Minor in Neuroscience and Mental Health

**Kris Chi Yin Lam**

Honours  
Neuroscience and Mental Health  
Minor in Business

**Daniel Lambert**

Honours  
Food Science and Nutrition

**Jannelle Desiree Lamontagne**

With High Distinction  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology

**Melanie Lesieur**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Iris Vivian Leung**

Honours  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology

**Theodora Ho-Yan Li**

With Distinction  
Chemistry  
Co-operative Education

**Kathryn Jean Little**

With Distinction  
Earth Sciences

- Kexin Liu**  
Honours  
Food Science and Nutrition
- Misha Lu**  
Honours  
Food Science and Nutrition
- Shannen Lee-ann Lucas**  
Honours  
Integrated Science  
Concentration in Forensic Science  
Minor in Chemistry
- Zephanie Dee Lung**  
With High Distinction  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology
- Todd Bruce Macarthur**  
Honours  
Environmental Science  
Minor in Biology and Minor in Food  
Science
- Erin Michelle Macfarlane**  
With Distinction  
Biology
- Isabelle Alexandra MacLean**  
With High Distinction  
Biology  
Concentration in Health Science
- Jacob David MacLean**  
Honours  
Earth Sciences
- Soheil Madani**  
Honours  
Biology
- Andre Skyler Mallozzi**  
Honours  
Earth Sciences  
Concentration in Geophysics
- Nesreen Mandanas**  
Honours  
Neuroscience and Mental Health
- Nimrat Kaur Manes**  
Honours  
Biochemistry
- Noah Marion**  
Honours  
Biology
- Danielle Mary Mathieson**  
Honours  
Earth Sciences  
Minor in Geomatics
- Amanda Meaghan Savannah Mattice**  
With High Distinction  
Biochemistry
- Kianna Jenrita Mau**  
With Distinction  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology
- Ryan James Maxwell**  
With High Distinction  
Biology  
Concentration in Ecology, Evolution and  
Behaviour
- Luke Pollard McCooeye**  
With Distinction  
Biology and Physics
- Sarah McGillivray**  
With High Distinction  
Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology
- Andrea Rose McIntosh**  
Honours  
Neuroscience and Mental Health  
Minor in Psychology
- Fiona McLean\***  
Honours  
Food Science and Nutrition
- Jessica Lynne McNeill**  
With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology
- Michael James Mctavish**  
Honours  
Biology  
Minor in Psychology
- Melanie Josée Michaud**  
With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology
- Christina Milani**  
With Distinction  
Neuroscience and Mental Health  
Minor in Psychology
- Christopher N. Morrison**  
Honours  
Neuroscience and Mental Health
- Paul Joseph Morrison**  
Honours  
Biology  
Minor in Earth Sciences: Earth Resources  
and Processes
- Adebiyi Mosuro**  
Honours  
Neuroscience and Mental Health  
Minor in Psychology
- Arthur Blake Mowbray\***  
Honours  
Earth Sciences

**Emily Mulligan**

With High Distinction  
Biology  
Concentration in Molecular and Cellular  
Biology

**Michael Joseph John Murphy**

With Distinction  
Environmental Science

**Jose Antonio Nimo Cabrera**

With High Distinction  
Biology and Biotechnology

**Zachary Novack**

Honours  
Earth Sciences  
Concentration in Resource Economics

**Gerald Obando**

Honours  
Integrated Science

**Erin Anne O'Hara**

Honours  
Biology  
Concentration in Health Science

**Andrew David Olejarz**

Honours  
Earth Sciences  
Concentration in Geophysics  
Co-operative Education

**Arnelle Prempeh Osei**

Honours  
Neuroscience and Mental Health

**Umberto Palumbo**

With High Distinction  
Biology  
Concentration in Health Science

**Carlo Giovanni Paolozzi**

Honours  
Chemistry  
Concentration in Nanotechnology

**Geronimo Parodi-Matteo**

With High Distinction  
Neuroscience and Mental Health  
Minor in Chemistry

**Eric Robin Perry**

Honours  
Earth Sciences

**Katherine Petrie**

With High Distinction  
Biology  
Concentration in Ecology, Evolution and  
Behaviour

**Carrington Pomeroy**

With High Distinction  
Environmental Science  
Minor in Physical Geography

**Jennifer Elizabeth Potts**

With Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Nathalie Martha Puchacz**

Honours  
Biology  
Concentration in Health Science

**Hannah Purdy**

Honours  
Food Science and Nutrition  
Minor in Neuroscience and Mental Health

**John Peter Raso**

Honours  
Environmental Science  
Minor in Geography

**Saheel Rattani-Pirbhai**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Joseph Reynolds\***

Honours  
Biology

**Danica Eryn Prazak Rice**

Honours  
Biology  
Concentration in Ecology, Evolution and  
Behaviour

**Jordan Anderson Richards**

Honours  
Biochemistry

**Ian Alexander Richter**

With High Distinction  
Biology  
Concentration in Ecology, Evolution and  
Behaviour

**Brett Roy**

Honours  
Earth Sciences  
Concentration in Vertebrate  
Paleontology and Paleoecology  
Minor in Biology

**Mackenzie Russell**

With Distinction  
Environmental Science  
Minor in Geography

**Melody Sabourin**

Honours  
Biology and Earth Sciences

**Anne-Sophie Sack**

With High Distinction  
Neuroscience  
Minor in Chemistry

**Ana Dos Santos**

With High Distinction  
Integrated Science  
Concentration in Life and Health  
Sciences  
Minor in Neuroscience and Mental Health

**Mohamed Serhan**

With Distinction  
Neuroscience and Mental Health

**Kaitlin Shears**

Honours  
Biology

**Amy C. Silver**

With High Distinction  
Neuroscience and Mental Health

**Nicole Reta Sinha**

With Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Brittini Theresa Smithson\***

Honours  
Biology

**Hosnia Ines Souley Dosso**

With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology and Minor in  
Statistics

**Riley Elaine Steele**

With High Distinction  
Integrated Science  
Concentration in Forensic Science  
Minor in Earth Sciences: Earth Resources  
and Processes

**Robert Stewart\***

Honours  
Earth Sciences  
Concentration in Vertebrate  
Paleontology and Paleoecology

**Laura Elizabeth Stokes**

Honours  
Neuroscience and Mental Health

**Brayden Randall St Pierre**

Honours  
Earth Sciences  
Concentration in Resource Economics

**Adam Thomas Taylor**

With Distinction  
Biochemistry and Biotechnology

**Aboubacar Thioye**

Honours  
Neuroscience and Mental Health  
Minor in Psychology and Minor in  
Philosophy

**Crystal Ann Elizabeth Tierney**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**Sarah Dorothy Tompkins**

With Distinction  
Neuroscience

**David Tong**

Honours  
Chemistry

**Jennifer Truong**

Honours  
Neuroscience

**Flagot Tsige\***

Honours  
Food Science and Nutrition

**Ian Vandergeest\***

Honours  
Earth Sciences

**Erin Patricia Vanzyl**

With High Distinction  
Biology  
Concentration in Molecular and Cellular  
Biology  
Minor in Psychology

**Colin Venus**

Honours  
Chemistry

**Robyn Margaret Vezina**

Honours  
Earth Sciences

**Rebekah Vice**

Honours  
Earth Sciences  
Concentration in Vertebrate  
Paleontology and Paleoecology  
Minor in Biology

**Yaalini Vishnu**

Honours  
Neuroscience and Mental Health  
Minor in Psychology

**David Cong Vo**

Honours  
Food Science and Nutrition

**Farah Wahbeh**

With High Distinction  
Neuroscience and Mental Health  
Minor in Psychology

**Caleb Wahl**

With High Distinction  
Chemistry  
Minor in Mathematics

**Mallory Elizabeth Walters**

With High Distinction  
Food Science and Nutrition  
Minor in Biology

**Kevin Grant Watson**

Honours  
Biochemistry  
Co-operative Education

**Lily Charlotte Weber\***

Honours  
Biology  
Minor in Neuroscience and Mental Health

**Steven Wheeler**

Honours  
Environmental Science  
Concentration in Earth Sciences

**Marina White**

With Distinction  
Neuroscience and Mental Health

**Regan White**

Honours  
Biology

**Edgar Thomas White-Buenger**

Honours  
Biochemistry

**Brittany Wiles**

Honours  
Neuroscience and Mental Health

**Ezekiel Williams**

With High Distinction  
Neuroscience and Mental Health

**Natasha Wills-Ibarra**

With Distinction  
Neuroscience and Mental Health  
Minor in Psychology  
with Study Term Abroad

**Karly Wilson**

Honours  
Food Science and Nutrition  
Minor in Biology

**Mackenzie Gordon Wilson**

With High Distinction  
Biology and Biotechnology

**Miao Yu**

Honours  
Biochemistry

**Wenyu Zhang**

Honours  
Computational Biochemistry

**BACHELOR OF SCIENCE (MAJOR)**

(Presented by Professor Malcolm Butler  
Dean, Faculty of Science)

**Maria Patricia Acuna**

Neuroscience and Mental Health

**Yewande Abike Akinyemi**

Biology  
Minor in Neuroscience and Mental Health

**Hiba Aldoboni\***

Biochemistry  
Minor in Psychology

**Melissa Anne Andrew\***

Biology  
Minor in Neuroscience and Mental Health

**Christopher Matthew Shean Benell**

Neuroscience and Mental Health

**Brianna Christina Blight**

Biology  
Minor in Geography

**Marie-Michelle Bordeleau\***

Biology  
*With Distinction*

**Patrick Bourgon\***

Environmental Science

**Sierra Mackenzie Brennan\***

Neuroscience and Mental Health

**Lindsay M. Brown**

Neuroscience and Mental Health  
Minor in Biology and Minor in Psychology

**Luke Charlebois**

Earth Sciences  
Minor in Archaeology and Minor in  
Geomatics

**Naeem Ahmad Chaudhary**

Biochemistry

**Taylor Kathleen Cleland**

Neuroscience and Mental Health

**Massimo Conte**

Biochemistry

**Ama Adokarley Darku\***

Biology  
Minor in Psychology and Minor in  
Neuroscience and Mental Health

**Kristin Marie Davis**  
Neuroscience and Mental Health  
Minor in Chemistry  
*With Distinction*

**Antonio Alfonso De Lauri**  
Biology

**Michael John Allen Deslaurier**  
Biochemistry

**Wade Mitchell Dickie**  
Neuroscience and Mental Health  
Minor in Biology

**Laura Elliott**  
Earth Sciences

**Deinyefa Eporwei**  
Earth Sciences

**Shania Nushara Fernando**  
Neuroscience and Mental Health

**Tanya Tabasom Gill**  
Earth Sciences  
Minor in Chemistry

**Savannah Chanelle Gulyas**  
Neuroscience and Mental Health

**Andrew Roland Lee Hill**  
Earth Sciences

**Kaitlin Alexandra Hum\***  
Neuroscience and Mental Health  
Minor in Psychology

**Thivanka Imal Jayanetti**  
Neuroscience and Mental Health  
Minor in Psychology

**Fidan Karimli**  
Environmental Science

**Ruth Kimo Musa\***  
Neuroscience and Mental Health  
Minor in Psychology

**Colin James Knapik**  
Biochemistry

**Carly Rebecca Ladd**  
Earth Sciences

**Nyibol Lual**  
Neuroscience and Mental Health

**Sara Macanovic**  
Neuroscience and Mental Health  
Minor in Biology

**Adam Daniel Brian Maurice**  
Biochemistry

**Devin McIntyre\***  
Physics

**Kirsten Emily McKay**  
Environmental Science

**Mary McPherson**  
Neuroscience and Mental Health

**Sydney Miezitis**  
Biochemistry

**Christopher Milan**  
Biochemistry

**Sarah Olenic**  
Biology

**Efstathios Orfanidis**  
Biochemistry

**Alixandra Peever**  
Biology  
*With Distinction*

**Virginia Daria Song Penner**  
Biology  
Minor in Psychology  
*With High Distinction*

**Hayley Purcell\***  
Environmental Science

**Eric Rayner\***  
Environmental Science  
Minor in Biology

**Shelby Anne Reaburn**  
Biology  
Minor in Psychology

**Manpreet Singh Rehal**  
Physics

**Brittaney Roach**  
Neuroscience and Mental Health  
Minor in Psychology

**Daniela Elena Sablinskas**  
Neuroscience and Mental Health  
Minor in Psychology

**Gianfranco Savone**  
Neuroscience and Mental Health  
Minor in Psychology

**Diana Shaklya\***  
Biochemistry

**Kunal Sharma**  
Biochemistry

**Lawren Sullivan**  
Environmental Science

**Medha Sunil**  
Neuroscience and Mental Health

**Cody James Thickins**  
Biochemistry

**Julie Vaillancourt**  
Environmental Science  
Minor in Geomatics



**Jessica Rachel-Lee Wilkinson\***  
Neuroscience and Mental Health  
Minor in Psychology

**Jonathan Thomas James Wilson**  
Environmental Science  
Minor in Biology

**Tracy Hoden Yusuf**  
Neuroscience and Mental Health  
Minor in Psychology

## **BACHELOR OF SCIENCE**

(Presented by Professor Malcolm Butler  
Dean, Faculty of Science)

**Sheila Barter**  
Earth Sciences

**Monica Black\***  
Biology

**Jillian Catherine Bonnell**  
Biology

**Alanah Bonvie**  
Biology

**Alexander J. Bowley\***  
Chemistry

**Andres David Cabra Rozo\***  
Chemistry

**Kwok Kwan Chan\***  
Biology

**Tony Chan\***  
Biology

**Eliza Jane Charbonneau\***  
Biology

**Lexxi Rebecca Clement**  
Earth Sciences  
Minor in Physical Geography

**Jacqueline Couture**  
Biology  
Minor in Earth Sciences: Earth Resources  
and Processes

**Hassan El-Saadi**  
Biology

**Megan Evans**  
Neuroscience and Mental Health  
*With High Distinction*

**Elsie Eyking**  
Biology  
Minor in Psychology

**Kyle Henry Fournier**  
Chemistry  
Minor in Biology  
*With Distinction*

**Andrew Spencer Gaul\***  
Integrated Science  
Concentration in Science Education

**Mohamed Gharib**  
Earth Sciences

**Darren Michael Graham**  
Biology  
*With High Distinction*

**Kyle Anton Spencer Hibbert\***  
Biology  
Minor in Psychology

**Stephen Holoshka**  
Chemistry  
Minor in Mathematics

**Razan Jaamour\***  
Biology

**Karen Jiron**  
Chemistry

**Prabhjot Singh Kooner**  
Biology

**Nataliya Krushkova**  
Chemistry

**Samantha L. Frida Kuszel\***  
Biology

**Daryl Lamoureux\***  
Integrated Science

**Alexandra Madej\***  
Biology

**Jocelyn Maher\***  
Biology

**Brendan Mccarthy**  
Biology

**Sean McMullan**  
Biology

**Simile Mdladlana**  
Integrated Science

**Jenny Lee Miller**  
Biology

**Peter John Morlock**  
Biology

**Madeleine Mowat-Carment**  
Biology

**Marcus Nicoletta**  
Chemistry  
Minor in Statistics

**Scott Chen Min Ong\***  
Biology

**Jeffery Powell**  
Chemistry

**Dylan Eric Price**  
Neuroscience and Mental Health

**Hannah Mary Rynard**  
Biology

**Patrick Joseph Wolff Serafini**  
Biology  
*With High Distinction*

**Rachel Sheehan**  
Neuroscience and Mental Health

**David George Shumborski**  
Neuroscience and Mental Health

**Rachel Holly Whitehorne Siddall**  
Biology

**Hayley Trumper\***  
Biology

**Mitchell Yoong\***  
Biology

## **BACHELOR OF ARTS (HONOURS)**

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(Presented by Professor Malcolm Butler  
Dean, Faculty of Science)

**Omar Al-Juboori**  
Honours  
Biology

**Julia Paula Bobiak**  
Honours  
Biology  
Minor in Psychology

**Hannah Elizabeth Kroecker Hobbs**  
With Distinction  
Biology  
Minor in Neuroscience and Mental Health

**Karl Andrew Ian Loeffler-Henry**  
Honours  
Biology

**Veronica Miranda Zuccala**  
Honours  
Biology  
Minor in Neuroscience and Mental Health  
and Minor in Psychology

## **BACHELOR OF ARTS**

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(Presented by Professor Malcolm Butler  
Dean, Faculty of Science)

**Tamara Bogunovic**  
Biology

**Alain Marc Feeny**  
Biology

**Annette Fry**  
Biology  
Minor in Psychology

**Frank Nabumera Kayeye**  
Biology

**Priyanka Nagasubramanian**  
Biology  
Minor in Psychology

**Emma Louise Terrell**  
Biology



## AFTERNOON CEREMONY

Tuesday, June 13, 2:00 p.m.

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

## HONORARY DEGREE RECIPIENTS

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### Robert Wyatt



Robert Wyatt will be awarded the degree of Doctor of Laws, *honouris causa*, at the 2:00 p.m. ceremony on Tuesday, June 13, "in recognition of his thoughtful leadership in philanthropic innovation and careful custodianship of volunteer agencies."

He joined The Muttart Foundation as executive director in 1989, after a career in journalism, public relations and government relations. For more than 20 years, he has worked on issues related to the regulation of charities. He has initiated processes by which the sector and government are able to use problem-solving techniques to resolve issues of mutual concern.

He served as co-chair of the Joint Regulatory Table, a part of the unique Voluntary Sector Initiative created by the federal government.

He has served on the boards of a number of organizations, including Philanthropic Foundations Canada and Imagine Canada. He was co-editor of a just-launched book examining charity regulation in five common-law countries. He has been honoured with the Alberta Centennial Medal and the Queen's Diamond Jubilee medal.

# ORDER OF PROCEEDINGS

## Afternoon ceremony

**Tuesday, June 13, 2:00 p.m.**

Chancellor Charles Chi, *B.Eng.*, 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

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

Ross Davison (bagpipes)

James Bush (snare drum)

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

Performed by Malak Ghanem

Opening Ceremony

Elder Jo McQuarrie

Métis Nation

Introduction by the Master of Ceremonies

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

Vice-President (Research and International)

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

Robert Wyatt

(Presented by Susan Phillips, *B.A., M.A., Ph.D.*,

Professor, School of Public Policy and Administration)

Convocation Address

Robert Wyatt

Executive Director, The Muttart Foundation

Conferring of Degrees and Awarding of Medals

Warrant

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

Marshal of Convocation

Conferring of the Founders Award upon

Elder James Albert, *B.Sc., M.S.W., Ph.D.*

(Presented by Louise Hayes, *B.J., M.A.*, President, Carleton University Alumni Association)

Star Blanket Ceremony\*

Presented by Summer Twenish; Honour Song by Laura Gagnon

Welcome from the Alumni Association

Chancellor Charles Chi

Closing Address by the President and Vice-Chancellor

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

Recessional Music

\* Our Founders Award recipient, Elder James Albert, will be presented with a Star Blanket to honour his accomplishments and to say *kitchi-migwech* (a big thank you) for supporting the Carleton community and beyond. The blanket is placed on an individual's shoulders, and is symbolic of wrapping the person physically and spiritually in respect and admiration.

Star Blankets are used at a time of life-changing events such as births, deaths, graduations and marriages. The star on the blanket represents the morning star, a symbol of a new beginning and shining leadership. For many Indigenous peoples in Canada, stars are used as teachings and blessings; they symbolize light (knowledge) and darkness (ignorance).

For Indigenous students attending Carleton and all Indigenous students pursuing their education, the morning star lights the path for communities and nations, and signifies that hope for their future is bright.

The gifting of the Star Blanket will be followed by an Honour Song for Dr. Albert. An Honour Song is sung to honour a particular person or persons who have done something noteworthy. While all Honour Songs have a similar purpose, each song is unique to honour the person or persons.

## DOCTOR OF PHILOSOPHY

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

### ECONOMICS

**Marie-Hélène Felt\***

Three Essays on Identification and  
Estimation using Sample Combination in  
a Missing Data Context  
*Supervisors: M. Voia and K. Huynh*

### POLITICAL SCIENCE

**Chantal Wei-Ying Clément\***

The New Governance of Sustainable  
Food Systems: Shared Insights from Four  
Rural Communities in Canada and the EU  
*Supervisor: P. Andree*

**Daryl Kaytor\***

On the Kinship of Shakespeare and Plato  
*Supervisor: W. Newell*

**Jack Adam MacLennan\***

From Protection to Policing: Military  
Air Power and the Governance of  
Humanitarian Crises, 1992-2011  
*Supervisor: H-M Jaeger*

**Mathew Nelson (Posthumous)**

Race, War and Bio-Power: A Political  
Genealogy of State-Racism in Canada  
*Supervisor: W. Walters*  
Specialization in Political Economy

**Ajay Roshan Parasram**

Becoming the State: Territorializing  
Ceylon, 1815-1848  
*Supervisor: H-M Jaeger*  
Specialization in Political Economy

**Ugur Yildiz**

Tracing Asylum Journeys: Transnational  
Refugee Mobility to Canada via Turkey  
*Supervisor: W. Walters*

## MASTER OF ARTS

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

### ECONOMICS

**Dhieu Ajang**

Concentration in Financial Economics

**Temitope Yewande Akashoro**

Specialization in Data Science

**Zheng Bian**

Concentration in Financial Economics

**Ramandeep Brar**

Concentration in Financial Economics

**Christopher Cheng**

**Christopher Collins**

Concentration in Financial Economics

**Robert Embree**

**George Flerovsky**

Specialization in Data Science

**Yao Gu**

Concentration in Financial Economics

**Jing Han**

Concentration in Financial Economics

**Xin Liu**

Concentration in Financial Economics

**Michael Roland Machum**

**David Joseph Mayer**

**Margot McComb**

**Scott McNeil**

Specialization in Data Science

**Amanda Mirizzi**

Concentration in Financial Economics

**Hanif Pabani**

Concentration in Financial Economics

**Lei Pang**

Specialization in Data Science

**Jennifer Clare Paulenko**

Specialization in Data Science

**Shaowei Pu**

Specialization in Data Science

**Sepideh Taherkhani**

**Genevieve Vallee**

Specialization in Data Science

**Zhuoran Wang**

Concentration in Financial Economics

**Owen Matthew Woodger**

New Perspectives on Long Stay Patients  
in the Pediatric Intensive Care Unit:  
Definition, Characteristics and Impact

**Chengfeng Xu**

**Zihan Xu**

Concentration in Financial Economics

**Siqi Yu**

Concentration in Financial Economics

## **POLITICAL ECONOMY**

**Michael Ofori Anim**

Specialization in African Studies

**Charlotte Caza**

**Sean Ian Green Colby**

**Garrett Halas**

Securing the Economy and Economizing  
Security: An Analysis of Material  
Influences Underpinning Canada's  
Position on the Israel-Palestine Conflict

**Theo James William Hug**

It Doesn't Always do Justice to People:  
Neoliberalism's Reorganization of Social  
Service Delivery in Ontario

**Nadia Ibrahim**

**Madeleine Nadeau**

**Kayleigh Emma Michelle Thompson\***

A War for a Foreign Woman Gender,  
Power and Economic Tension in Negril

## **POLITICAL SCIENCE**

**Diane Abounehme**

**Leila Nassetou Bamba**

Specialization in African Studies

**Dimitri Bazos\***

**Lana Lee Borenstein**

**Benjamin Gilbert Bouwer**

**David Castillo Perez**

**Marcus Charlesworth**

Heidegger, Houellebecq and The Present  
Age of Disenchantment: A Philosophical  
Analysis of the Rise of the Fronte  
Nationale

**Rachel Delaat**

**Roselyn Fernandes**

Co-operative Education

**Betel Maria Hailu**

**Fawn Leslie**

**Christopher Melsted**

**Scott Nordlund**

Co-operative Education

**Benjamin Luke Woodfinden**

Hobbes, Locke, and the Theological  
Foundations of the State of Nature

## **MASTER OF SOCIAL WORK**

(Presented by Professor Matthias Neufang  
Dean, Faculty of Graduate and Postdoctoral Affairs)

**Mackenzie MacBride Ells**

**Julie Leigh Eva Harper\***

**Michelle Selena Nelson-Barrett\***

**Jennifer Anne Rothney**

**Hatav Shalileh**

Labour Market Transition: Barriers and  
Supports for First Generation Immigrant  
and Refugee Youth

**Ida Zanon**



## BACHELOR OF ARTS (HONOURS)

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

### **Benjamin Abdel-Messih\***

Honours  
Political Science  
Concentration in Public Affairs and Policy  
Analysis

### **Leen Abdelqader**

Honours  
Political Science  
Concentration in International Relations

### **Nidhal Ahmed Abubakar**

Honours  
Political Science  
Concentration in Public Affairs and Policy  
Analysis

### **Blandine Affricot\***

Honours  
Political Science  
Concentration in International Relations  
Co-operative Education

### **Hasan Jamil Bin Ahsan**

Honours  
Applied Economics  
Concentration in Financial Economics

### **Salih Raid Salih Al-Bayti**

Honours  
Economics  
Minor in Mathematics

### **Fahd Alhattab**

Honours  
Political Science  
Minor in Economics

### **Omar Alnajjar\***

Honours  
Applied Economics  
Concentration in Financial Economics

### **Raghad Amoud**

Honours  
Political Science  
Concentration in International Relations  
Minor in Law

### **Justin Andeel\***

Honours  
Economics  
Concentration in Financial Economics  
Minor in Business

### **Rhoda Appiah**

Honours  
Applied Economics  
Concentration in Financial Economics  
Minor in Business

### **Michael Anthony Armstrong**

Honours  
Applied Economics  
Concentration in Financial Economics

### **John Leonard Arnott**

With Distinction  
Political Science  
Minor in French

### **Jeremy Daniel Azangi-Mbutu**

Honours  
Political Science  
Concentration in International Relations  
Minor in Economics

### **Reema Bakshi**

With Distinction  
Global Politics  
Minor in Philosophy

### **Paola Biramvu**

Honours  
Political Science  
Concentration in International Relations

### **Laura Jane Brouwer**

Honours  
Applied Economics  
Minor in Business and Minor in French

### **Daniel Peter Leo Brown\***

Honours  
Political Science  
Minor in Business

### **Edward George Burrows**

Honours  
Economics  
Minor in Mathematics  
Co-operative Education

### **Amarilis Kori C. Calderon Chilquillo**

Honours  
Applied Economics

### **Mirela Cavrag**

Honours  
Political Science  
Concentration in International Relations

### **Matthew Clark**

Honours  
Political Science

### **Irwin Cortez**

Honours  
Political Science  
Concentration in Canadian Politics and  
Concentration in North American Politics

**Brent Joseph Royal Dagenais**

Honours  
Political Science  
Concentration in International Relations

**Roshan Joseph Daniel**

Honours  
Global Politics

**Ralph Jr. Kweku Konadu Dartey\***

Honours  
Political Science  
Concentration in Public Affairs and Policy  
Analysis  
Minor in French

**Emily Delorme**

With Distinction  
Political Science  
Concentration in Public Affairs and Policy  
Analysis  
Minor in Business  
Co-operative Education  
with Study Term Abroad

**Anita Dernovici\***

Honours  
Political Science  
Concentration in International Relations  
Minor in Law  
with Study Term Abroad

**Balmeet Singh Dhaliwal**

Honours  
Political Science

**Omar Adam Doreh**

Honours  
Political Science

**Blake Wallis Duffy**

Honours  
Political Science  
Concentration in International Relations

**Jacob David Dyck**

Honours  
Economics  
Concentration in Financial Economics

**Addison Eady\***

Honours  
Political Science

**Alexander Douglas Edwards**

Honours  
Applied Economics

**Hesham Tarek Ellisy**

Honours  
Economics

**Ahmad El-Tannir\***

Honours  
Political Science  
Concentration in International Relations

**Eboshogwe Oshokhayameh Enemaku**

Honours  
Applied Economics

**Waleed Bin Faisal**

Honours  
Political Science  
Concentration in International Relations

**Mabel Fang**

Honours  
Political Science  
Concentration in International Relations  
Minor in Business

**Hadi Farsi\***

With High Distinction  
Applied Economics  
Concentration in Financial Economics  
Minor in Business

**Tarek Fattah**

Honours  
Political Science  
Minor in Law

**Brandon Filatow**

Honours  
Political Science  
Concentration in International Relations  
Minor in French

**Ramona Filip**

Honours  
Applied Economics  
Minor in Business and Minor in Spanish

**Arinola Folabi-Owolabi**

With High Distinction  
Political Science  
Concentration in International Relations

**Jessica Gamarnik**

Honours  
Economics  
Minor in Political Science

**Alana Gerus**

Honours  
Political Science  
Concentration in International Relations

**Nada Elsayed Ghania\***

Honours  
Political Science  
Concentration in International Relations

**Erika Ann Gillson\***

Honours  
Political Science  
Concentration in International Relations

**Jillianne Gorospe**

Honours  
Applied Economics

**Corey Quinn Grant\***

Honours  
Political Science  
Concentration in Public Affairs and Policy  
Analysis

**Nikolas Gzyl**

Honours  
Political Science

**Feven Micael Habte**

Honours  
Applied Economics  
Minor in Psychology

**Jamyn Dawn Harder**

Honours  
Political Science  
Concentration in International Relations

**David Ian Hendry**

Honours  
Applied Economics  
Minor in Business

**Patrick Hickey**

Honours  
Applied Economics

**Zuhair Housawi\***

Honours  
Applied Economics

**Jieying Huang**

With High Distinction  
Economics  
Minor in Statistics

**George Hum\***

With High Distinction  
Political Science  
Concentration in International Relations

**Shaneabbas Jagani**

Honours  
Applied Economics  
Concentration in Financial Economics  
Minor in Entrepreneurship

**Yu Jiang**

Honours  
Applied Economics

**Albert Douglas Johnson**

With Distinction  
Global Politics

**Vanessa Justin**

Honours  
Political Science  
Concentration in International Relations  
Minor in African Studies

**Desislava Mladenova Katelieva**

Honours  
Economics  
Concentration in Financial Economics

**Fahad Maher Raf Khalaf\***

Honours  
Applied Economics

**Wasem Khir\***

Honours  
Political Science  
Minor in Canadian Studies

**Ivan Kochlan**

With Distinction  
Economics  
Concentration in Natural Resources,  
Environment and Economy  
Minor in German

**Esther Ayobami Komolafe**

Honours  
Political Science  
Concentration in International Relations

**Simo Krsmanovic**

Honours  
Political Science  
Concentration in International Relations  
Minor in Spanish

**Dalia Kubba**

Honours  
Economics  
Minor in Business and Minor in Statistics

**Julie Lam\***

Honours  
Economics

**Mengqi Li**

Honours  
Applied Economics  
Minor in Computer Science

**Siming Li**

Honours  
Applied Economics

**Lun Fai Patrick Liang\***

Honours  
Applied Economics

**Samantha Marjorie L. Lindsay\***

Honours  
Economics  
Minor in Business  
Co-operative Education

**John MacLaughlan**

With High Distinction  
Political Science

**Rahan Masood**

Honours  
Applied Economics  
Minor in Business

**Cynthia Onyinye Mbala**

Honours  
Political Science  
Concentration in International Relations

**Eilish Julia Lenore McDermott\***

Honours  
Political Science  
Concentration in Political Theory

**Cailin Heather McDowell**

Honours  
Political Science

**Kaleigh McIntosh\***

With Distinction  
Political Science  
Concentration in International Relations  
Minor in History  
Co-operative Education

**Gueorgui Mikhailov**

With Distinction  
Political Science  
Concentration in International Relations  
Co-operative Education

**Jonathan Charles Miller\***

With High Distinction  
Political Science

**Nikola Milutinovic**

Honours  
Economics  
Minor in Law  
Co-operative Education

**Bilal Mohamed**

Honours  
Applied Economics

**Natalie Safiyan Mohamed\***

Honours  
Political Science  
Concentration in International Relations  
Minor in French

**Erica Linda Morissette**

Honours  
Political Science  
Concentration in International Relations

**Kristen Janie Morton\***

Honours  
Political Science  
Concentration in International Relations  
Minor in Law

**Ioana Muncaciu**

Honours  
Economics  
Concentration in Financial Economics

**Abdul Muqadim**

Honours  
Applied Economics  
Concentration in Financial Economics

**Sara Patricia Grace Myers\***

Honours  
Political Science  
Minor in Business

**Lilian Jacent Nakiyemba**

Honours  
Political Science  
Concentration in Public Affairs and Policy  
Analysis

**Ndabezinhle Ncube**

Honours  
Economics  
Concentration in Financial Economics  
Minor in Business

**Rumya Nithiananthan**

With High Distinction  
Political Science  
Minor in French and Minor in Spanish  
Co-operative Education

**Rustam Novoselov\***

Honours  
Economics  
Concentration in Financial Economics

**John Liam Nowlan**

Honours  
Political Science

**Titilope Orebiyi\***

Honours  
Economics

**Oluwabamise Adesua Osemobor**

Honours  
Political Science  
Concentration in International Relations

**Lauren Ott**

Honours  
Political Science  
Concentration in International Relations  
Minor in History

**Sabrina Parboodial**

Honours  
Political Science  
Concentration in International Relations  
Minor in Law

**Haozhe Peng**

Honours  
Economics  
Concentration in Financial Economics

**Tamara Persaud**

Honours  
Economics  
Minor in Statistics

**Jared Phillips**

Honours  
Political Science  
Minor in Geomatics

**Melinda Kaur Rai**

Honours  
Political Science  
Minor in Philosophy

**Nicole Kathleen Reddering\***

Honours  
Political Science  
Concentration in International Relations

**Surya Sarkar-Huot**

With Distinction  
Political Science  
Minor in Philosophy and Minor in  
Sociology

**Rima Shikh Hassan**

Honours  
Applied Economics  
Concentration in Financial Economics

**Stephanie Victoria Siu**

Honours  
Political Science  
Minor in History

**Hana O. Sosnovski\***

Honours  
Political Science  
Concentration in International Relations  
and Concentration in Public Affairs and  
Policy Analysis

**Gabriel Spector**

Honours  
Economics  
Concentration in Financial Economics  
Minor in Political Science

**Christian Splinter**

Honours  
Political Science  
Concentration in International Relations  
Minor in Law

**Weili Su\***

Honours  
Applied Economics  
Minor in Business

**Abdulrazak Sultan**

Honours  
Applied Economics  
Concentration in Financial Economics  
Minor in Business

**Marko Surla\***

Honours  
Applied Economics

**Mackenzie Danielle Veitch**

Honours  
Applied Economics  
Minor in Statistics

**Sarah Walsh**

With High Distinction  
Political Science  
Minor in French  
Co-operative Education  
with Study Year Abroad

**Senga Wamwenga**

Honours  
Political Science  
Concentration in International Relations

**Kuan-Chuan Wang**

Honours  
Political Science  
Concentration in International Relations  
Minor in Economics

**Si Bo Wang**

Honours  
Applied Economics  
Concentration in Development  
Minor in Statistics

**David Peter Woods**

Honours  
Political Science

**Yuan Xue**

Honours  
Applied Economics

**Jingchen Yao**

Honours  
Applied Economics  
Minor in Business

**Kazuki Yokota**

Honours  
Political Science  
Concentration in International Relations  
Minor in History

**Lijia Zhang**

Honours  
Political Science  
Concentration in International Relations  
with Study Term Abroad

## BACHELOR OF ARTS

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

**Oloruntoba Adebade Abolarin**

Economics  
Minor in Psychology

**Ahmad Abou Chahine\***

Political Science

**Omar Akhtar**

Economics

**Sultan Albugami\***

Economics

**Almuatasem Alemari**

Economics

**Sara Al-Saadi**

Economics

**Khalid Altay**

Economics

**Saleh Alyami\***

Economics

**Emily Jane Andrechuk\***

Political Science  
Minor in German

**Dallas Edward Arthurs-Ohl**

Political Science  
Concentration in International Relations  
Minor in European and Russian Studies

**Mario Badr\***

Political Science

**Omar Badr**

Economics

**Dylan Barber\***

Economics

**Liam Masami Bigham**

Economics

**Ryan Gordon Bochert\***

Political Science  
Minor in History

**Drew Briscoe-Casiple**

Economics

**Dennis Burnside**

Political Science

**Zhuoyang Cai\***

Economics

**Ziyang Cai**

Economics

**Ming Cao**

Economics

**Yingyu Chen\***

Economics

**Ian CoKehyeng**

Economics  
*With Distinction*

**Devon Colquitt**

Economics

**Michael Cybulski**

Political Science  
Concentration in International Relations  
Minor in Psychology  
*With Distinction*

**Lindsay Kate Davis**

Political Science  
Minor in Communication and Media  
Studies

**Kuljit Singh Dhami\***

Economics

**Tomas Dvoracek\***

Political Science  
Concentration in International Relations

**John William Nuttall Elliott\***

Political Science

**Ebueme Ebueme Ezikpe\***

Political Science  
Concentration in International Relations

**Thomas Farrell**

Political Science  
Minor in Indigenous Studies

**Boris Vladimir Fishman**

Economics

**Christopher Michael Frail**

Political Science  
Minor in History

**Daiping Fu**

Economics  
Minor in Japanese

**Zhongxiu Fu**

Economics  
Minor in Japanese

**Thomas Alexander Golka**

Political Science  
Minor in History

**Kimberlyn Gracey**

Political Science  
Concentration in International Relations

**Anbo Gu**  
Economics

**Braden Harrison**  
Political Science  
Minor in History

**Tyler Hearty**  
Political Science

**Ghalib Hemnani\***  
Economics

**Boyang Hu\***  
Economics

**Jing Hu\***  
Economics

**Shan Huang\***  
Economics

**Monia Ingabire**  
Political Science

**Mujtaba Iqbal**  
Political Science

**Darren Jette\***  
Economics

**Tyler Reed Johnson**  
Economics

**Annick Pauline Julien\***  
Political Science

**Rohat Kaya**  
Economics

**Basillio Kim**  
Political Science

**Jae In Kim**  
Economics

**Andrew Franklin Knautz**  
Economics

**Mikolaj Leesinsky\***  
Economics

**Alastair Leigh**  
Economics

**Hanjin Li**  
Economics

**John A. Limoges**  
Economics

**Craig Linscott**  
Political Science

**Chang Liu**  
Economics  
Minor in Psychology

**Ze Liu**  
Economics

**Avery Sophie May Lockey**  
Economics

**Mitchell Steven Loyal**  
Economics

**Zahra Mana**  
Political Science

**Bradley Michael Martin\***  
Political Science

**Dexter William Martin**  
Economics

**Katherine Ann Martin\***  
Political Science

**Osama Moalimishak**  
Economics

**Shakir Moalimishak**  
Political Science

**Jonathan Mozel**  
Political Science  
Minor in History

**Mohammad Nasr\***  
Economics

**Casey Nontell**  
Political Science

**Ryan Kojo Boye Ofei**  
Political Science

**Seamus O'Toole**  
Political Science  
Minor in History

**Taiwo Temitope Owolabi**  
Economics

**Soeun Park**  
Economics

**Jialei Pei\***  
Political Science

**Justin Robert Proulx**  
Economics

**Hanjing Qian**  
Economics

**Siqi Qu**  
Economics

**Khairul Anam Rahat\***  
Economics

**Navdeep Randhawa**  
Economics

**Taylor Richardson\***  
Economics

**Mohssin Sadek Nury**  
Political Science  
Minor in Law

**Jejelola Olawunmi Salami**  
Economics  
Minor in Law

**Najab Saleem**  
Economics

**Ahmed Salem**  
Economics

**Leshani Samaradiwakara**  
Economics  
Minor in Psychology and Minor in  
Sociology

**Benjamin Anthony Savage**  
Political Science  
Minor in History

**Halid Adam Sefic**  
Political Science

**Kelvin Sgaw**  
Economics  
Minor in Statistics

**Richard Skrzepa**  
Political Science

**Lisa Ann Soehner\***  
Economics

**Yueh-Chang Su\***  
Economics  
Minor in Japanese

**Haoqi Sun\***  
Economics

**Ahsan Syed**  
Economics

**Dora Marie-Noël Tarkang**  
Political Science  
Concentration in International Relations  
Minor in African Studies

**Chukwumaijem Kenechukwu Udogu**  
Political Science

**Esin Uner**  
Economics

**Ian Alexander van Gemert**  
Economics

**Jack Owen Walker**  
Political Science

**Tyler Walker\***  
Political Science

**Laiyao Wang**  
Economics

**Ningna Wang\***  
Economics

**Xinyi Wang\***  
Economics

**Warwick Charles Watson\***  
Economics  
Minor in Law

**Jiayu Weng**  
Economics

**Joshua Robert Wittkie\***  
Political Science  
Minor in History

**Xinxuan Wu\***  
Economics

**Yang Wu\***  
Economics

**Fei Xie**  
Economics

**Wenhan Xu**  
Political Science  
Concentration in International Relations

**Luyue Yang**  
Economics

**Meng Yang\***  
Economics

**Hao You**  
Economics

**Bingxian Yu\***  
Economics

**Xin Yu\***  
Economics  
Minor in Mathematics

**Yuzheng Yue**  
Economics

**Reda Zarrug**  
Political Science

**Jia Hao Zhang**  
Economics

**Huanyao Zhou**  
Economics

**Yi Chun Zhou**  
Economics



## **BACHELOR OF SOCIAL WORK**

(Presented by Associate Professor Gerald deMontigny  
Director, School of Social Work)

**Sarah Agulnik**  
With High Distinction

**Petra Millicent Amoako**  
Honours

**Jori Armishaw**  
Honours

**Joshua Bauer**  
With High Distinction

**Brianna Alyssa Beck**  
With Distinction  
Minor in Psychology

**Emily Elizabeth Kathleen Bohusz\***  
Honours  
Minor in Disability Studies

**Kathleen Mary Bouchard**  
Honours  
Minor in Sociology

**Deidre Ryleigh Morgan Brooks**  
Honours  
Minor in Psychology

**Megan Jennifer Burwash**  
Honours  
Minor in Women's and Gender Studies

**Camille Carriere**  
Honours

**Rebecca Hannah Choi**  
Honours

**Melissa Lynne Copeland**  
Honours  
Minor in Psychology

**Bailey Marie Croft**  
With Distinction

**Katherine Daley\***  
With Distinction

**Jobbie Daph Saraina Daniel**  
Honours

**Mackenzie Shea Devlin**  
Honours

**Jaycee Lynn Drew\***  
Honours  
Minor in American Sign Language

**Melanie E. Dumont\***  
With Distinction

**Anna Margaret Evans**  
Honours

**Erica Ewa-Elechi**  
Honours

**Joyce Ketura Ford\***  
With Distinction

**Kelly Nicole Fox\***  
Honours

**Alyssa Morgan Gauthier**  
Honours  
Minor in Women's and Gender Studies

**Heidi Goldberg\***  
Honours

**Alisha Gordon**  
With High Distinction

**Laura Hachey\***  
Honours

**Emily Marie Hammond**  
With High Distinction

**Jenna C. Harney**  
Honours

**Daniel Hart**  
With Distinction  
Minor in Psychology

**Judy Hawley\***  
Honours

**Karel Hermans**  
With High Distinction

**Yasmin Hersi\***  
Honours  
Minor in Women's and Gender Studies

**Nathan Hicks**  
Honours

**Brianne Renee Higenell**  
With High Distinction  
Minor in Sociology

**Jessica Louise Holman\***  
Honours  
Minor in American Sign Language and  
Minor in Psychology

**Christopher Hynes**  
Honours

**Saeeda Javed**  
With High Distinction

**Alison Marisa Jog**  
With High Distinction  
Minor in Psychology

**Michael D. Johnson**

Honours

**Jingjing Ke\***

With High Distinction

**Deqo Daud Khalif**

Honours

**Renee Lafontaine**

Honours

Minor in Neuroscience and Mental Health

**Charlotte Jessie Yvonne Langevin**

With High Distinction

**Michael James Langlois**

Honours

**Jessica Claire Lemke\***

Honours

**Julie Kimberly Malone-Vowles**

Honours

**Rachel Manson\***

Honours

**Zara Masaud**

Honours

Minor in Women's and Gender Studies

**Michelle Matthisen**

With Distinction

**Miranda Elizabeth Joyce Moore**

Honours

Minor in Women's and Gender Studies

**Claire Elizabeth Moran**

Honours

**Emma Jean Muir**

Honours

**Shannon H. Mulligan**

Honours

**Clairerista Jenna Murphy\***

Honours

Minor in Psychology

**Emma Nagy-Menegazzo**

Honours

**Chessy Nguyen**

Honours

Minor in Psychology

**Danielle Noble**

Honours

**Jessika Oneid\***

Honours

Minor in Psychology

**Rachel Pennings**

Honours

**Meaghan Pinard**

With High Distinction

**Kathryn Alicia Ponomareva\***

With High Distinction

**Jillian Premachuk**

Honours

Minor in Psychology

**Keya Agnes Prempeh**

With High Distinction

**Sean Presnail**

Honours

Minor in French

**Querida Korkor Quarshie\***

Honours

**Anthony Rea**

With Distinction

**Samantha Helen Rhodes**

With Distinction

Minor in Psychology

**Vanessa Savard**

Honours

**Carley Christine Mary Scharf**

Honours

**Dhruhi Shah**

With Distinction

Minor in French

**Emma Shaw\***

Honours

**Shelby Spottiswood**

Honours

Minor in Psychology

**Maryana St Hiliare**

With High Distinction

**Filip Szadurski**

With High Distinction

**Merissa Ariel Taylor-Meissner\***

With High Distinction

Minor in English and Minor in Women's  
and Gender Studies

**Jennifer Verhey\***

Honours

Minor in Psychology

**Lucy Wallace\***

Honours

**Debra Williams**

Honours

**Sherina Williams**

Honours

**Stephanie Nicole Wilson**  
With High Distinction  
Minor in Psychology

**POST BACCALAUREATE DIPLOMA IN ECONOMICS**

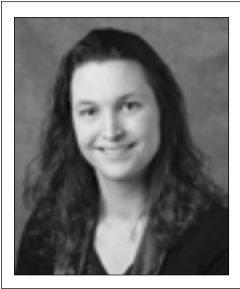
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(Presented by Professor André Plourde  
Dean, Faculty of Public Affairs)

**Kyla Megan Steel Fisher**  
**Nasim Haider**

**Jennifer Ojiyi**

## 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 140,000 people living and working around the world who all share a proud connection with this university. This network can help you realize your dreams, open doors around the world, and connect you to your alma mater.

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

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

Louise Hayes, *B.J., M.A.*

President, Carleton University Alumni Association





150<sup>TH</sup> CONVOCATION



100%