Carleton UNIVERSITY

146th CONVOCATION

Tuesday, June 9 2015 Ottawa, Ontario, Canada

2015 SPRING CONVOCATION

Convocation at Carleton

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Morning Ceremony - Tuesday, June 9, 9:30 a.m.

Honorary Degree Recipient, David Butler-Jones......12

Doctor of Philosophy from the Faculty of Science; Master of Arts; 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; Bachelor of Science (Honours); Bachelor of Science (Major); Bachelor of Science; Bachelor of Arts (Honours); Bachelor of Arts



Afternoon ceremony - Tuesday, June 9, 2:00 p.m.

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

O CANADA

O Canada! Our home and native land!

True patriot love in all thy sons command.

With glowing hearts we see thee rise,

The True North strong and free!

From far and wide, O Canada,

We stand on guard for thee.

God keep our land glorious and free!

O Canada, we stand on guard for thee.

O Canada, we stand on guard for thee.

O Canada! Terre de nos aïeux,

Ton front est ceint de fleurons glorieux!

Car ton bras sait porter l'épée,

Il sait porter la croix!

Ton histoire est une épopée

Des plus brillants exploits.

Et ta valeur, de foi trempée,

Protégera nos foyers et nos droits.

Protégera nos foyers et nos droits.

CONVOCATION AT CARLETON UNIVERSITY

HISTORY

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

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

COAT OF ARMS



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

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

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

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

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

THE MACE



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

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

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

THE DIPLOMA

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

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

ACADEMIC DRESS

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

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

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

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

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

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

ALUMNI HALL

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

OFFICIATING OFFICERS

Chancellor of the University



Charles Chi, B.Eng.

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

The President and Vice-Chancellor



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

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

Chair of the Board of Governors



Anthony Tattersfield, C.St.J., B.A., F.C.P.A., F.C.A., C.F.E., T.E.P., C.A.(BZ) Tony Tattersfield is Chair of the Board and is, ex-officio, a member of all standing Committees. A proud alumnus of Carleton, he is a Consulting Partner with Raymond Chabot Grant Thornton LLP, Chartered Accountants/Licensed Public Accountants, in Ottawa. Tony was reelected to the Board for a further one-year term ending on June 30, 2016.

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 Chris Carruthers, *B.Sc., M.D., M.B.A.*, Vice-Chair of the Board of Governors.

ASSISTING THE CHANCELLOR

Marshal of Convocation and Clerk of Senate

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

Director, Pauline Jewett Institute of Women's and

Gender Studies

Associate Professor

Associate Marshals of Convocation

Anne Bowker, B.A., M.A., Ph.D.

Associate Professor, Department of Psychology

Robert Burk, B.Sc., M.Sc., Ph.D.

Associate Dean, Faculty of Science

Associate Professor, Department of Chemistry

Adelle Forth, B.A., M.A., Ph.D.

Associate Chair and Associate Professor,

Department of Psychology

Patrizia Gentile, B.A., M.A., Ph.D.

Director, Institute of Interdisciplinary Studies

Ben Gianni, B.A., M.Arch.

Associate Professor, Azrieli School of Architecture

Heng-Aik Khoo, B.Sc., M.Sc., Ph.D., P.Eng.

Associate Dean, Faculty of Engineering and Design

(Student Affairs)

Associate Professor

Mary McGuire, B.J.

Associate Professor, School of Journalism and

Communication

Nicholas Rowe, B.A., M.A., Ph.D.

Associate Professor, Department of Economics

Beadles of Convocation

Shaundel M. Dottin-Agim

Undergraduate Recruitment Office

Donald Bailey, M.Eng. P.Eng

Department of Systems and Computer Engineering

Laura Brawn, M.A.

Paul Menton Centre

Marge Brooks

Department of Economics

Jeremy Brzozowski. B.A., M.Sc.

Student Experience Office

Martha Attridge Bufton, B.B.A., M.A.

Carleton University Library

Sandra Cloutier, B.A.

Sprott School of Business

Jessica DeVries, B.A.

Office of Quality Assurance (Academic Programs)

Ryan Flannagan, B.A., M.A.

Student Affairs

Linda Fullum

Sprott School of Business

Darlene Hébert

Systems and Computer Engineering

Beth Hughes, B.A., M.A.

Centre of Initiatives in Education

Caroline Karasiuk, B.Comm.

Sprott School of Business

Cassandra Larose, B.A.

Office of Quality Assurance (Academic Programs)

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

Katie LeBlanc, B.A.

Sprott School of Business

Scott Mitchell, B.Sc., M.Sc., Ph.D.

Geography and Environmental Studies

Christopher Motz, B.A., B.Ed., M.A.

Department of Psychology

Susan Nesrallah, B.A.

Computing and Communication Services

Farnaz Ogaick

Office of the Provost and Vice-President

(Academic)

Rosemary O'Hearn, B.Th.

Office of the Provost and Vice-President

(Academic)

Janet Perras

Mechanical and Aerospace Engineering

Pam Ramsay, B.Soc.Sci.

Co-op and Career Services

Sarah Sabourin, B.J.

Student Experience Office

Lorna Unger, B.A., M.A.

Sprott School of Business

Jenelle Williams. B.A., M.A.

Infrastructure Protection and International Security

Ramune Zitikiene, M.Appl.Sc.

Faculty of Engineering

Also assisting at Convocation:

Department of University Communications

Office of the President

Registrar's Office, Faculty of Graduate and

Postdoctoral Affairs

Senate Office

University Registarial Services (with special

thanks to Michelle Audet, Michelle Baulch, Diane Berezowski, Amanda Bettencourt, Gorana Botic, Vicki Bowman, Jackie Carberry, Pobin Dunbar, Land

Vicki Bowman, Jackie Carberry, Robin Dunbar, Lana Keon, Leslie Main, Marie-Eve Noel, Dayna Payette, Janet Perras, Michelle Santoianni, Tracy Saxton,

Samantha Shortt, Anshul Singh, Joan Thompson

and Joycelyn Van Wynsberghe.)

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

Spring 2015 Convocation:

Alumni Services

Aramark

Carleton University Bookstore

Carleton University Emergency Response Team

Department of Recreation and Athletics Facilities Management and Planning

Graphic Services

Instructional Media Services

Musicians: Clayton Connell, Brady Leafloor, Timo

Miller, Terry Wright

Parking Services

Student Experience Office

University Archives

University Safety

UNIVERSITY AWARDS

Founders Award



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

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

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

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

Board of Governors Award



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

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

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

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

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

Henry Marshall Tory Award



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

Selin Kum

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

MEDALLISTS IN THE GRADUATING CLASS

GOVERNOR GENERAL'S MEDAL

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

Donor: His Excellency the Governor General of Canada

Kimberly Moore

Michael Francis St-Jules

CHANCELLOR'S MEDAL

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

Rozlyn Boutin

Savanna Boutin

Kimberly Moore

PRESIDENT'S MEDAL

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

Yilin Chen

UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

WORK—Doctoral Level

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

Leslie Maaike Helmus

UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

WORK—Master's Level

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

Rui Zhao

UNIVERSITY MEDAL

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

Architectural Studies

Matthew McKenna

Arts

Betül Alaca

Katherine Anne-Marie Carroll

Cognitive Science

Matthew Stephen Martin

Commerce

Ranya Tantawy

Computer Science

Michelle Burrows

Engineering

Vinayak Bansal

Humanities

Bradley John Laflamme

Industrial Design

Chad Daniel Veenkamp

Information Technology

Prabath Madusankha Liyanage

Interfaculty Studies

Samantha Jade Hollingshead

International Business

Christopher Philipp Kropp

Journalism

Christine Rose Ackerley

Mathematics

Laura Gong

Music

Jazmin de Rege

Public Affairs and Policy Management

Hilary Jean Martin

Science

Jennifer Magel

Social Work

Lisa Fabian

SENATE MEDALS FOR OUTSTANDING ACADEMIC

ACHIEVEMENT — Graduate

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

Doctoral Level

Rebecca Jaremko Bromwich

Graham Raby

Kathleen Dolores Van Benthem

Wenjun Zhou Master's Level Tina Beynen

William Lee Croft

Margaret E. FitzGerald Murphy

Spencer Turner Robert Williams

SENATE MEDALS FOR OUTSTANDING ACADEMIC

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

Shakeeb Abdullah

Scott Alain

Nezar Saleem Khamis Assawiel

Ili Nasiha Binti Azni Shah

Shaveer Bajpeyi Dario Balca Saumya Bansal Elyse Barre

Alexis Kenneth Beingessner

Jeffrey Beith

Crystal Jeanne Benko

Naomi Bose

Ryan Phillip Bottriell Mason Zachary Brown

Anand Brunst

Phillip Alexander Burness

Emily Chan

Nathan Wei-En Chan Deepro Chowdhury Kristen Cochrane

Rachel Elizabeth Collins Hayley Alexandra Cooper

Isabelle Anne Crew

Katrina Elizabeth Crocker

Rebecca D'Angelo Barry Davidson Mariya Davydenko

Gordon Albert Deinstadt

Kathryn Elizabeth Dufour Bethany Rachel Dunfield

Camille Farrell

Eytan Fiszman

Jonathan Fitzpatrick
Tricia Ann Flohr

Natalia Pavlovna Fomenko

Andrew Joseph Froh

Anthony Fuller Victoria Gerber Frank Giardino Stuart Green Feng Gu

Yao Gu Lauren Mia Handforth Bethany Ruth Hartgerink

Kirk Hovell

Philippe-Antoine Hoyeck

Xingyu Hu Deira Hubble

Carly Rebecca Jacuk Stephanie Marie Joyce Jordan Adam Kafka

Anna Kah Adam Kanji

Benjamin Keeshan

Usman Khan

Mark Kotwicz Herniczek Graham John Laurie

Jia Liu

Hedvig Lunderquist Jessica Maillet Caitlyn Martinuzzi Peter Mazereeuw

Jessica Marie-France Ménard Luke Alexander Metzler Muthana Khalid Mohamed Christian Noe Moreno

Kendra Murray Jake Cowan Murray

Rafat Noor

Patrick Julius Co Ocampo

Laura Grace Parlee Ryland James Patterson

Chloe Isabelle Marie Pedneault

Darrell Viseth Song Penner

Leah Michelle Perry

Chad Philpott

Olivia Grace Polk

Alexander Edgar Preiss

Cavan Stanley Raistrick

Angelo Arvind Rajendram

Victoria Roberts

Natasha Lynn Rogers

Sophia Lynn Roth

Lisa Nicole Rylaarsdam

Mari Shanahan Somerville

David Lucas Smith

Ian James Smith

Anna Margaret Stevenson

Rebecca Kathleen Sykes

Erin Yarrow Thompson

Timothy James Thornton

Jessie Thuswaldner

Kayla Marlene Tink

Yasangi Jayaliya Tissera

Bliss L. Tracy

Katelyn Elizabeth Trenouth

Brittany Dawn Valiquette

Marc V-Brosseau

Dieter Jurgen Verhufen

Mackenzie Waddell-Harris

Deanna Lynn Walker

Lee Williamson

Scott Daniel Winges

Benjamin Luke Woodfinden

Owen Matthew Woodger

Katelyn Margaret Woods

Jason Worobetz

Qiwei Yu

Brittany Dawn Zerf

Cicely Lorraine Zervos

Meng Qi Zhang

MORNING CEREMONY

Tuesday, June 9, 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

David Butler-Jones, M.D., M.HSc., LL.D., C.C.F.P., F.R.C.P.C., F.A.C.P.M.



David Butler-Jones will be awarded the degree of Doctor of Laws, *honoris causa*, at the 9:30 a.m. ceremony on Tuesday, June 9 "in recognition of his outstanding service as Chief Public Health Officer in times of crisis and his leadership in making the Public Health Agency of Canada the highly respected organization it is today."

David Butler-Jones was the Chief Public Health Officer of Canada (Head of the Public Health Agency of Canada) from 2004 to 2014 and was the first person to hold this office. Throughout his distinguished career, he has worked in many parts of Canada in both public health and clinical medicine.

He has taught at the undergraduate and graduate levels and has been actively involved as a researcher and consultant in public health issues. He is a professor in the Faculty of Medicine at the University of Manitoba, a clinical professor with the Department of Community Health and Epidemiology at the University of Saskatchewan's College of Medicine.

He has received the Canadian Public Health Association Robert Davies Defries Award and the Canadian Medical Association's Medal of Service.

Currently, he is the Senior Medical Officer and Atlantic Region Medical Officer for the First Nations and Inuit Health division of Health Canada.

ORDER OF PROCEEDINGS

Morning ceremony

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

Chancellor Charles Chi, B.Eng., presiding

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

Processional Music

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

Ross Davison (bagpipes)

Garry Matthews (snare drum)

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

Performed by

Malak Ghanem

Opening Ceremony

Elder, Dorothy Meness

Representing the First Nation Algonquin

Introduction by the Master of Ceremonies

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

Vice-President (Research and International)

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

David Butler-Jones, M.D., M.HSc., LL.D., C.C.F.P., F.R.C.P.C., F.A.C.P.M.

(Presented by Mark Forbes, M.Sc., Ph.D.

Department of Biology)

Convocation Address

David Butler-Jones, M.D., M.HSc., LL.D., C.C.F.P., F.R.C.P.C., F.A.C.P.M.

Senior Medical Officer and Atlantic Region Medical Officer

First Nations and Inuit Health division - Health Canada

Conferring of Degrees and Awarding of Medals

Warrant

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

Clerk of Senate and Marshal of Convocation

Welcome from the Alumni Association

Charles Chi, B.Eng.

Chancellor

Closing Address by the President and Vice-Chancellor

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

Recessional Music

DOCTOR OF PHILOSOPHY

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

BIOLOGY

Edgar Abouassaf, B.Sc.

Investigation of the Catalytic and Regulatory Domains of Cystathionine B-Synthase Supervisor: S. Aitken

Glenn Matthew Cunnington*, B.Sc., M.Sc.

The Relationship Between Roads and Amphibians: Effects of Traffic Noise and Mitigation of Road Mortality Supervisor: L. Fahrig

Lee Gutowsky*, B.Sc., M.Sc.

Movement Ecology of Adfluvial Bull Trout (Salvelinus Confluentus)
Supervisors: S. Cooke and M. Power

William Hughes*, B.Sc.

Empirical Evidence for the Continuity of Semelparity and Iteroparity Supervisor: A. Simons

Samuel Iverson, B.Sc., M.Sc.

Quantifying the Demographic and Population Impact of Avian Cholera on Northern Common Eiders in the Face of Ancillary Threats and Changing Environmental Circumstances Supervisors: M. Forbes and G. Gilchrist

Allison Jaworski, B.Sc.

Developing a 2-Phase Screening System to Assess the *In Vitro* and *In Vivo* Stability of Engineering Native Seed Storage Proteins

Supervisor: S. Aitken

Graham Raby*, B.Sc.
The Effects of Fisheries Capture on the
Physiology and Post-Release Fate of
Adult Pacific Salmon
Supervisors: S. Cooke and S. Hinch

Bahram Samanfar*, M.Sc.

Large Scale Investigation in Yeast, to Identify Novel Gene(s) Involved in Translation Pathway Supervisor: A. Golshani

CHEMISTRY

Jason Philip Coyle*, B.Sc.

Group 11 Precursors for Atomic Layer Deposition: Design and Synthesis of Advanced Precursors Enabled by Investigations in Thermolysis Supervisor: S. Barry

Monica Gill, B.Sc., M.Sc.

Development of Palladium-Catalyzed Decarboxylative Allylation of Electron-Deficient Sulfones: Method Development and Mechanistic Studies Supervisor: J. Manthorpe

Sara Jodayree*, B.Sc.

Antioxidant Activity of Oat Bran Hydrolyzed Proteins in Vitro and in Vivo Supervisor: A. Tsopmo

Agnieszka Kurek, B.Sc.

Development of Volatile Inorganic Compounds and Their Application for Chemical Vapour Deposition of Metal and Metal Oxide Thin Films Supervisor: S. Barry

COMPUTER SCIENCE

Elizabeth Stobert, B.A., B.Math., M.A. Graphical Passwords and Practical Password Management Supervisor: R. Biddle

EARTH SCIENCES

Andrew L. Macumber, B.Sc.

Grain-Size Analysis and Arcellinida as Tools for Inferring Paleoclimatological Variability: A Case Study from Holocene Canadian Subarctic Lake Sediments Supervisor: T. Patterson

Ann C. Timmermans, B.Sc., M.Sc.

A Geochemical Study of Cenozoic Magmatism Along an East-West Transect from Central Great Basin, Nevada to the Ancestral Cascade Arc, California - A Compositional Journey Over Space and Time

Supervisor: B. Cousens

PROBABILITY AND STATISTICS

Mamadou Saliou Diallo*, M.Sc.

Small Area Estimation Under Skew-Normal Nested Error Models Supervisor: J.N.K. Rao

Christopher Andre Gravel, B.A., B.Math., M.Sc.

On the Correction for Misclassification Bias in Electronic Health Data Using Validation Sample Approaches Supervisors: P. Farrell and D. Krewski

NEUROSCIENCE

Harry MacKay, B.A.

Characterizing the Neurobiological Consequences of Perinatal Exposure to the Obesogenic Endocrine Disruptor Bisphenol-A

Supervisor: A. Abizaid

PHYSICS

Marc Chamberland, B.Sc., M.Sc.

Application of Three-Dimensional Motion Tracking of Low-Activity Fiducial Positron-Emitting Markers in Radiation Therapy and Positron Emission Tomography Specialization in Medical Physics Supervisor: T. Xu

Matthew Rodrigues, B.Sc., M.Sc.

Automation of the Cytokinesis-Block Micronucleus Assay Using Imaging Flow Cytometry for High Throughput Radiation Biodosimetry Specialization in Medical Physics Supervisor: R. Wilkins

Ryuichi Ueno*, B.Sc., M.Sc.

Search for Electroweak SUSY Signatures with Two Leptons and Missing Energy with the ATLAS Detector Specialization in High Energy Physics Supervisor: M. Vincter

Kathleen Charlotte Whalen*, B.Sc., M.Sc.

From Discovery to Precision
Measurements: Electron Identification,
Electron-Like Backgrounds and
Measurement of the Differential Fiducial
Cross-Sections of the Higgs Boson in
the Four-Lepton Decay Channel with the
ATLAS Detector
Specialization in High Energy Physics
Supervisor: M. Vincter

MASTER OF ARTS

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

Omar Ibrahim Mahmoud Bani-Taha, B.A.

Investigating the Potential of Tabletop Natural User Interfaces Tools in Improving the Nunaliit Cybercartographic Atlas Framework

Matthew Scott Hull, B.Sc.

Factors Affecting Secure Computer Behaviour

MASTER OF COMPUTER SCIENCE

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

Maryam Ariyan*, B.Sc.

Controllable Procedural Terrain Synthesis Using Curve Networks

Gregory Bint*, B.C.S.

Partial Enclosure Range Searching

Steve Renald Cloutier, B. Appl. Sc.

Quantum Communication Assisted MAC Protocol

William Lee Croft, B.C.S.

Geographic Partitioning Techniques for the Anonymization of Health Care Data

David Eisler*, B.Sc.

Co-operative Education

Darryl Richard Hill, B.C.S.

Plane Spanners of Degree Eight

Mingzhe Hu, B.Eng.

Thomas John McMahon*, B.C.S.

Enhancing Machine Translation for English-Japanese Using Syntactic Pattern Recognition Methods

Daniel Lewis Minor*, B. Math.

Biased Nearest Neighbour Search

Medha Vasanth, B. Eng.

Experimental Evaluation of Reordering Buffer Management Algorithms Co-operative Education

Alper Yörükçü, B.C.S.

Moving Target Search with Environment Abstraction

HUMAN-COMPUTER INTERACTION

Navjot S. Sandhu*, M.Eng., M.Sc.

An Evaluation of Two Dimensional and Three Dimensional User Interfaces for Colour Selection

MASTER OF SCIENCE

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

BIOLOGY

Jean Abboud, B.Com., B.Sc.

Regulation of Pyruvate Kinase and Glycerol-3-Phosphate Dehydrogenase in the Freeze Tolerant Goldenrod Gall Fly: Role in Polyol Cryoprotectant Production

Alex Koumaris, B.Sc.

Effects of Agricultural Intensity Vary Across Anuran Species

Naomi Pleizier, B.Sc.

Personality, Performance, and the Effects of Stress on Checkered Pufferfish (Sphoeroides Testudineus)

CHEMISTRY

Noof Alenazi*, B.Sc.

The Use of Diazomethane to Enhance the Selectivity of Bisphenol A Imprinted Polymers

Morooj Baakdah*, M.Sc.

Antioxidant and Calcium Binding Activities of Hydrolyzed Oat Bran Proteins and Chromatographic Fractions

Fatemeh Habibagahi*, B.Sc., M.Sc.

Mixed Valency in Dinuclear Ruthenium Complexes Bridged by Tetrazine- and Azo-Cyanamide Ligands

Diane Shannon Jodoin*, B.Sc.

The Design of an Optical Switch Based on Dinuclear Ruthenium Pentaammine Dicyanamide Complexes

Andrew Mackendrick Macklin, B.Sc.

Mass Spectrometry-Based Analysis to Investigate the Physiochemical and Proteomic Properties of Viral Sensitizers

Annamaria Ruscito*, B.Sc.

Selection of DNA Aptamers for Mycotoxins Specialization in Chemical and Environmental Toxicology

EARTH SCIENCES

Alexandra J. Berger, B.Sc.

Stratigraphy, Geochemistry, Isotopic Signatures and VMS Potential of Late Archean Volcanic Rocks from the Southern Slave Craton, Northwest Territories - Regional Comparison to Sharrie Lake and Turnback Lake Volcanic Belts

Wenzhe Lu*, B.Sc.

Mapping Graben-Fissure Systems in the Mead Quadrangle, Venus

Bradley McFeeters, B.Sc.

Evolution and Diversity of Ornithomimid Dinosaurs in the Upper Cretaceous Belly River Group of Alberta

Eric Meunier, B.Sc.

Exploring for Graphite Using a New Ground-Based Time-Domain Electromagnetic System

Arianne Juliette Petley-Ragan, B.Sc.

Towards Deciphering Metamorphic Reaction Kinetics through Porphyroblastic Textural Analysis in the Bugaboo Contact Aureole (South Eastern British Columbia, Canada)

HEALTH: SCIENCE, TECHNOLOGY AND POLICY

Ramona Erandi Alwis, B.Sc.

Simoneta Azoug-Boneault, B.Sc.

Lisa Carroll, B.Sc.

Jessica Chippior, B.H.Sc.

Kathryn Bernice Crabbe, Cert., M.A., Ph.D.

Kevin Chi-Yin Ho, B.Sc.

Rima Kandar, B.H.Sc.

Shazya Karmali, B.H.Sc.

Mandip Maheru, B.Sc.

Alexander Maisonneuve, B.Sc.

Anthony Maki, B.A.

Owen McMorris, B.H.Sc.

Elena Milicevic, B.Sc.

Deepika Sriram, B.Sc.

Louis Mark Watson, B.Sc.

MATHEMATICS, PURE MATHEMATICS, PROBABILITY AND STATISTICS AND APPLIED MATHEMATICS

Nikolina Beg, B. Math.

Model Based Penalized Smoothing for Panel Data Under a Markov Assumption Specialization in Biostatistics

Alexandr Diaz-Papkovich, B.Math.

Data Mining the Play-by-Play: Assessing and Applying NHL Performance Metrics Using Statistical Methods

Kathlyn Dykes, B. Math.

Length Two Extensions of Modules for the Witt Algebra

Harun Kalayci, B.Sc., M.Sc.

Olga Kosta, B. Math.

Efficient Density Estimation Using Fejér-Type Kernel Functions

Chenxi Li, B. Math.

Hongyu Li, B. Econ.

Wei Li*, B.Eng.

David Marquis*, B.Sc.

Deterministic Factorization of Polynomials Over Finite Fields

Angelica Neisa*, B.Sc.

Specialization in Biostatistics

Masahiro Oishi*, B.A., M.Appl.Sc.

Rasha Ibrahim Sakr*, B.E.E.

Fluid Approximation of Smart Grid Systems: Optimal Control of Energy Storage Units

Simona Jane Sklenar*, B. Math.

Analytic Continuation of Generating Functions for Two-Dimensional Random Walks in the Quarter Plane

Yue Zhang, B. Econ., B. Sc.

NEUROSCIENCE

Corey Johnston Edward Fee, B.Sc.

Social Identity and Mental Health: Group Membership as a Buffer for Stress in University

Laura Friberg*, B.Sc.

The Role of Oxytocin and Psychosocial Factors in Online Social Networking in Times of Emotional Distress

Kyla Vanderzwet, B.Sc.

An Assessment of the Antidepressantlike Properties of Erythropoietin in an Animal Model of Depression

PHYSICS

Vincent Basque, B.Sc.

Evaluation of a Charge Readout Pad Scheme for Next Enriched Xenon Observatory Specialization in High Energy Physics

Leila Lukhumaidze*, B.Sc., M.Sc.

Electron Impact Ionization in EGSnrc Specialization in Medical Physics

GRADUATE DIPLOMA IN HEALTH: SCIENCE, TECHNOLOGY AND POLICY

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

Jessica Cherith Bethune, B.Sc., M.Sc.

Caroline Isabel Evans*, B.Sc.

Bojana Bogeljic*, B.Sc.

BACHELOR OF COMPUTER SCIENCE (HONOURS)

(Presented by Professor Douglas Howe Director, School of Computer Science)

Oladunni Abiodun*

With Distinction Minor in Business

Abdulaziz Saleh Alhamdi*

Honours

Alexis Kenneth Beingessner*

With High Distinction Minor in Mathematics

Thomas Bigelow

Honours

Kurtis Boulianne*

Honours

Michelle Burrows

With High Distinction Minor in Mathematics Co-operative Education

Adonis Chaddad

Honours

Mike Chan, B.Com.

With Distinction

Matthew Chandrawan*

Honours

Analee Kapira Chicot

Honours

Minor in Japanese

William Charles Edward Clifford

With High Distinction Minor in Mathematics Co-operative Education

Matthew Scott Collins*

With High Distinction
Minor in Business

John Edward Cooper

Honours

Minor in Philosophy

Christopher Alexander Cowan

With High Distinction Minor in Mathematics Co-operative Education

Zachary Dawson

With High Distinction

Christian James Sanderson Delahousse, B.A.,

Dip.Son.Des.

With High Distinction

Kenneth Cameron Diamond

Honours

Minor in Mathematics

Ngoni Dondo

Honours

Minor in Mathematics

Lars Edward Ian Dovle, B.A.

With Distinction

Kurt Jonathon Engsig

Honours

Anthony Dino Evangelista

With High Distinction Minor in Japanese

Jason Fleischer*

Honours

Co-operative Education

William Fleurant

Honours

Anton Galentinov Georgiev

Honours

Co-operative Education

Brayden Girard

Honours

Minor in Business

Kristyn Jenna Leigh Girard

With High Distinction Minor in Psychology

Christopher Michael Golle

With High Distinction Co-operative Education

Dongfeng Gu

With Distinction Minor in Mathematics

Ali Hamadi

Honours

Justin Hoggart

Honours

Matthew Imtiaz

Honours

Minor in Business

Nakarin Jupattanakul*

Honours

Derek Gordon Langlois*

Honours

Yuyang Liu*

With High Distinction Minor in Mathematics

Ransheng Lu

Honours

Jordon Donnovan Lyn

Honours

Minor in Economics

Daniel MacNaughtan

Honours

Martin Madzio*

With High Distinction
Minor in Mathematics

Co-operative Education

Frédéric Marchand

With Distinction

Co-operative Education

John Michael Marsh

Honours

Kevin William Eddy Mason

Honours

Jasmin Mehic

Honours

Alexandra Leelynn Mugford*

Honours

Minor in Philosophy

Patrick Julius Co Ocampo

With High Distinction Minor in Japanese

Fatima Arwa Rasool

Honours

Daniel Charles Silverthorn

Honours

Minor in Psychology Co-operative Education

Benjamin Skinner

Honours

Kristian Neil Spriggs

Honours

Ioana Alexandra Steau

Honours

Kirill Stepanov

With High Distinction Minor in Mandarin Chinese Co-operative Education

Christopher Stubbs*

Honours

Benjamin James Sweett

Honours

Matthew Tang

Honours

Co-operative Education

Timothy James Thornton

With High Distinction Co-operative Education

Siyang Tian

Honours

Minor in Mathematics

Martin Vu

Honours

Kevin Yang Honours

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Minor in Mathematics

Zhangda Yang*

Honours

Minor in Entrepreneurship

Jing Zhang*

With Distinction

Minor in Business

Tianwei Zhang*

With Distinction Co-operative Education

Xingnan Zhou

Honours

Minor in Business

BACHELOR OF COMPUTER SCIENCE (MAJOR)

(Presented by Professor Douglas Howe Director, School of Computer Science)

Faisal Mohammed Bajnead*

Minor in Mathematics

Clifton John Bell

Branden Bortolin

Minor in Mathematics

Aaron Michael Crozman*

With Distinction

Christopher Duong

Peter Thomas Elliott*

Minor in Business

Co-operative Education

Carlens Faustin

Rebecca Ellen Gowland*

Mathugamage Dona Jeewani Gunawardena*,

B.Sc.Eng.

Co-operative Education

Christian Bradley Walter Huxtable

Aaron Jason Katz

Minor in Psychology

Sean Keith

Patrick Stephen King

Co-operative Education

Justin Kung*

Minor in Mathematics

Jacob Lemelin-Carrier*

William Darrell Lines

Minor in Greek and Roman Studies

Ryan Thomas Lynar*

Nicholas Carmine Mancuso

Minor in Mathematics

Sarah Michelle Mathieson, B.Sc.

Minor in French

Ethan Charles Melamed

Minor in Mathematics

Tarun Moni, B.Sc.

Youcef Abdelghafour Moussoud

Tekin Özbek, B.Mus. With High Distinction

Liangi Ren*

Minor in Mathematics

Louloua Selman

Minor in Psychology

Gauhar Shakeel*

Jaeho Sim

Michael Suen*

Minor in Psychology

Andrew Wallace, B.H.Sc.

Co-operative Education

Han Jun Won

Benjamin Chongguang Yan, B. Appl. Sc.

Patrick Young*

Michael Robert Yuill*

Minor in Psychology Co-operative Education

Jacob Zeransky*

BACHELOR OF MATHEMATICS (HONOURS)

(Presented by Professor Patrick Farrell Director, School of Mathematics and Statistics)

Sheri Louise Albers

With High Distinction

Computational and Applied Mathematics

and Statistics

Minor in Business

Co-operative Education

Rene Bidart

With High Distinction

Mathematics and Economics

Co-operative Education

with Study Year Abroad

Catherine Campbell

Honours

Statistics

Minor in History

Xingyu Hu*

With High Distinction

Statistics

Asma Kadri

Honours

Mathematics

Minor in Psychology

Jiayu Lin

With Distinction

Statistics and Economics

Ashkan Memarian, B.Sc.

Honours

Mathematics

Thomas Robert Morrice

Honours

Mathematics and Economics

Maharunessa Munni*

Honours

Statistics

Nicole Louise Presutti

Honours

Statistics

Antonio Ranieri, B.Sc.

Honours

Mathematics

Nigel Vikram Redding*

With High Distinction

Mathematics

Philip Ryan

Honours

Mathematics

Steven Wu

With High Distinction

Computational and Applied Mathematics

and Statistics

Co-operative Education

BACHELOR OF MATHEMATICS

(Presented by Professor Patrick Farrell
Director, School of Mathematics and Statistics)

Kevin Ka Jun Banh

Statistics

Aiden Patrick Cearns

Mathematics

Tai-Chou Chen

Mathematics

Yilin Chen

Mathematics

Specialization in Statistics

Minor in Economics

With High Distinction

Erik Erlandson

Mathematics

John Gervais

Mathematics

Laura Gong

Mathematics

With High Distinction

Mohammad H. H. Hamad

Mathematics

Yousef Jaber

Mathematics

Suhayb Omar Joudeh

Mathematics

Minor in Economics

Natasha MacPhee

Mathematics

Minor in French

Viktor Op de Beke

Mathematics

Calvin Reid

Statistics

Sheida Roshanafshar

Statistics

Minor in French

Bryson Van Raay-Vesnaver

Statistics

Minor in Law

Arthur Andrew Yanthar*

Mathematics

BACHELOR OF SCIENCE (HONOURS)

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

Deanne Aby

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Biology

Temitope Adams Ahmed

Honours

Integrated Science

Minor in Neuroscience and Mental Health

Zain Faid Mustafa Al-Jaber

Honours

Biochemistry and Biotechnology

Rhea Claire Alonzi

With High Distinction

Biochemistry

Salman Alotieschan

Honours

Biochemistry and Biotechnology

Heisa Aveille Ferrer

Honours

Neuroscience and Mental Health

Saumya Bansal

With High Distinction

Biochemistry and Biotechnology

Emily Barrie

With Distinction

Environmental Science

Minor in Chemistry

Francis Frederick Bedek

Honours

Earth Sciences

Concentration in Vertebrate

Paleontology and Paleoecology

Lindsay Pamela Bellingham*

With Distinction

Environmental Science

Concentration in Biology

Julieth Paola Beltran

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Biology

Haiyun Bo

Honours

Biochemistry

Christopher Thomas Bonner

With High Distinction

Biochemistry

Naomi Bose

With High Distinction

Biology

Rozlyn Boutin

With High Distinction

Biology

Concentration in Health Science

Savanna Boutin

With High Distinction

Biology

Concentration in Physiology

Samuel Brockmeyer

Honours

Neuroscience and Mental Health

Aime Beth Brown

With High Distinction

Biology

Daniela Budjinski

Honours

Food Science and Nutrition

Joshua Callahan*

Honours

Chemistry

Concentration in Nanotechnology

Minor in Neuroscience and Mental Health

Timothy Charles Chadwick*

Honours

Earth Sciences

Minor in Geomatics

Simon Yingleung Chan, B.Com.

With Distinction

Integrated Science

Emma Louise Chawner

Honours

Biochemistry

Cassandra Cheung

Honours

Earth Sciences

Nicholas Andrew Chin

With High Distinction

Neuroscience and Mental Health

Minor in Psychology

Alisa Chung

Honours

Environmental Science

Minor in French

Daniel James Cleary

Honours

Earth Sciences

Christine Laura Cock

With High Distinction

Biology

Braeden Douglas Cowbrough

With High Distinction

Biochemistry

Co-operative Education

Warren Scott Cree

With Distinction

Physics

Alexandre Crew

Honours

Environmental Science

Concentration in Biology

Raymond Miles Cronin

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Music

Thea Elizabeth Cunningham

With High Distinction

Neuroscience and Mental Health

Alexa Jetta D'Addario

Honours

Integrated Science

Concentration in Science Education

Minor in Greek and Roman Studies

Grace Juliette Daly

With High Distinction

Biochemistry

Shelley Dang

Honours

Integrated Science

Concentration in Forensic Science

Minor in Psychology

Lisa Rachelle Decotret

With High Distinction

Biochemistry

with Study Year Abroad

Annemarie Dedek

With Distinction

Neuroscience and Mental Health

Kathryn Elizabeth Dufour

With High Distinction

Environmental Science

Minor in Biology

Angela Nicole Dykes

With High Distinction

Biology

Concentration in Health Science

Co-operative Education

Hassan Khan Easa

With High Distinction

Physics

Minor in Mathematics

Diana Farhat

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Psychology

Luke Anthony Farmer

Honours

Chemistry

Benjamin Ferland*

Honours

Biology

Joshuah Douglas Forrester

Honours

Earth Sciences

Dylan Jones Fox-Altherr

With High Distinction

Biochemistry

Co-operative Education

Terence Gall-Duncan

With High Distinction

Integrated Science

Concentration in Life and Health

Sciences

Minor in Neuroscience and Mental Health

Victoria Gerber*

With High Distinction

Biology

with Study Year Abroad

Olivier Gilbert

With High Distinction

Neuroscience

Nitasha Gill

With High Distinction

Neuroscience and Mental Health

Davina Rose Gordon, B.Sc.

Honours

Integrated Science

Concentration in Science Education

Minor in Psychology

Daniel Goudreau

Honours

Chemistry

Melissa Jeanne Graf

With High Distinction

Biology

Concentration in Health Science

Minor in Neuroscience and Mental Health

Shannon Lee Graham

Honours

Biology

Concentration in Ecology, Evolution and

Behaviour

Alexander Thomas Green

Honours

Chemistry

Stuart Green

With High Distinction

Biochemistry

Jessica Greenlaw

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Neuroscience and Mental Health

Melissa Patricia Griffore

Honours

Integrated Science

Nils Gritters

With High Distinction

Neuroscience

Emma Groulx

Honours

Food Science and Nutrition

Jaclyn Guest

With High Distinction

Neuroscience

Ahmad Hachem

Honours

Neuroscience and Mental Health

Minor in Psychology

Christine Hadden

Honours

Biology

Concentration in Ecology, Evolution and

Behaviour

Hanane Hadj-Moussa

With High Distinction

Concentration in Health Science

Hanin Hamad*

Honours

Biology

Amanda Hamameh*

Honours

Integrated Science

Matthew Hanewich

Honours

Earth Sciences

Mary-Jean Elizabeth Harris

With High Distinction

Physics

Minor in Philosophy

Carolyn Mae Hazell

Honours

Integrated Science

Concentration in Forensic Science

Minor in Chemistry

Anna Herman

Honours

Biology

Concentration in Ecology, Evolution and

Behaviour

Minor in Neuroscience and Mental Health

Fatimah Hilmi

With Distinction

Integrated Science

Concentration in Life and Health

Sciences

Madina Hilowle

Honours

Neuroscience and Mental Health

Claire Morgan Hobson

Honours

Environmental Science

Minor in Geography

Robert Francis Holub Hunter

Honours

Chemistry and Physics

Lindsay Marie Hyland

With Distinction

Neuroscience and Mental Health

Magdalene Elisabeth Jackson

Honours

Biochemistry

Minor in Biology

Arianne Jacob-Michaud

Honours

Integrated Science

Concentration in Life and Health

Sciences

Queen Rodes Jacques

Honours

Neuroscience and Mental Health

Alexander Dean Jesso

With High Distinction

Biochemistry

Ryan Joseph Johnson

With Distinction

Biology

Minor in Chemistry

Graham George Jones

Honours

Biochemistry and Biotechnology

Emma Leigh Jorgenson

With High Distinction

Chemistry

Minor in Mathematics

Jasrina Kaushal

Honours

Integrated Science

Minor in Psychology

Thomas Kazmirchuk

Honours

Biology

Concentration in Health Science

Alyssa Kealey

Honours

Biology

James Kearnan

Honours

Neuroscience and Mental Health

Benjamin Keeshan

With High Distinction

Physics

Co-operative Education

Christopher James Kerwin

Honours

Integrated Science

Concentration in Forensic Science

Minor in Chemistry

Usman Khan

With High Distinction

Biochemistry and Biotechnology

Derek Andrew King

Honours

Earth Sciences

Christopher Evan Scott Kirby

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Neuroscience and Mental Health

Shayla Megan Klinger

With High Distinction

Neuroscience

Helen Eve Kolodziejczyk

Honours

Integrated Science

Concentration in Forensic Science

Minor in Biology

Kelvin Kung

With High Distinction

Biology

Concentration in Health Science

Minor in Chemistry

Co-operative Education

Jeffrey Landrigan

With High Distinction

Neuroscience

Amanda Lange

Honours Biology

Nikita Larionov

With High Distinction

Neuroscience and Mental Health

Ryan Latendre

Honours

Environmental Science

Bruce Patrick Laurich

With Distinction

Biology

Linh My Thi Le

Honours

Food Science and Nutrition

Danielle LeBlanc

With Distinction

Biology

Tyler Alexander Leggo

Honours

Biochemistry and Biotechnology

Rachel Leewan Leung

Honours

Food Science and Nutrition

Dustin Andrew Liikane*

With Distinction Earth Sciences Minor in Business

John Lock

Honours

Biochemistry and Biotechnology

Samantha Logan

With High Distinction

Biochemistry

Kristin Valentine Loiselle-Lapointe*, B.Com.,

M.B.A.

With High Distinction Environmental Science

Minor in Statistics

Walter Jonathan MacCallum Lord

Honours

Earth Sciences

Christopher Thomas Lowery-Green

Honours Neuroscience

Logan Lubuk

Honours

Chemistry

Janusz Luczaj

Honours

Environmental Science

Concentration in Biology

Beatriz Elena Lujan Toro

With High Distinction Biology and Biotechnology Co-operative Education

Ronald MacLean

Honours

Environmental Science Concentration in Biology Co-operative Education

Robert Thomas MacLeod

With High Distinction Integrated Science

Concentration in Life and Health

Sciences

Minor in Psychology

Laurel Ashley Paige Maddock*

Honours

Integrated Science

Jennifer Magel

With High Distinction

Biology

Concentration in Ecology, Evolution and

Behaviour

Aubrey Maquiling

Honours

Integrated Science

Minor in Biology and Minor in

Mathematics

Jessica Anna Marcantonio

With Distinction Biochemistry

Jamie Marchesi

Honours

Chemistry and Earth Sciences

Anna Samantha Marrello

Honours

Neuroscience and Mental Health Minor in Political Science and Minor in

Psychology

Michael McCullagh

Honours

Neuroscience and Mental Health

Haileigh Victoria Ann McDonald

Honours

Environmental Science

Sydney McNeely

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Neuroscience and Mental Health

Sara Elizabeth McPeak

Honours

Earth Sciences

Danielle McRae

With High Distinction Chemistry and Physics Minor in Mathematics

Etienne Menard

Honours Earth Sciences

Monica Mendoza

Honours Neuroscience

John Norman Mesman

Honours

Biochemistry and Biotechnology

Karen Mezher, B.H.Sc.

With High Distinction

Neuroscience and Mental Health

Fatimah Mirza

Honours

Neuroscience and Mental Health

Minor in Psychology

Rouzbeh Modarresi Yazdi

With High Distinction

Physics

Minor in Mathematics

Pranav Mody

With High Distinction Integrated Science

Concentration in Health Science

Minor in Neuroscience and Mental Health

Rebecca Marie Montsion*

With Distinction

Earth Sciences and Physical Geography

Andrew Dominic Moraga

With Distinction

Environmental Science

Minor in Biology

Yannick Morneau

With High Distinction

Earth Sciences

Alim Musa

Honours

Neuroscience

Zoya Elizabeth Erika Naperstkow*

Honours

Biochemistry

Minor in Chemistry

Krista Frances Neilly*

Honours

Biology

Raymond Ngo

Honours

Biology

Concentration in Health Science

Minor in Chemistry

Trong Danh Nguyen

With High Distinction

Biochemistry

Minor in Mathematics

Sharon Muholo Odongo

Honours

Environmental Science

Michelle Osorio

Honours

Food Science and Nutrition

Karsten Pankhurst

Honours

Environmental Science

Su-Bin Park

Honours

Integrated Science

Concentration in Life and Health

Sciences

Minor in Neuroscience and Mental Health

Carolyn Partyka

Honours

Biology

Minor in Earth Sciences: Earth Resources

and Processes

Jessica Passarelli

Honours

Neuroscience

Co-operative Education

Ben Peterkin

Honours

Earth Sciences

Kelechukwu Peters

Honours

Integrated Science

Concentration in Health Science

Emil Azuma Prikryl

With High Distinction

Physics

Joshua Mufit James Profitt, B.Sc.

Honours

Biology

Natalie Prowse

With High Distinction

Neuroscience and Mental Health

Hiba Rachid

Honours

Food Science and Nutrition

Darcy Ellen Rick

With High Distinction

Neuroscience

Jennifer Ritonja

With Distinction Integrated Science

Concentration in Life and Health

Sciences

Minor in Psychology

Omar Rivera

Honours

Integrated Science

Caitlin Rogers

Honours

Integrated Science

Victoria Susan Roth

With High Distinction

Food Science and Nutrition

Gareth Rurak

Honours

Neuroscience and Mental Health

Minor in Psychology

Tamara Ibrahim Sallouha

Honours

Biology

William Clayton Sawford

Honours

Chemistry and Earth Sciences

Bhawandeep Kaur Sekhon

With High Distinction

Neuroscience

Andries Theunis Faulker Selst

Honours

Integrated Science

Concentration in Health Science

Minor in Chemistry

Pramodh Senarath Yapa

With Distinction

Physics

Minor in Mathematics

Co-operative Education

Shannon Mae Shackles

Honours

Biology

Minor in Psychology

with Study Year Abroad

Farah Shawaf

With High Distinction

Neuroscience

Curtis Andrew Sheets

Honours

Earth Sciences

Adenike Shittu

Honours

Food Science and Nutrition

Minor in Economics

David Lucas Smith

With High Distinction

Biology

Concentration in Health Science

McKenzie Rose Smith

Honours

Chemistry

Anika Elizabeth Smithson

With High Distinction

Earth Sciences

with Study Term Abroad

Matthew Lawrence Smorenburg

With Distinction

Neuroscience and Mental Health

Minor in Psychology

Jazz S. M. Smyl Joly*

With High Distinction

Integrated Science

Concentration in Health Science

Minor in Neuroscience and Mental Health

Phillip Steven Snable

Honours

Earth Sciences

Peter Christopher Stolarski

Honours

Biochemistry

Co-operative Education

Matthew Jake Stukel*

With Distinction

Applied Physics

Minor in Business

Co-operative Education

Brittany Sullivan

With Distinction

Biology

Concentration in Ecology, Evolution and

Behaviour

Shannon Tansley

With High Distinction

Neuroscience and Mental Health

Elizabeth Tarzwell

Honours

Earth Sciences

Jessie Thuswaldner

With High Distinction

Biology

Concentration in Health Science

Minor in Psychology

Ryan Henry Tobalt

Honours

Biology

Minor in Chemistry

Matthew Lambert Trenkler

Honours

Earth Sciences

Katelyn Elizabeth Trenouth

With High Distinction

Neuroscience and Mental Health

Minor in Psychology

David Van Olst

With Distinction

Biology

Minor in Geomatics

Lianna Elsie Dora Vice

With High Distinction

Earth Sciences

Chelsea Grace Walker*

With Distinction

Biochemistry

Co-operative Education

Longfei Wang

Honours

Biochemistry

Minor in Psychology

Yi Xuan Wang

With High Distinction

Biology and Physics

Minor in Computer Science

Phyo Wei Win*

Honours

Biology

Kayla Angelica Wells*

Honours

Neuroscience and Mental Health

Minor in Psychology

Emilee Jeanne Whissell

Honours

Biology

Jessica Kristyn Victoria White

Honours

Biochemistry and Biotechnology

Danielle Williams

With Distinction

Biochemistry

Minor in Philosophy

Trisha Williams

Honours

Biology

Concentration in Ecology, Evolution and

Behaviour

Sam Mark Williamson*

With High Distinction

Neuroscience

Francis Hon Sing Wong, B.Sc.

With Distinction

Neuroscience and Mental Health

Minor in Economics

Margaret Mary Wood

Honours

Biology

Concentration in Ecology, Evolution and

Behaviour

Co-operative Education

Jessica Chani Xavier-Wellard

Honours

Biology

Edward Yakubovich, B.Sc.

With Distinction

Neuroscience and Mental Health

Minor in Political Science and Minor in

Biology

Rebecca Yaworski

Honours

Biology

Concentration in Health Science

Minor in Neuroscience and Mental Health

Hyung-Suk Yoo

With High Distinction

Biochemistry

Courtney Anne Young

With High Distinction

Biology

Concentration in Ecology, Evolution and

Behaviour

Co-operative Education

Erik Young*

With High Distinction

Earth Sciences

Haoyang Yu

With Distinction

Chemistry

Oksana Zahrebelny

Honours

Neuroscience

Yaroslava Zahrebelny*

Honours

Biology

Minor in Psychology

Natasha Zaveda*

Honours

Food Science and Nutrition

Minor in Biology

Zheyuan Zhang

Honours

Environmental Science

BACHELOR OF SCIENCE (MAJOR)

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

Jasmeen Bhachoo

Biology

Minor in Psychology

Stephanie Ashley Boardman

Environmental Science

Minor in Biology and Minor in Chemistry

Spencer Jacob Burden*

Earth Sciences

Samantha Cassell*

Environmental Science

Minor in Biology

Kassandra Dickson

Biology

Minor in Statistics

Faiza Filali

Neuroscience and Mental Health

Alex Francki

Earth Sciences

Matthew Geddes, B.Sc.

Biology

Minor in Psychology

Larissa Margaret Gemmill

Biochemistry

Minor in Mathematics

With High Distinction

Joseph Hachey

Biochemistry

Ryan Hamill

Biology

Ferdous Hannat

Biochemistry

Joshua Ryan Hubber

Biology

Jessica Lacle*

Environmental Science

Tadashi James Nagao*

Biochemistry

Alastair Hugh Neary

Earth Sciences

Michael O. Overah

Neuroscience and Mental Health

Sewon Park

Biology

Minor in Chemistry

Matthew Donald Parnell

Physics

Minor in Philosophy

Sajiv Jared Perera

Earth Sciences

Alain Bouchard Price

Physics

Sean Rushlow

Biology

Eliott Sakr*

Biochemistry

Patrick Darrell Seguin

Biology

Minor in Neuroscience and Mental Health

Nelson Charles Sindayigaya

Biochemistry

Janet Wai Man Szeto

Environmental Science

Minor in Earth Sciences: Earth Resources

and Processes

Yizhou Wu

Biochemistry

Jia Cheng Yeoh*

Biochemistry

Minor in Psychology

Chang Mo Yeon

Biochemistry

Shuailei Zhang

Neuroscience and Mental Health

Minor in Psychology

BACHELOR OF SCIENCE

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

Ahmad Jafaru Abdulkadir*

Integrated Science

Parmiss Akbari*

Biology

Asma Alamir

Biology

Rebekah Ann Alemao*

Biology

Minor in Psychology

Ummi Solehah Bt Ali Yusob

Biology

Faris Saad M. AlShehri

Integrated Science

Sivaseelan Balasingham

Integrated Science

Aaron Christopher Brown

Integrated Science

Ramatoulaye Sadiya Camara*

Integrated Science

Tanaka Chirara

Integrated Science

Ryan D'Alessio*

Biology

Kathryn Lindsay Diviesti

Biology

Fauziah Fasanai

Biology

Joshua Ryan Foster

Integrated Science

Sarah Graf

Biology

Jacobus Christiaan Grobbelaar

Biology

Minor in Psychology

Iren Haxhi

Chemistry

James Hill

Integrated Science

Concentration in Life and Health

Sciences

Minor in Biology

Robert Hunt*

Chemistry

Sarah Jaffery

Biology

Sergei Khorochkov

Biology

Rozalia Anna Kieliszkiewicz*

Integrated Science

Minor in Food Science

Dana Kolenich

Biology

Minor in Psychology

Arpan Anil Kumar

Integrated Science

Concentration in Science Education

John Leblanc

Biology

Menachem Mendel Loewenthal

Biology

With High Distinction

Logan MacNeil

Integrated Science

Jenna Mainville, Dip.

Neuroscience and Mental Health

Jennifer McKnight

Integrated Science

Stewart William James Muirhead*

Earth Sciences

Rabia Nadeem

Integrated Science

Zishu Ndongko*

Integrated Science

Matthew Ngo

Integrated Science

Concentration in Information Technology

Kehinde Adeolu Oluyole*

Integrated Science

Meaghan Pinard*

Earth Sciences

Maurice Albert Lewis Robson

Chemistry

Minor in Biology

Derek James Rocha

Integrated Science

Concentration in Health Science

Minor in Psychology

Sivarajah Pillay Ruthnum*

Chemistry

Mohammed Shabib*

Biology

Minor in Psychology

Carlie Sandra Southin*

Biology

Katherine Lynne Szozda

Integrated Science

Minor in Biology

With Distinction

Yasuka Tokuoka*

Chemistry

Yayra Elorm Awo Torkornoo*

Integrated Science

Concentration in Science and the Arts

Kelsey Vallée

Integrated Science

Concentration in Life and Health

Sciences

Anis Farhana Binti Wahab

Biology Minor in Psychology

Anushi Weerasinghe*

Biology

BACHELOR OF ARTS (HONOURS)

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

Jordan Taylor Cockburn-Scott

Honours Biology

Minor in English and Minor in History

Dana Elshaer*

Honours Biology Jaimie Saxl

Honours Biology

BACHELOR OF ARTS

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

Kaitlin Hinds

Biology

Chloe Anne Menard

Biology

Minor in American Sign Language

Brian Ng*, B.Sc.

Biology

Terry Nguyen

Biology

Nadia Ohene-Adu

Biology

Mary Katherine Sharma, B.A.

Biology

Alexandra Zemba

Biology

AFTERNOON CEREMONY

Tuesday, June 9, 2:00 p.m.

Degrees conferred at Spring Convocation are awarded by Senate in February and in June.

Degrees awarded in February are denoted by an asterisk (*)

HONORARY DEGREE RECIPIENT

Chad Gaffield, B.A., M.A., Ph.D.



Chad Gaffield will be awarded the degree of Doctor of Laws, *honoris causa*, at the 2:00 p.m. ceremony on Tuesday, June 9 "in recognition of his impressive accomplishments as a researcher, a visionary leader, and a spokesperson for the social sciences and humanities in Canada."

Chad Gaffield is one of Canada's foremost historians. After eight years as president the Social Sciences and Humanities Research Council of Canada (SSHRC), he returned to the University of Ottawa where he is a professor of History and University Research Chair in Digital Scholarship. Prof. Gaffield's teaching and research focus on the great transformations of the 19th and 20th centuries, with special attention to the interrelationships of demographic, economic, cultural and social changes.

He has won many awards for his scholarship and innovations related to computer-based, interdisciplinary, multi-institutional and international collaboration. The University of Ottawa named him Researcher of the Year in 1995 and Professor of the Year in 2002. He was also presented with the Queen Elizabeth II Golden Jubilee Medal (2003) and the Queen Elizabeth II Diamond Jubilee Medal (2012).

He was awarded the J.B. Tyrrell Historical Medal by the Royal Society of Canada (2004), the Prix de la francophonie by the Province of Ontario (2007), and the Antonio Zampolli Prize by the international Alliance of Digital Humanities Organisations (2011). In 2007, the Canadian Association of University Teachers presented him with its Distinguished Academic Award.

ORDER OF PROCEEDINGS

Afternoon ceremony

Tuesday, June 9, 2:00 p.m.

Chancellor Charles Chi, B.Eng., presiding

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

Processional Music

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

Garry Matthews (snare drum)

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

Performed by

Malak Ghanem

Opening Ceremony

Elder, Dorothy Meness

Representing the First Nation Algonquin

Introduction by the Master of Ceremonies

Peter Ricketts, B.A., Ph.D.

Provost and Vice-President (Academic)

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

Chad Gaffield, B.A., M.A., Ph.D.

(Presented by Fraser Taylor, M.A., P.G.C.E., Ph.D., F.R.S.C.

Director, Geomatics and Cartographic Research Centre)

Convocation Address

Chad Gaffield, B.A., M.A., Ph.D.

Historian

Conferring of Degrees and Awarding of Medals

Warrant

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

Clerk of Senate and Marshal of Convocation

Conferring of the Board of Governors Award upon

Annie Kingston Miller

(Presented by Chris Carruthers, B.Sc., M.D., M.B.A.,

Vice-Chair of the Board of Governors)

Welcome from the Alumni Association

Charles Chi, B.Eng.

Chancellor

Closing Address by the President and Vice-Chancellor

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

Recessional Music

DOCTOR OF PHILOSOPHY

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

ECONOMICS

Muhammad Irwan Ariffin*, B.Econ., M.A.

Three Essays on the Economics and Market of Higher Education Supervisor: C. Worswick

Luke J. Ignaczak, B.A., M.A.

An Examination of the Stability of Canadian Employment Tenures Supervisor: M. Voia

Xiaonan Li, B. Econ., M.A.

Three Essays on International Macroeconomics

Supervisors: R. Razo-Garcia and H. Khan

Zhenjiang Lin, B. Econ., M.A.

Four Essays on Identification-Robust Numerical and Statistical Tools with Applications to Dynamic Stochastic General Equilibrium Models Supervisor: L. Khalaf

Mihailo Radoman, B.Com., M.A.

Three Essays on the Labour Market Implications of Youth Training Programs and Institutional Changes in Professional Sports

Supervisor: M. Voia

POLITICAL SCIENCE

Judit Fabian*, B.A., M.A.

Towards a Theory of Democratic Global Economic Governance: Hybridization of Soft and Hard Law in the Case of Gender within the World Trade Organization Supervisor: R. Germain

Douglas Edward Jarvis*, B.A., M.A.

The Family and the Western Political Order Supervisor: F. Rajaee

Ryan A. McKinnell*, B.A., M.A.

The Revolt of Political Spiritedness: Machiavelli's Martial Modernity and the New Birth of Politics Supervisor: W. Newell

Gustavo Adolfo Morales Vega, B.A., M.A.

Neoliberal Modernity Crisis in Latin America at the Twenty-First Century: Social Cleavages, National Challenges and Hemispheric Revisionism Supervisor: C. Rojas

Nicolette Anne O'Connor, B.A., M.P.Admin. Military Adaptation and Civil-Military Unity of Effort: A Historical Institutional Analysis of the American, British and Canadian Armed Forces in Afghanistan, 2001-2011

Supervisor: E. Sloan

MASTER OF ARTS

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

ECONOMICS

Sarah Akhtar, B.A.

Modjgan Alishahi*, B.Agr.Econ., M.A.

Jordan Chamberlain, B.A.

Jose De Mello Costa Oliveira Netto, B.A.

Binaya Gautam*, B.A., M.A.

Kefyalew Kebede Gemeda, B.A.

Samuel Hammond, B.A.

Liang Hu, B. Econ., B. Eng. Concentration in Financial Economics

Reem Koleilat, B.B.A.

Andrew Lovsin, B.A.

Concentration in Financial Economics

John MacGregor, B.A.

Geoffrey Mark Marshall-Catlin*, B.Com.

Cam Nguyen, B.A.

Hany Maged Osman, B.A.

Concentration in Financial Economics

Tamara Pesut, B. Soc. Sc.

Concentration in Financial Economics

Graeme Reid. B.Sc.

Fadi L. Salameh, B.A.

Concentration in Financial Economics

Gurdeep Samra, B.A.

Concentration in Financial Economics

Yu Song, B.Sc.

Laura Sonley*, B.A.

Consumer Switching Costs in Mobile Telecommunications

Shivani Sood, B.Sc.

Lin Sun, B. Econ.

Concentration in Financial Economics

Spencer Turner, B.A.

Di Wang, B.Econ., M.A.

Concentration in Financial Economics

Yutian Wang, B. Econ.

Concentration in Financial Economics

Fan Yang, B.A.

Kalsoom Zulfiqar, M.Phil.

POLITICAL ECONOMY

Philip Joseph Arthur Billingham, B.Com. Specialization in African Studies

Dax A. J. D'Orazio, B.P.A.P.M.

The Demise of Section 13 of the Canadian Human Rights Act: Reappraising the 'Battle for Free Speech'

Margaret E. FitzGerald Murphy, B.A.

The Ethics of Care and the Newfoundland Paid Family Caregiver Program: An Assessment

Isaac Gray, B.A.

European-Level Industrial and Class Relations in the Wake of the Eurozone Crisis

Chris Peppin, B.A.

Mark Douglas Robbins, B. Soc. Sc.

Towards a Political Economy of Military Spending

POLITICAL SCIENCE

Ayat Ahmed, B.A.

Specialization in African Studies Co-operative Education

Kerry Burke, B.A.

Joseph Coppolino, B.A.

Specialization in African Studies

Dylan Thomas Dilks, B.A.

Atchariya Kerri-Lyn Fletcher, B.A.

Andrei Antonio Gonzalez Reyes, B.Soc.Sc.

Eric James Hallam, B.A.

Co-operative Education

Jessica Jones*, B.A.

An Examination of the Tyrannical Nature of the Soul in Plato's *Charmides*: The Political Importance of Recognizing our Ignorance

Nicole Sara Kuchapski, B.A.

Co-operative Education

Tiffany Narducci, B.J.

Nasser Nasser, B.A.

Co-operative Education

Jonathan Olfert, B.A.

Christiane Perreault*, B.A.

Kasra Razempour, B.A.

Co-operative Education

Bradley Stollery, B.A.

Ahlam Taboun, B.A.

Kelsey Ann Wallwork, B.Soc.Sc.

Hafeez Williams*, B.A.

Co-operative Education

MASTER OF SOCIAL WORK

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

Anita Bose, B.S.W.

Carolann Chevalier, B.S.W.

Trang Duong, B.Appl.Sc., B.S.W.

Heather Jean Fawcett, B.A.

Lawrence G. Finnie, B.S.W.

Erin Knight, B.Soc.Sc., M.A.

Melanie Leafloor, B.A.

Cheryl Lynn Macaulay*, B.A.

Joanne Moffatt*, B.S.W.

Charlene Agnes May Moysey*, B.S.W., B.Soc.Sc.

BACHELOR OF ARTS (HONOURS)

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

Lana Samir Abu-Lughod

Honours

Political Science

Concentration in International Relations

Minor in Psychology

Ameen Ahmed*

Honours

Applied Economics

Concentration in Financial Economics

Minor in Psychology

Husseina Ummayma Ahmed

With Distinction

Applied Economics

Concentration in Development

Minor in Philosophy

Abdulrahman Al-Ghamdi*

Honours

Applied Economics

Concentration in Financial Economics

Brian Tetteh Allan

Honours

Political Science

Minor in Philosophy

David Kwaku Antwi

Honours

Applied Economics

Jose Assis Giammaria

With High Distinction

Political Science

Concentration in International Relations

Minor in Communication Studies

Ola Ayyad*

Honours

Political Science

Minor in Psychology

Sarah Shelby Baker

With High Distinction

Applied Economics

Minor in French

Co-operative Education

with Study Term Abroad

Holly Theresa Bangay

With Distinction

Political Science

Minor in Communication Studies and

Minor in Sociology

Maral Batmunkh

Honours

Political Science

Concentration in International Relations

Minor in Law

Zheng Bian

Honours

Applied Economics

Minor in Mathematics

Sarah Anne Mallory Birch-Jones

Honours

Economics

Concentration in International Political

Economy

Ronan Patrick Blake

With Distinction

Political Science

David Bocian

Honours

Economics

Concentration in Financial Economics

Minor in Film Studies

David Andrew Boucaud

Honours

Political Science

Amy Elizabeth Boughner, B.A.

Honours

Political Science

Concentration in Canadian Politics

Benjamin Gilbert Bouwer

Honours

Political Science

Minor in Economics

Taib Koulmiye Boyce

Honours

Political Science

Concentration in International Relations

Minor in Law

Kathleen Mary Brennan

Honours

Political Science

Pamela Bruder*

Honours

Political Science

Concentration in International Relations

Katarina Cappuccino*

Honours

Political Science

Concentration in International Relations

Minor in French

Lvdia Jane Cavasin

Honours

Political Science

Co-operative Education

Jason Hou-Chang Chan

Honours

Political Science

Marcus Charlesworth

With Distinction Global Politics

Lin Chen

Honours

Applied Economics

Matthew Clark

Honours Economics

Sean Ian Green Colby

Honours

Political Science

Concentration in International Relations

Emily Connolly*

Honours Economics

Andrew Cunningham*

Honours Economics

Concentration in Financial Economics

John James Dahlgren*

Honours

Applied Economics

Chunyun Dai

Honours

Economics

Concentration in Financial Economics

Ahmad Darwiche

Honours

Applied Economics

Minor in Psychology and Minor in

Statistics

Mohamad Darwiche*

Honours

Applied Economics

Concentration in Financial Economics

Rachel Delaat

Honours

Political Science

Concentration in Canadian Politics

Minor in History

Josée Descoeurs*

Honours

Applied Economics

Concentration in Financial Economics

Victoria Reanne DeSouza

With High Distinction

Political Science

Concentration in International Relations

Minor in Economics

Mark Nicholas Druggett

Honours

Political Science

Samantha Lynne Duchesne*

Honours

Political Science

Concentration in International Relations

Minor in History

Yves Dushimimana

Honours

Applied Economics

Concentration in International Political

Economy

Ehren Jonathon Edwards

Honours

Political Science

Concentration in International Relations

Minor in History

Tarek El Noury*

Honours

Applied Economics

Sarah Enei

Honours

Political Science

James Eng

Honours

Economics

Concentration in Financial Economics

Minor in Business

Oluwatobi Fakorede

With High Distinction

Economics

Concentration in Financial Economics

Minor in Psychology

David Farrell*

With Distinction

Economics

Minor in Business

Rebecca Margaret Ferguson

Honours

Political Science

Concentration in International Relations

Minor in English

Brandon Fick

Honours

Political Science

Concentration in Canadian Politics

Minor in Economics

Scott Lawrence Ford*

Honours

Political Science

Concentration in International Relations

Minor in History

James Daniel Foster

Honours

Political Science

Concentration in International Relations

Thomas From

Honours

Political Science

Concentration in International Relations

Gino Joseph John Funai*

Honours

Political Science

Concentration in International Relations

Andres Gallacher

Honours

Global Politics

Minor in History

Luisa Fernanda Garcia

Honours

Political Science

Minor in Law

Andrew Gauvreau, B.A.

With Distinction

Applied Economics

Lorne Geller

Honours

Political Science

Promise George-Nwaeke

Honours

Economics

Minor in Business

Mohammed GH

Honours

Political Science

Concentration in International Relations

Co-operative Education

Yao Gu

With High Distinction

Economics

Minor in Japanese

Elizabeth Sarah Haire

With Distinction

Political Science

Concentration in International Relations

Minor in Law

Co-operative Education

Ahmad Hamzeh*

Honours

Applied Economics

Jordan Victor Hardwick

Honours

Political Science

Darroch Thomas Harrop

Honours

Economics

Concentration in International Political

Economy

Minor in Political Science

Monia Salah Hassan

Honours

Political Science

Concentration in International Relations

Sam Heaton*

Honours

Political Science

Virginia Henry

Honours

Political Science

Concentration in Public Affairs and Policy

Analysis

Alexander Bradley Hoffer

With Distinction

Political Science

Concentration in Public Affairs and Policy

Analysis

Daniel Hollingbery

Honours

Political Science

Concentration in International Relations

Caitlyn Rose Forsyth Hyndman

With Distinction

Political Science

Concentration in International Relations

Amanda Nicole Iaboni

Honours

Political Science

Jeffery Ikenna Ikeaka

Honours

Political Science

Concentration in International Relations

Shawn Omonefe Imoni*

Honours

Economics

Concentration in Financial Economics

Katherine Mary Jones*

Honours

Political Science

Concentration in Public Affairs and Policy

Analysis

Minor in Law

Stephanie Marie Joyce

With High Distinction

Political Science

Minor in Philosophy

Jordan Adam Kafka

With High Distinction

Economics

Concentration in Financial Economics

Musa Samuel Kargbo*, B.Sc.

Honours

Economics

Leandra Kavals

Honours

Applied Economics

Minor in Psychology

Kayin Kelly

Honours

Political Science Minor in Philosophy

Ali Khan*

Honours

Applied Economics

Concentration in International Political

Economy

Minor in Political Science

Sadia Khan*

Honours

Political Science

Min Kyung Kil

With Distinction

Political Science

Concentration in International Relations

Minor in Japanese

Lynn Elizabeth Kreviazuk*

Honours

Political Science

Minor in Law

Rawan Kulaib

Honours

Global Politics

Minor in Law

Andrew Lai

With Distinction

Economics

Concentration in Financial Economics

Matthew Larventz

Honours

Political Science

Graham John Laurie

With High Distinction

Political Science

Concentration in Canadian Politics

Co-operative Education

Kimberley Evelyn Jessica Lawson

Honours

Global Politics

Minor in Spanish

Myles Albert Leach

Honours

Political Science

Concentration in International Relations

Alexander Nicholas Leclair

Honours

Political Science

Concentration in Political Theory

Minor in Law

Andrew Lentini*

Honours

Political Science

Minor in Philosophy

Grace Xue Ying Li

Honours

Applied Economics

Mary-Rose Najung Lim*

Honours

Applied Economics

Andrew Gordon Macdonald

Honours

Economics

Bradley William MacKay

With Distinction

Political Science

Minor in History

Duncan Robert MacQuarrie

With High Distinction

Political Science

Concentration in Public Affairs and Policy

Analysis

Minor in English

Themistocles Manginas

Honours

Political Science

Minor in Philosophy

Ksenia Kirillovna Martynova

Honours

Applied Economics

Concentration in Financial Economics

Minor in French

Kiernan McClelland

With High Distinction

Political Science

Concentration in International Relations

Kyle David McKay*

Honours

Political Science

Concentration in International Relations

Jason Grant McKinnon

Honours

Political Science

Daryl McLellan

Honours

Political Science

Minor in Law

Eleanor Melanson Honours

Applied Economics

Applied Economics

Minor in Business

Osbern Mendonca

Honours

Applied Economics

Concentration in Financial Economics

Melissa Mills

Honours

Applied Economics

Louise Margaret Montesano

With High Distinction

Fconomics

Concentration in Natural Resources,

Environment and Economy

Minor in French

Noor Ossama Badr Muawad

Honours

Political Science

Hind Mubarak

Honours

Political Science

Concentration in Public Affairs and Policy

Analysis

Madeleine Nadeau

With High Distinction

Political Science

Concentration in International Relations

Juhi Batool Naseem

Honours

Political Science

Concentration in Public Affairs and Policy

Analysis

Cordelia Quaye Odame

With Distinction

Political Science

Minor in Law

Folarin Oluwasola A. Odunayo

Honours

Economics

Concentration in Financial Economics

Catherine Anna Lucille O'Gorman*

With High Distinction

Global Politics

Minor in French and Minor in Spanish

Jonathan Wade Orford

Honours

Applied Economics

Concentration in Natural Resources,

Environment and Economy

Keisha Panoff

Honours

Economics

Concentration in Financial Economics

Nicholas Paul Patience

Honours

Economics

Concentration in Financial Economics

Laura Patrick

Honours

Political Science

Concentration in Canadian Politics

Minor in Mandarin Chinese

Zarah Elenya Pazooki

Honours

Global Politics

Lana Peric

Honours

Political Science

Concentration in International Relations Minor in European and Russian Studies

with Study Year Abroad

Laura Prosser

Honours

Political Science

Concentration in International Relations

Minor in French

Co-operative Education with Study Term Abroad

Zillur Rahman, B.A.

Honours

Economics

Chad William Lorne Richards

With Distinction

Political Science

Concentration in International Relations

Minor in French

Tasha Eve Sarah Riddell

Honours

Political Science

Concentration in International Relations

Minor in French

Amanda Roberts

With High Distinction

Political Science

Concentration in Political Theory

Minor in French

Trevor Richard Ruzylo

Honours

Political Science

Salvador Sacasa*

Honours

Applied Economics

Concentration in Financial Economics

Minor in Business

Vasishtha Seeram Maharaj*

Honours

Political Science

Concentration in International Relations

Antoni Angelo De Guzma Seloterio*

Honours

Political Science

Concentration in International Relations

Alibek Sergaliyev

Honours

Economics

Manasa Seshan

Honours

Political Science

Concentration in International Relations

Victor Manuel Sevilla Valenzuela

With Distinction

Political Science

Concentration in International Relations

Minor in History

Brandon Kim Sharman

Honours

Economics

Minor in Mathematics and Minor in

Technology, Society, and Environment

Studies

Jatinder Singh

Honours

Applied Economics

Concentration in Financial Economics

Minor in Statistics

Sean Stone

Honours

Political Science

Madoka Sugimoto

Honours

Applied Economics

Rachel Hwey-Ling Tam

With Distinction

Political Science

Concentration in International Relations

Minor in History

Samrawit Tamru Hailemariam

Honours

Economics

Concentration in Financial Economics

Kayley Maria Thibodeau

Honours

Political Science

Concentration in International Relations

Minor in Business

Erin Yarrow Thompson

With High Distinction

Political Science

Concentration in International Relations

Minor in Spanish

with Study Year Abroad

Kayla Marlene Tink

With High Distinction

Political Science

Concentration in Public Affairs and Policy

Analysis

Minor in French

John Creswick Turner

With High Distinction Political Science

Kaitlin Louise Walker

Honours

Global Politics

Minor in Law

Alisha Williams

Honours

Political Science

Concentration in International Relations

Minor in History

with Study Year Abroad

Lee Williamson

With High Distinction

Global Politics

Minor in History

Chengfeng Xu, B.Sc.M.

With High Distinction

Economics

Wuqiushi Yang

Honours

Applied Economics

Concentration in Financial Economics

Ivana Yelich

Honours

Political Science

Qiwei Yu

With High Distinction

Applied Economics

Concentration in Financial Economics

Claire Zhou

Honours

Political Science

Concentration in International Relations

Haobo Zhou

Honours

Economics

Concentration in Financial Economics

Chaohao Zhu, B.A.

Honours

Economics

BACHELOR OF ARTS

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

Yara Aboukhamis

Economics

Mohsen Abu Jubara*

Economics

Qussai Abu-Nagoos

Political Science

Concentration in International Relations

Anam Ahmed

Economics

Petchompu Akarapanich

Economics

Adnan A. Alghusain

Economics

Ihsan Alhalawani*

Economics

Saud Alhudayan

Economics

Nour Al-Husseini

Economics

Nima Ali

Political Science

Concentration in International Relations

Minor in History

Essa Khalid Alrumaihi

Economics

Emad Alsayegh

Economics

Khalfan Saeed Alsuwaidi

Political Science

Concentration in International Relations

Arianna Amendola*

Economics

Minor in History

Paola Ansieta

Economics

William Au

Economics

Mario Balerna

Political Science

Jonathan Michael Batten

Political Science

Layla Baysuyeva*

Political Science

Concentration in International Relations

Pawneet Brar*

Economics

Sarah Breault

Economics

Sara May Caverley

Political Science

David Céleste

Economics

Minor in Psychology

Melissa Chan

Political Science

Shazeb Majeed Chaudhry

Economics

Minor in Law

Xiaoxiao Chen*

Economics

Mathew Clancy

Political Science

Richard Alexander Clark*

Political Science

Rylan George Coburn

Political Science

Concentration in International Relations

Bianca Maria Colatruglio*

Political Science

Colin D. Cooke

Political Science

Michael Scott Coulterman

Economics

Gabriel Counsil

Political Science

Minor in Law

Ziping Cui*

Economics

Rachel Toni Czapka

Economics

Taylor Sylvain D'Amours

Political Science

Camran Sid Danesh*

Economics

Julian Marco Joseph D'Angelo

Economics

Robin Darasha

Political Science

Andrea Dark

Political Science

Minor in Religion

Jennifer Davis

Political Science

Concentration in Canadian Politics

Brianna Lynn Del Bosco-Harris

Political Science

Zexi Dong

Economics

Fadi El-Agha*

Economics

Ryan Evans, Cert.

Political Science

With Distinction

Ashlev Fenrich

Feonomics

ECOHOTHICS

Minor in Mathematics

Faisal Ghali

Political Science

Minor in Communication Studies

Omar Kheir Ghandour*

Political Science

Concentration in International Relations

Calvin Gillis

Economics

Hillary Gonzalez Arciniegas

Political Science

Concentration in International Relations

Benjamin Green-Stacey*

Political Science

Minor in History

Jordan Guthrie*

Economics

Allie Hann

Political Science

With Distinction

Bei Hao

Economics

Fatima Hassan*

Political Science

Yu Ming He

Economics

Zhicheng He

Economics

Mitchell Frederick Houlahan

Political Science

Chao Huang*

Economics

Warren Huff

Economics

Alexander Hunter*

Economics

Abdirahman Hussein*

Political Science

Amal Hussein

Political Science

Andrea Jeakins*

Political Science

Alex Weichao Jia*

Economics

Ruiyi Jin

Economics

Minor in Japanese

Sky Alexis Victoria Karalekas

Political Science

Keamogetse Neo Keitumetse

Economics

Zarian Khan

Economics

Denise Frances Kisch

Political Science

Lindsay Marguerite Joyce Lahaie*

Political Science

Concentration in International Relations

Minor in Law

Katherine LaPlante*

Political Science

Hoi Yin Lau

Economics

Siyu Li*

Economics

Yafang Liu

Economics

With Distinction

Michael Colvin Luces

Economics

Cali Rose MacCulloch

Economics

Randy Allan Mahoney*

Economics

Ednaldo Henda Francisco Martins*

Economics

Cynthia Rose Mastromattei

Economics

Bo Qiao Meng*

Economics

Chao Mena*

Economics

Marie-Pauline Nina Mengbwa*

Political Science

Concentration in International Relations

Mignote Demrew Metaferia

Political Science

Concentration in International Relations

Luke Alexander Metzler*, B.A.

Economics

Minor in Statistics

With High Distinction

Paul Clement Milindi

Political Science

Concentration in International Relations

Abdullah Munir Mohd Aizaini

Economics

Irene Neeposh, Dip.

Political Science

Wenjing Nie

Economics

Andrew Novosad

Political Science

Gregory Ntore

Economics

Michael Obasiolu

Economics

Minor in Political Science

Faisal Mohammed Omar

Political Science

Concentration in International Relations

Wesley Lawrence Padbury*

Political Science

Concentration in Public Affairs and Policy

Analysis

Shruti Pandey

Economics

Vanessa Perkins*

Political Science

Kristin Perodeau*

Political Science

Concentration in Canadian Politics

Minor in Law

Cindy Pham*

Economics

Minor in Statistics

Hay-Yin Alvin Pong

Economics

Paige Esther Postma

Political Science

Minor in American Sign Language and

Minor in Law

Jennifer J. Prevost*

Economics

Analy Carolina Ramirez Matheus

Political Science

Laura Anne Richardson*, B.A.

Political Science

with Study Term Abroad

Steve Rubayika*

Economics

Trent Lawrence Running

Political Science

Alice Elizabeth Fitzgerald Ryan

Political Science

Abdallah Saket

Economics

Christopher Sardinha

Political Science

Raffaele Rocco Pietro Siciliano

Political Science

Conor Reitzel Sinnott

Political Science

Concentration in International Relations

Cameron Stewart

Political Science

James Francis Stewart*

Political Science

Minor in Canadian Studies and Minor in

French

Marshall Alexander Stewart, B.I.B.

Economics

With Distinction

Tanner Trepanier

Political Science

Minor in History

Sarah Tuepah*

Political Science

Concentration in International Relations

Pedro Filipe Vasconcelos Domingos*

Political Science

Concentration in International Relations

Nikhlesh Bharat Vaswani*

Economics

Junting Wang*

Economics

Yao Wang

Economics

Wei Qiang Wei

Economics

Monika Heidi Weiler

Economics

Dongfang Wen

Economics

Paul Christoph Wernick

Political Science

Concentration in International Relations

Laurie Ann Wilson

Political Science

John Joseph Wintermeyer

Political Science

Sze Wing Wu

Economics

Yuchen Wu*

Economics

Yushi Xie

Economics

Fang Xu*

Economics

Fan Yang*

Economics

Hang Yang

Economics

Arisa Yoshida*

Economics

Minor in Mathematics

Luke James Zettel*

Political Science

You Zhou*

Economics

BACHELOR OF SOCIAL WORK

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

Amanda Armstrong, B.A.

With High Distinction

Daniela Arrieta

Honours

Laura Bauman

With High Distinction

Jennifer Bernard*

With High Distinction

Michelle-Lee Blackburn

Honours

Carmen Maria Borger

With High Distinction

Haley Dawn Bowes

Honours

Rebecca Lyn Comeau, B.A.

Honours

Fiona Dalv*

Honours

Kristy-Lu Desrosiers

Honours

Kristen Michelle deVries

With High Distinction Minor in Psychology

Virginia Irene Duarte Walsh, B.A.

Honours

Tiffany Dumont

Honours

Jessica Emily Dvet

Honours

Sharon Ellis-Hamill

Honours

Lisa Fabian*, B.A.

Honours

Shane Faith

Honours

Mariom Veruska Ferrer, B.J., Dip.

With Distinction

Kathleen Fielding

With Distinction

Minor in Psychology

Melanie Finney

With High Distinction Minor in Psychology

Jennifer Gagne

Honours

Brittany Anne Gamble

Honours

Minor in Psychology

Kirstvn K. Greenside*

Honours

Chanle Brooke Harte-Maxwell

With Distinction

Minor in Women's and Gender Studies

Bethany Ruth Hartgerink

With High Distinction

Belinda Gayle Hartsgrove*

With Distinction

Minor in American Sign Language and

Minor in Psychology

Julia Mary Hayko

Honours

Minor in Communication Studies

Pamela Heise*, B.Kin., B.Sc.

Honours

Amey Rebecca Jackson

Honours

Minor in Psychology

Jennifer Klatt

Honours

Thaddine Elizabeth Kozela*

Honours

Matthew David Darrell LaFosse*, B.Soc.Sc.

Honours

Camelia La Riccia

With High Distinction

Minor in French and Minor in Psychology

Elyse La Salle

With High Distinction

Minor in Sociology

Rachel Elizabeth Lawless

Honours

Katherine Legros

Honours

Candice Lidster

Honours

Jennifer Luypaert-O'Rourke, B.A.

Honours

Benyamin Matinpour*, B.A.Ed., B.Theol.

Honours

Patrick McDermott, Dip.

Honours

Christina McMillan, Dip.

Honours

Jessica Marie-France Ménard, B.A.

With High Distinction

Jessica Meunier

Honours

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

With High Distinction

Chelcie Alicia Myers

With High Distinction

Minor in Psychology

Dunia Naboulsi*

Honours

Samantha Leanne Neeb

With Distinction

Minor in Psychology

Michelle Christine Olivier

Honours

Michelle Marie Ouimet

Honours

Ryan Pascal

Honours

Minor in Psychology

Sophie Pelletier

With Distinction

Nicole Peters*, Dip.

Honours

Kathryn Pritchard*

With High Distinction

Jillian Probe*

Honours

Minor in Psychology

Melissa Proulx

Honours

Minor in Religion

Carl Radford*

Honours

Laura Randolph*, B.A., Dip.

Honours

Kimberly Roach*, B.A.

Honours

Victoria Roberts

With High Distinction

Rachel Lynn Robinson

Honours

Megan Lynne Rousselle

Honours

Minor in Sociology

Aneesha Sidhu*, Dip.

Honours

Gavin Simmons-Feigel, B.A.

Honours

Meagan Anne Sommers

Honours

Minor in Psychology

Meredith Rose Stewart

Honours

Jacqueline Julie Trudel

With High Distinction

Xiaoxi Wang*

Honours

Isabeau Tokio Welter

Honours

Minor in Women's and Gender Studies

Amanda Young

Honours

Ida Zanon, B.A.

With High Distinction

POST-BACCALAUREATE DIPLOMA IN ECONOMICS

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

Suhair Al-Risheq, B.Acc.

Robyn A. Gibbard, B.P.A.P.M.

Daniella Kwayu, B.Sc.

Yayu Li

Joan Ofulue, B.Sc.

Zaid Shelleh, B.B.A., B.Eng., M.B.A., M.Eng.

Cona Yu

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 130,000 people living and working around the world who all share a proud connection with this university. This network can help you realize your dreams, open doors around the world, and connect you to your alma mater.

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

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

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

