Carleton UNIVERSITY

147th CONVOCATION

Saturday, November 14

Ottawa, Ontario, Canada

2015 FALL CONVOCATION

Convocation at Carleton

Officiating Officers	5
Assisting the Chancellor	6
Medallists in the Graduating Class	7

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Morning Ceremony - Saturday, November 14, 9:30 a.m.

Honorary Degree Recipient, The Honourable Justice Murray Sinclair1	0
Order of Proceedings	11

Doctor of Philosophy from the Faculty of Arts and Social Sciences; Doctor of Philosophy from the Sprott School of Business; Doctor of Philosophy from the Faculty of Science; Master of Arts; Master of Business Administration; Master of Cognitive Science; Master of Computer Science; Master of Science; Graduate Diploma in Health: Science, Technology and Policy; Bachelor of Arts (Honours); Bachelor of Arts; Bachelor of Cognitive Science (Honours); Bachelor of Cognitive Science; Bachelor of Humanities; Bachelor of Music; Bachelor of Commerce; Bachelor of International Business; Bachelor of Computer Science; Bachelor of Computer Science Major; Bachelor of Mathematics (Honours); Bachelor of Mathematics; Bachelor of Science (Honours); Bachelor of Science (Major); Bachelor of Science; Certificate in the Teaching English as a Second Language

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Afternoon Ceremony - Saturday, November 14, 2:00 p.m.

Honorary Degree Recipient, Ben Heppner	36
Order of Proceedings	37

Doctor of Philosophy from the Faculty of Public Affairs; Doctor of Philosophy from the Faculty of Engineering and Design; Master of Arts; Master of Applied Science; Master of Engineering; Master of Architecture; Master of Design; Master of Infrastructure Protection and International Security; Master of Journalism; Master of Philanthropy and Nonprofit Leadership; Master of Political Management; Master of Social Work; Graduate Certificate in Conflict Resolution; Graduate Diploma in Conflict Resolution; Graduate Diploma in Philanthropy and Nonprofit Leadership; Bachelor of Architectural Studies; Bachelor of Arts (Honours); Bachelor of Arts; Bachelor of Engineering; Bachelor of Industrial Design; Bachelor of Information Technology; Bachelor of Journalism; Bachelor of Public Affairs and Policy Management; Bachelor of Social Work

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 Marshal of Convocation. During the ceremony, the mace is displayed as an

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

THE DIPLOMA

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

ACADEMIC DRESS

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

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

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

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

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

ALUMNI HALL

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

OFFICIATING OFFICERS

Chancellor of the University



Charles Chi, B.Eng.

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

The President and Vice-Chancellor



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

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

Vice-Chair of the Board of Governors



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

Chris Carruthers is Vice-Chair of the Board and the Board's representative on Carleton's Senate. A proud alumnus of Carleton, where he earned a Bachelor of Science, he is an orthopaedic surgeon and most recently served as chief of staff at the Ottawa Hospital. He has served on many boards, including the University of Ottawa Heart Institute, the Ontario Hospital Association and Ashbury College. He was re-elected to the Carleton Board for a three-year term ending on June 30, 2017.

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

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

Associate Marshals of Convocation

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

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

Beadles of Convocation

Shaundel M. Dottin-Agim Undergraduate Recruitment Office

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

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

Karla Creech, *B.A.* University Registrar's Office

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

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

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

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

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

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, 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)

Diane Berezowski

Assistant Coordinator Circulation, School of Studies in Art & Culture

Amanda Bettencourt Learning Support Coordinator, Paul Menton Centre

Vicki Boman Case Manager, Office of the Director of Students Affairs

Robin Dunbar Undergraduate Administrator, Criminology & Criminal Justice

Geri Johnston Executive Assistant, Office of Vice President (Students & Enrolment)

Samantha Shortt Coordinator, WTS, Student Academic Success Centre

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

MEDALLISTS IN THE GRADUATING CLASS

GOVERNOR GENERAL'S MEDAL

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

Donor: His Excellency the Governor General of Canada

Leslie Maaike Helmus

CHANCELLOR'S MEDAL

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

Sofia Maria Rani Jain-Schlaepfer

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

Kasey Douglas

UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

WORK—Doctoral Level Awarded, when merited, for outstanding graduate work at the doctoral level

Robyn McQuaid

UNIVERSITY MEDAL FOR OUTSTANDING GRADUATE

WORK—Master's Level Awarded, when merited, for outstanding graduate work at the master's level

Eve-Marie Blouin-Hudon

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

Arts

Kathryn Esther Nicholson

Robyn Pelletier

Commerce

Meghan Anne Hearn

Computer Science

Nigel Mason

Engineering

Barbara Dimitrova

Humanities

Christopher James Love

Music

Ronald Deschamps

Science

Natalie Annette Woerlen

SENATE MEDALS FOR OUTSTANDING ACADEMIC ACHIEVEMENT — Graduate

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

Doctoral Level

Kobana Abdulai Abukari Mohammadreza Ataei Naeini Jason Crann Caleb Lloyd

Master's Level

Zahide Alaca

Brittany Blaskovits

Ryan Scott Killick

Daniella Niyonkuru

Marcus Sibley

SENATE MEDALS FOR OUTSTANDING ACADEMIC

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

Trevor James Anzai

Katrina Bekkers

Daniel Bettencourt

Emily Barbara-Mary Carley

Natalie Marie Cryderman

Brittany Vanessa Cuthill

Dirie Mohamed Dahir

Chealsea Alexandra De Moor

Alina Katharine-Bortolussi Dixon

Jennifer Ferraro

Jessica Gallant

Stephanie Jennifer Mah

Melissa Ann Marie Nesrallah

Masoumeh Noei

Renee Claire Pelletier

Bronwen Perley-Robertson

Paul Rassi

Sage B. Sezlik

David Smith

Renée Elizabeth Taylor

Mariana Toledo

RECOGNITION OF HIGH ACADEMIC ACHIEVEMENT

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

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

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

MORNING CEREMONY

Saturday, November 14, 9:30 a.m.

HONORARY DEGREE RECIPIENT

The Honourable Justice Murray Sinclair



The Honourable Justice Murray Sinclair will be awarded the degree of Doctor of Laws, *honoris causa*, at the 9:30 a.m. ceremony on Saturday, November 14, "in recognition of his stellar career in judiciary as well as his dedication, care and service to Aboriginal and First Nations peoples and to all Canadians in leading the Truth and Reconciliation Commission."

Justice Sinclair was appointed chair of the Commission in June 2009 to look into the history and legacy of Indian residential schools.

He was called to the Manitoba Bar in 1980 and became known primarily for his representation of Aboriginal people and his knowledge of Aboriginal legal issues. He was Manitoba's first Aboriginal judge and only the second in Canada. He was appointed associate chief judge of the Provincial Court of Manitoba in March 1988 and to Manitoba's Court of Queen's Bench in January 2001.

He was co-commissioner of Manitoba's Aboriginal Justice Inquiry, which spent three years studying the province's administration of justice and its impact on Aboriginals. In 2000, Justice Sinclair completed the report of the Pediatric Cardiac Surgery Inquest into the deaths of 12 children at Winnipeg's Health Sciences Centre in 1994.

He has received a National Aboriginal Achievement Award in addition to many other community service awards and nine honorary degrees.

ORDER OF PROCEEDINGS

Morning ceremony

Saturday, November 14, 9:30 a.m.

Chancellor Charles Chi, B.Eng., presiding

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

Processional Music

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

O Canada (The audience is invited to sing. Please see page 2) Performed by Malak Ghanem

Opening Ceremony Elder, Lois McCallum Representing the Métis

Introduction by the Master of Ceremonies Peter Rickets, *B.A., Ph.D.* Provost and Vice-President (Academic)

Conferring of the Degree of Doctor of Laws, *honoris causa*, upon The Honourable Justice Murray Sinclair (Presented by Kimberley Matheson, *B.A., M.A., Ph.D.*, Department of Psychology)

Honouring Ceremony Lois McCallum, Elder Make Wade, Singer Keri Mitchell

Convocation Address The Honourable Justice Murray Sinclair

Conferring of Degrees and Awarding of Medals Warrant Katharine Kelly, *B.A., M.A., Ph.D.* Marshal of Convocation

Welcome from the Alumni Association Chancellor Charles Chi

Closing Address by the President and Vice-Chancellor Roseann O'Reilly Runte, C.M., B.A., M.A., Ph.D.

Recessional Music

DOCTOR OF PHILOSOPHY

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

COGNITIVE SCIENCE

Elizabeth Jannett Christie

The English Resultative Supervisors: D. Asudeh and D. Toivonen

ENGLISH

Aliesha Waheeda Hosein

From Slave Ships to Cruise Ships: Ships, Boats and Sailing Vessels in the Literature of the Caribbean Supervisor: S. Casteel

PSYCHOLOGY

Heather Jeanne Clark

An Examination of Developmental Cascades of Risk From Childhood to Adulthood Supervisor: A. Forth

Dena Derkzen

Heterogeneity of Violent Offenders & the Implications for Correctional Treatment: A Descriptive Profile & Examination of Treatment-Related Outcomes & Executive Cognitive Functioning in Reactive & Instrumental Violent Offenders Supervisor: R. Serin

Leigh Erin Greiner

Finding a Middle Ground: Advancing the Feminist Pathways Paradigm Through Intergration with What Works with Adolescent Offenders Supervisor: S. Brown

Mohsen Haghbin

Conceptualization and Operationalization of Delay: Development and Validation of the Multifaceted Measure of Academic Procrastination and the Delay Questionnaire Supervisor: T. Pychyl

Chantal Amanda Hermann

Evaluations of Rape: Investigations Using Implicit and Explicit Measures, Online Research Methodology, and Samples of Community Men Supervisor: K. Nunes

Glen Howell

Self-Reference Elicits Slower Recall for Personality Congruent Adjectives: An Item-Specific Processing Effect *Supervisor: J. Zelenski*

Caleb Lloyd

Can a Dynamic Risk Instrument Make Short-Term Predictions in Real Time? Developing a Framework for Testing Proximal Assessment of Offender Recidivism Risk During Re-entry Supervisor: R. Serin

Gal Podjarny

A Tale of Two Flexibilities: Preschoolers Developing Consecutive and Concurrent Cognitive Flexibility Skills *Supervisor: D. Kamawar*

SOCIOLOGY

Jordan Fairbairn

Ecologies of Change: Violence Against Women Prevention, Feminist Public Sociology, and Social Media *Supervisors: A. Doyle and M. Dawson*

Priscillia J. Lefebvre

Medicating the Crisis: Investigating the Links Between Precarious Employment, Mental Health Issues, and the Reliance on Antidepressants as Treatment *Supervisor: A. Shotwell* Specialization in Political Economy

Madalena Santos

Circulating Texts: Challenging Zionist Myths Through Narratives of Creative Palestinian Resistance and Solidarity *Supervisor: N. Abdo*

Catherine Tuey

Remainders of Loss: Memorialization Beyond the Funeral *Supervisors: A. Hunt and M. White*

Amanda Wilson

Sowing the Seeds of a Collective Autonomy: An Analysis of Post-Capitalist Possibilities in Food-Based Livelihoods *Supervisor: J. Siltanen* Specialization in Political Economy

MANAGEMENT

Kobana Abdulai Abukari

Three Essays on Stock Exchange Demutualization and Mergers Supervisor: I. Otchere

BIOLOGY

Danielle Fraser

Change in North American Mammal Community Structure Under Late Cenozoic (-36 Ma - Present) Climate Change Supervisors: R. Gorelick and N. Rybczynski

Amanda Martin

The Interacting Effects of the Historic Landscape Structure, Human Landscape Change, and Species Mobility on Species Extinction Risk in Human-Altered Landscapes: An Evolutionary Perspective Supervisor: L Fahrig

Anna Francina Webster

A Toxicogenomics Study of the Hepatocarcinogen Furan Supervisors: I. Lambert and C. Yauk

COMPUTER SCIENCE

Fraser Lachlan MacQuarrie

Searching with Two-Speed Autonomous Mobile Robots *Supervisor: E. Kranakis*

Gerardo B. Reynaga

The Usability of Captchas on Mobile Devices Supervisors: S. Chiasson and P. Van Oorschot

Alexander Jozef Hubertus Verdonschot

Flips and Spanners Supervisors: P. Bose and V. Dujmovic and P. Morin

PURE MATHEMATICS

Jason Crann

Homological Manifestations of Quantum Group Duality *Supervisors: M. Neufang and M. Mbekhta* In Cotutelle with Université Lille 1 (France)

PROBABILITY AND STATISTICS

Katrina Leanne Rogers-Stewart

Dose-Response Modeling for Ordinal Outcome Data Supervisors: P. Farrell and J. Nielsen

NEUROSCIENCE

Robyn McQuaid

Oxytocin and Social Sensitivity: Implications for Vulnerability to Stress and Depressive Symptoms *Supervisor: H. Anisman*

PHYSICS

Dal Alexander Granville

Development of a Technique to Simultaneously Verify Linear Energy Transfer and Absorbed Dose in Therapeutic Proton Beams *Supervisor: G. Sawakuchi* Specialization in Medical Physics

Kathryn Hartling

Theoretical and Experimental Constraints on Large Electroweak Scalar Multiplets *Supervisor: H. Logan* Specialization in High Energy Physics

Thomas McCarthy

Measurement of the Top Quark Mass in the All-Hadronic Top-Antitop Decay Channel Using Proton-Proton Collision Data from the ATLAS Experiment at a Centre-of-Mass Energy of 8 TeV *Supervisor: G. Oakham* Specialization in High Energy Physics

Elizabeth Jane Orton

Extra-Cardiac Interference in Myocardial Perfusion Imaging with Rubidium-82 and Positron Emission Tomography *Supervisor: G. Wells* Specialization in Medical Physics

MASTER OF ARTS

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

ANTHROPOLOGY

Dirk Boon

Living After Prison:The Experience of (Re)integration to Society After Release From an Ontario Correctional Facility

Courtney Diana Cameron

Dedicated Athletes, Deviant Women: The Experience of Being an Amateur Sportswoman in a Contemporary Canadian Context

John Grant MacNeil

The Construction of Identity Among Inuit Men in Ottawa Through Foodways

APPLIED LINGUISTICS AND DISCOURSE STUDIES

Tahmina Anwar

The Bangladeshi Perspective: The Case of Married Academic Women Pursuing Foreign Degrees

Diane Louise Duff

Margaret Anne Friesen Stowe

Wria Gabriel

Dmitry Lytov Specialization in Digital Humanities

Angela Sandri

Kimberly Louise Stirling

Craig St Jean

The Content, Contextualization, and Effectiveness of Writing-Assignment Instruction Documents

Veselin Stoyanov

Jing Wang

ART HISTORY

Jessica Megan Stewart

CANADIAN STUDIES

Paula Jennifer Chinkiwsky Specialization in Digital Humanities

Diana Cullen

Allister Morrison

Dustin Schultz

ENGLISH

Lucas Oliver Drerup

Chelsea Grohs

Emily Howe

Eric Longman

Jaclyn Lytle

Sabrina Marques

Michelle Murphy

Zachary Robinson

Erin Skitch

FILM STUDIES

Derek Daniher

Emily Norah Gleeson

Memories of the Photochemical: Examining the Digital Recreation of Analog Film Styles in Recent Popular Film

GEOGRAPHY

Lauren Allen

Growing in the City: Analyzing Public Urban Agriculture in Ottawa

Asli Mahdi

The Everyday Health Geographies of Bhutanese and Nepalese Migrants in Ottawa: Health, Wellbeing and Therapeutic Networks

Allison Neil

Uncertainty in Climate Change Discourse: An Examination of Regional Canadian Newspapers

HISTORY & HISTORY - PUBLIC HISTORY

Kaitlyn Benson

Making Motoring American: The Integration of the Working Class in Automobile Film Advertising in the 1930s

Kathryn Boschmann

Being Irish on the Prairies: Repertoire, Performance, and Environment in Oral History Narratives of Winnipeg Irish Canadians

Joanne DeCosse

Amy Macdonald

Sara Nixon

Jesse Robertson

Andrew Sopko

An (Im)Balance of Expectations: Civil Defence in Ottawa, 1951-1962

Cameron Eric Steacy

Mallory Jean White

MUSIC AND CULTURE

Sarah Patricia Howard

Emilie Hurst

Adventures in Time and Sound: Leitmotif and Repetition in *Doctor Who*

Gabrielle Elizabeth Kielich

The Resort Studio: An Introduction to the History and Culture of the Residential Recording Studio

Derry Neufeld

Truth and Laughter on the Seventeenth-Century Stage: Womens Voices in Early Venetian Opera

Niel Scobie

Jamaican Funk - Canadian Style: Diasporic Dialogue and Hybridized Identity in the Music of Michie Mee

PHILOSOPHY

Timothy John Grainger

Relationship, Particularism, and a Case Study of Africville: An Argument for Relational Principles

Andrew Hoult

On Relationality in Virtue Ethics: Accounting for Injustices in a Global Context

Andrew John Tweedie

Reference and Grammar: Reasserting Wittgensteins Picture

PSYCHOLOGY

Katherine Elizabeth Andrews

Preschoolers Development of Intent-Based Moral Judgements and the Role of Theory of Mind

Brittany Blaskovits

Walk This Way: A Kinematic Point-Light Investigation of Victim Vulnerability

Eve-Marie Blouin-Hudon

Nurturing the Temporally Extended Self: Mental Imagery as an Intervention to Increase Future Self-Continuity and Reduce Academic Procrastination

Frances Paula Churcher

The Predictive Validity of the Two-Tiered Violence Risk Estimates Scale (TTV) in a Long Term Follow-Up of High Risk Federal Offenders

Anika Elisabeth Cloutier

Times They Are a Changin: An Examination of Congruent Temporal Appraisals for Self and the Romantic Partner

Jamie Curno

Risky Business: The Role of Psychopathy and Violence Risk Assessment in Forensic Decision-Making

Alison Laurie Elizabeth Kirkpatrick

Get a Social Life: Predictors and Outcomes of Maternal Beliefs About Young Childrens Peer Relations

Janelle Lebreton

Novelty vs. Predictability: Relationship Tensions in Close Relationships

Adam Garry Lewis

Exercise and Sports Participation: Understanding Student Motivations

Kendra Jennie McLaughlin

Being Good Without God: Moral Similarity Between Theists and Atheists Leads to Collective Angst and Prejudice Against Atheists

Sarah McQuaid

A Profile of Inmates Admitted to the Special Handling Unit in the Correctional Service of Canada

Jordan Monnink

Perceived Realism and the CSI-Effect

Gabriella Anita Nocita

The Power of Playing and Performing: Social Anxiety and Participation in Extracurricular Activities in Early Childhood

Heidi O'Hagan

Attitudes, Associates, and Romantic Partners: Validating the Measure of Criminal Attitudes and Associates (MCAA) in a Sample of Male and Female Adolescent Offenders

Kaitlin Pardoel

Measuring Parole Officer Competencies to Advance Core Correctional Practice

Elizabeth Schultheis

Jurors Perceptions of an Elderly Eyewitness: Effects of Geriatric Diagnosis, Level of Care and Age

Nicole Anne Summers

Do You Stand By or Stand Up? Bystander Characteristics in Social Bullying and Cyberbullying

Ellen Tansony

Do You See What Eye See: The Effect of Psychopathic Traits on Memory and Attention to Emotional Images

Kaitlyn Nicole Wardrop

Development and Validation of a Parole Quality Assurance Inventory (PQAI)

Kristen White

The Relationship Between Attitudes, Peer Norms, and Sexual Aggression

RELIGION AND PUBLIC LIFE

Krystal J. Elkhoury

Jasveen Saluja

Michael Saverio Tibollo

Melissa Wright

SOCIOLOGY

Maximilian Chewinski

Knots that Strain and Threads that Bind: NGO-Grassroots Dynamics in the Movement Web Challenging Canadian Resource Extractivism

James Eastman Timmons

Taxing Away Citizenship: Do American-Canadian Dual Citizens Consider Their Status to be an Inconvenience?

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Thinking Through the Future of Care: Elder People's Understandings of, and Feelings About, Robotic Interventions in Elder Care

Alexander John Luscombe

Where States Lie: A Historical Sociological Investigation into the Art of Cover Storying in a Secret Cold War Intelligence Operation

Emily Symons

"I'm Not Looking for Mr. Right, Just Mr. Right Now": Men Clients of Men Escorts

Jordon Tomblin

The Rehearsal and Performance of Lawful Access Specialization in Digital Humanities

WOMEN'S AND GENDER STUDIES

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ACH Walkthrough: Designing and Building a Web Application for Collaborative Sensemaking

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A Scheduling Algorithm for Hadoop MapReduce Workflows with Budget Constraints in the Heterogeneous Cloud

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Ecological Correlates of Baseline and Maximum Glucocorticoid Concentrations in Wild Freshwater Fish

Magdalena Bugno

NFE2L Regulation by Endoplasmic Reticulum Stress

Trevor Burt

Taxonomic Revision of Four Nearctic Conopidae (Insecta: Diptera) Genera (*Dalmannia, Roberstonomyia, Stylogaster* and *Zodion*) with Notes on all Other Nearctic Genera

Salima Chatur

Identification and Characterization of a NADPH Oxidase Target in *Fusarium Graminearum*

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Effects of Farmland Heterogeneity on Pollination Potential of Agricultural Landscapes in Eastern Ontario

Michelle Loranger

The Effect of Male-Male Fight Observation on Female Choice and Offspring Quality in *Gryllus Assimilis*

Anna Lukina

Evaluating Trivalent Chromium (CRIII) Toxicity on Wild Terrestrial Plants Specialization in Chemical and Environmental Toxicology

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Effects of Farmland Heterogeneity on Bat Species Richness and Abundance in Agricultural Eastern Ontario

Carolyne Samir Moussa

The Effect of Paternal Dietary Folic Acid on Male Fertility and Embryo Development in Balb/c Mice

Victoria Nowell

Conservation Genetics and Habitat Characteristics of Few-flowered Clubrush (*Trichophorum Planifolium* (Spreng.) Palla), an Endangered Woodland Sedge in Canada

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The Thermal Biology of Fish in the Laurentian Great Lakes: Insight from Biologging and Biotelemetry Tools

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The Effect of Domestic Cat (*Felis Catus*) Density on Urban Bird Abundance and Richness

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Regulation of Lactate Dehydrogenase and Glycerol-3-Phosphate Dehydrogenase in Mammalian Hibernation

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Functional Interactions Between TALE and Lateral Organ Boundary Transcription Factors in Regulation of Flowering in *Arabidopsis Thaliana*

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Influence of Male Mating History on Female Mate Choice in the Trinidadian Guppy (*Poecilia Reticulata*)

Thomas Villeneuve

Does the Lake Huron Shoreline Influence Distributions, Altitudes, and Flight Directions of Nocturnally Migrating Birds?

CHEMISTRY

Carlos Ramon Canez Quijada

Increasing the Sensitivity of Phospholipid Analyses From Biological Extracts via Trimethylation Enhancement Using Diazomethane (TrEnDi) and Tandem Mass Spectrometry

Yichen Du

Antioxidant Activity of Oat Peptides in Hepatic HepG2 Cells Concentration in Food Science and Nutrition

Nadine Frost

Fumonisin B₁ Aptamer Optimization and Progress Towards Mycotoxin Nanoaptasensors

Rowida Elfatih Mohamed

Distribution of Antimicrobial Lipopeptides in Bacillus and *Pseudomonas* spp.; Two Genera with Antagonistic Effects Against Plant Pathogens Concentration in Food Science and Nutrition

Natasha Prince

Biologically-Active Secondary Metabolites of Foliar Endophytes of Conifers and the Understory Species *Rhododendron Groenlandicum* from the Acadian Forest Specialization in Chemical and Environmental Toxicology

GEOGRAPHY

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Differences in Methane Production, Storage and Transport Among Plant Community Types During a Wet Summer at Mer Bleue Bog, Ottawa

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Impacts of Retrogressive Permafrost Thaw Slumps on Aquatic Systems in the Peel Plateau, Northwest Territories, Canada

Gregory Lewis-Paley

Ice Island Variability in Polarimetric Synthetic Aperture Radar: An Exploratory Analysis to Improve Detection and Ice Classification

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Evaluating the Effectiveness of Three Dimensional Geovisualization Tools in Communicating Climate Change Impacts, A PEI Case Study

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Diana Karena Volesky

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Jamilah Alanazi

Representation by Quaternary Quadratic Forms Whose Coefficients are 1, 2, 7 and 14

Alia Ali Alkhathami

Score Tests for Testing Homogeneity of Recurrent Event Times Using Frailty Models

Mada Altiary

Representations by Quaternary Quadratic Forms With Coefficients are 1,2,5 or 10

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Impartial Intersection Restriction Games

Sangook Kim

Methods for Analyzing Longitudinal Binary Data with Missing Responses

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The Long-Term Effect of Juvenile Stressor Exposure and Access to Palatable Food: Alterations in Dopamine and Ghrelin Signalling

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Preclinical Evaluations of the Blend Extract of Souroubea Sympetala and Platanus Occidentalis in Rats: Proposal of a Potential Novel Treatment for Post-Traumatic Stress Disorder

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The Role of LRRK2 G2019S Mutation in Neuroinflammatory Processes and Its Relevance for Parkinsons Disease

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Tissue Plasminogen Activator (tPA) Promotes Postnatal Cortical Neuron Survival *in Vitro* via JAK2- and mTOR-Dependent Mechanisms

Sonia Hanea

Use of Retinal Explants to Examine the Effect of Granulocyte-Macrophage Colony-Stimulating Factor on Neurite Growth

Maha Abdu Mahdi

Structural Development of Hippocampal CA3 Pyramidal Neurons and Relation to the Development of Spatial Learning and Memory in Rats

Nikolaos Tzakis

The Acquisition and Expression of Remote Spatial Memories Formed During the Juvenile Period Are Impaired by AMPAr Blockade

Arielle Weir

Changes in Hippocampal Plasticity and HPA Axis Function Following Postnatal Exposure to Di(2-Ethylhexyl) Phthalate in Rats

PHYSICS

Ryan Scott Killick

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Catherine Badets

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Nathan Lockie

Fanta Siboko

Honours Concentration in International Business

Jack Jeffrey Slaven

Honours Concentration in Information Systems and Concentration in Finance Co-operative Education

Lisa Michelle Stobbe

Honours Concentration in Accounting Co-operative Education

Adam Suwalski

With High Distinction Concentration in Accounting Co-operative Education

Jingwei Tian

Honours Minor in Economics

Kevin Tran Honours

Honours

Alecsandru Ionel Tudor Honours

nonours

Fei Wang

Honours

Heather Patricia Warren

Honours Concentration in Management

Enpu Wei

Honours Concentration in Finance

Dylan Stan Williams

Honours Concentration in Accounting

Li Shun Yuan

Honours Concentration in Accounting Minor in Statistics

Yanhan Yue With Distinction

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Amanda Michele Dundas

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Honours Minor in Spanish with Study Year Abroad

Christopher John Halliday

Honours with Study Year Abroad

Nicholas Kristopher Hape

Honours Minor in Spanish with Study Year Abroad

Hazim Hassan

Honours Concentration in International Marketing and Trade with Study Year Abroad

Jingyao Kang

Honours with Study Year Abroad

Stephen Lang

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

Tassen Maham Manzoor

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

Alexandra Olsen

With High Distinction Concentration in International Strategy and Human Resources Management Minor in Spanish with Study Year Abroad

Erendira Perez Yanez

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Benjamin Adam Reeds

Honours with Study Year Abroad

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Christopher Roger Dufour Honours

Minor in Sociology

Martin Gingras

Honours Co-operative Education

Zoltan Hernadi Honours

Richard Huynh

Honours

Sehwan Lee With Distinction Minor in Japanese Co-operative Education Nigel Mason

With High Distinction Co-operative Education

Neil Quinn With High Distinction

Minor in Mathematics Co-operative Education

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Philippe Alexandre Colverson

Logan Lim

Bo Liu

Andrew MacCuaig

Jayson Robert Earl McIntosh

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Farbod Pourvash Minor in Psychology

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Menan Vadivelpillai

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Honours Statistics Andrew Stelmack

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Mathematics

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Colin Abbott

With High Distinction Environmental Science

Eman Ali A. Alghamdi

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

Linah Awadallah

Honours Neuroscience and Mental Health Minor in Psychology

Meron Abraham Berhe

Honours Psychology Minor in Neuroscience and Mental Health

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Jackson Alexander Chafe With High Distinction Neuroscience

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Danika Morgan Cziranka-Crooks With High Distinction Biology Minor in Psychology Kathryn Dalton Honours Neuroscience and Mental Health Minor in Psychology Craig Day Honours **Earth Sciences Caleigh Delle Palme** Honours **Environmental Science** with Study Term Abroad Felicia Leana Deonarine With Distinction **Biology and Biotechnology** Josette Kathryn Edelman Honours Psychology Sarah Ewing Honours

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Nicole Filipow With High Distinction Biology Concentration in Health Science Minor in Neuroscience and Mental Health

Jennifer Gabel With High Distinction Neuroscience and Mental Health

Isabelle Gauthier With High Distinction Environmental Science

Anisha Ghelani Honours Biochemistry and Biotechnology

Konrad Gorzkowski Honours Chemistry

Adrienne Denise Hung Honours Environmental Science

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Samantha Kerr

Honours Integrated Science Concentration in Life and Health Sciences

Travis Jeremy Kirkwood With High Distinction Psychology

Jasmine Natalie Lévesque With Distinction Integrated Science Minor in Psychology

Calvin Luong With High Distinction Neuroscience and Mental Health

Aayesha Moitra Honours Biology **Concentration in Health Science** Peter Alexander Oliver Honours Earth Sciences Concentration in Geophysics Yinmin Ou Honours Integrated Science Minor in Psychology Jason Bradley Quinn Honours Chemistry Concentration in Nanotechnology Andrew Justin Sellathurai Honours Chemistry Aditya Shankar Honours Psychology Minor in Neuroscience and Mental Health Derek Anton Sheppard Honours Biology **Ryan Robert Taylor** Honours Psychology Maddison Turner Honours Neuroscience and Mental Health Minor in Psychology Sean Thomas Ward Honours Psychology with Study Term Abroad **Timothy Isaac Wilson** Honours Chemistry Minor in Neuroscience and Mental Health Natalie Annette Woerlen With High Distinction **Biology and Biotechnology**

BACHELOR OF SCIENCE (MAJOR)

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

Cristina Cynthia Boselli Biology

Pawan Chopra Biochemistry

Kang Du Environmental Science

Robin John Elsamah Biology Minor in Chemistry

Brandon Elliott Everson Biochemistry

Lauren Amber Houston Biochemistry

Michael Gezaee Kahssay Physics

BACHELOR OF SCIENCE

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

Alana M. Ali-Ridha Integrated Science Minor in Neuroscience and Mental Health and Minor in Psychology

Duncan Arbuckle Biology

Jonathan Farmer Biology

Meghan Griffin Biology

Ritishka Grover Integrated Science Minor in Mathematics

Abdirahman Mohamed Jama Integrated Science

Abdullahi Jama Integrated Science

Curtis Daniel Larsen Integrated Science

Prashath Mailvaganam Integrated Science

Trevor John Arthur Meakin Earth Sciences Masoumeh Noei Integrated Science With High Distinction

Debajyoti Panda Integrated Science

Christine Park Neuroscience and Mental Health

Eider Pereira Integrated Science Concentration in Forensic Science

Cameron Alexander Rodgers

Integrated Science Concentration in Life and Health Sciences

Pratik Shah Integrated Science

Minor in Mathematics

Megan Ann Simon Neuroscience and Mental Health

Mandeep Singh Integrated Science

Shannon Elizabeth Steenwyk Biology

David Leonardo Vargas Chemistry

CERTIFICATE IN THE TEACHING OF ENGLISH AS A SECOND LANGUAGE

(Presented by Professor Catherine Khordoc Dean (Interim), Faculty of Arts and Social Sciences)

Abeer Kulaib

Joanne E. Poole

34

AFTERNOON CEREMONY

Saturday, November 14, 2:00 p.m.

HONORARY DEGREE RECIPIENT

Ben Heppner



Ben Heppner will be awarded the degree of Doctor of Music, *honoris causa*, at the 2:00 p.m. ceremony on Saturday, November 14, "in recognition of his contribution to the pure enjoyment and appreciation of classical music through his consummate artistry, creative genius, arts advocacy, and ability to communicate his impressive knowledge."

He gained an international reputation as a prominent contemporary dramatic tenor. His career has taken him to opera stages and concert halls around the globe. Associated particularly with the Wangerian repertoire, he has performed a wide range of operas from the German, French and Italian canons.

Ben Heppner, who announced his retirement from singing in April 2014, studied music at the University of British Columbia and first attracted national attention in 1979 as the winner of the CBC Talent Festival.

He is a 1988 winner of the Metropolitan Opera auditions and received Grammy[®] Awards in 1998 for his recording of *Die Meistersinger* on London/Decca records and in 2001 for his recording of *Les Troyens* with the London Symphony Orchestra on LSOLive. He is a Companion of the Order of Canada.

Ben Heppner has taken his voice to the airwaves of CBC Radio as the host of Saturday Afternoon at the Opera and Backstage.

He also hosts master classes, coaches singers for roles and appears on voice competition juries.

He has received several honorary doctorates in addition to many other awards for his singing talent.

ORDER OF PROCEEDINGS

Afternoon ceremony

Saturday, November 14, 2:00 p.m.

Chancellor Charles Chi, B.Eng., presiding

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

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

O Canada (The audience is invited to sing. Please see page 2.) Performed by Malak Ghanem

Opening Ceremony Elder, Lois McCallum Representing the Métis

Introduction by the Master of Ceremonies Nimal Rajapakse, *B.Sc., M.Sc., Ph.D.* Vice-President (Research and International)

Conferring of the Degree of Doctor of Music, *honoris causa*, upon Ben Heppner (Presented by Paul Théberge, *B.A., M.A., Ph.D.*

Assistant Director, School for Studies in Art and Culture (Music))

Convocation Address Ben Heppner Tenor

Conferring of Degrees and Awarding of Medals Warrant Katharine Kelly, *B.A., M.A., Ph.D.* Marshal of Convocation

Welcome from the Alumni Association Chancellor Charles Chi

Closing Address by the President and Vice-Chancellor Roseann O'Reilly Runte, C.M., B.A., M.A., Ph.D.

Recessional Music

DOCTOR OF PHILOSOPHY

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

ECONOMICS

Charles Jasper Saunders

Four Essays on Dynamic Panel Models *Supervisor: L. Khalaf*

POLITICAL SCIENCE

Lesley Claire Copeland

Pearl Harbor and American Intelligence Culture: Cultural Symbols in American Intelligence Discourse Communities, Meta-Theoretical Lenses and Multi-Perspective Approaches Supervisor: M. Sucharov

David Matijasevich

Agonism and Antagonism: Past and Future Possibilites of Radical Democracy *Supervisor: A. Hurrelmann*

Hamed Mousavi

A Cultural Approach to Foreign Policy Analysis: The Role of Political Ideologies in Shaping Israeli Policy Toward the Peace Process *Supervisor: M. Sucharov*

Horia Cosmin Nedelcu

Anti-Establishment Radical Parties in 21st Century Europe *Supervisor: J. DeBardeleben*

Scott Pruysers

Two Political Worlds? Reconsidering Vertical Party Integration In Canada: Evidence From Ontario Supervisor: W. Cross

AEROSPACE ENGINEERING

Matthew Jordan Bourassa

Dynamics and Control of Lunisolar Perturbations for Highly-Eccentric Earth-Orbiting Satellites Supervisors: F. Afagh and R. Langlois and B. Burlton

Christian Jesús García López

Modeling of Residual Stress Fields and Their Effects on Fatigue Crack Growth *Supervisors: A. Artemev and M. Martinez*

Syed Ali Raza

Autonomous UAV Control for Low-Altitude Flight in an Urban Gust Environment Supervisor: J. Etele

CIVIL ENGINEERING

Mubarak Bakheet Ghaith Al-Falahi

Development of Economic and Reliable Tool for Condition Survey and Middle Management of Asphalt Pavement Supervisors: A. Abd El Halim and R. Hafez

Omran R. Maadani

Evaluation of the AASHTO Mechanistic Empirical Pavement Design Guide: An Experimental and Analytical Investigation of the Performance of Flexible Roads Supervisor: A. Abd El Halim

Amir Rafinazari

Investigation of the Effects of Make-up Air on Atrium Smoke Conditions *Supervisor: G. Hadjisophocleous*

ELECTRICAL AND COMPUTER ENGINEERING

AbdelRahman Mohamed Abdou

Internet Location Verification: Challenges and Solutions Supervisors: A. Matrawy and P. Van Oorschot

Mohammadreza Ataei Naeini

Analysis of Wireless Multi-Hop Broadcasting: Optimal and Approximate Solutions and Applications Supervisors: A. Banihashemi and T. Kunz

Aizaz ul Haque Chaudhry

Spectrum Requirements for Interference-Free Wireless Mesh Networks *Supervisors: R. Hafez and J. Chinneck*

Alan Davoust

Decentralized Social Data Sharing Supervisor: B. Esfandiari

Wen Kevin Luo

Enhancing Rates In Relay Channels Supervisors: H. Yanikomeroglu and R. Gohary

Melin Kume Ngwar

An Analog Neural Network for Wideband Predistortion of Pico-cell Power Amplifiers Supervisor: J. Wight

Zeinab Zeinalkhani

Compressed Sensing of Block Sparse Signals with Application to Wideband Spectrum Sensing *Supervisor: A. Banihashemi*

ENVIRONMENTAL ENGINEERING

Farid Amid

Variational Inverse Modeling of Regional Nitrogen Oxides Emissions Supervisor: A. Hakami

James Alexander Brian Diak

Freeze-Thaw Sludge Stabilisation and Dewatering using Ferrate (VI) Supervisor: B. Ormeci

Audrey Murray

Evaluation of Non-Imprinted Polymer Particles for Advanced Treatment of Water and Wastewater *Supervisor: B. Ormeci*

MASTER OF ARTS

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

COMMUNICATION

Henry Guardado

Central America and El Salvador: The History of Telecommunication Services, Regulation, and the Digital Divide

Eva Morin

ECONOMICS

Amal Ben Messaoud

Concentration in Financial Economics

Jarett Cupolo

Kaleigh Elizabeth Dowsett

Ali Eissa

Tawsif Hasan

Lin Liu

Shuo Liu

Duncan MacDonald

Sayed Ahmad Elyas Najafizada

Rui Ou Concentration in Financial Economics

Martin Sers

Huiyuan Sun Concentration in Financial Economics

EUROPEAN, RUSSIAN AND EURASIAN STUDIES

Pierre Olivier Bussieres

Diana Mariana Chiriac Co-operative Education

Sebastian Coll Clough Co-operative Education

Jason D'Amour

Kimberley Alexandra Dillon

Ottilie Kate Grisdale

Seeing Past the Post-9/11 Framing: The Long Rise of Anti-Islam Politics in the Netherlands

Alex Jazz Groarke

Co-operative Education

Taylor Lynn Heaven Co-operative Education

Konstantin Manyakin

Multiculturalism in Western Europe: From Implementation to Failure Co-operative Education

HUMAN-COMPUTER

INTERACTION

Doaa Elrayes

Understanding the Factors that Affect Motivation of Local Students to Interact with International Students in Online Social Communities

Laila Goubran

Information Collection in Forest Fire Response Operations; A Foundation for Situation Awareness

Ravina Samaroo

Intent-Gesture Relationships for Collaborative Information Visualization

INTERNATIONAL AFFAIRS

Samar Abid

International Development Policy, Cooperative Education Graham Allen Co-operative Education

Liam McIntyre Bedard Conflict Analysis and Conflict Resolution

Meghan Blom International Development Policy

Melissa Bonga Co-operative Education

Gregor Stevie Campbell Co-operative Education

Mathieu DesRoches Co-operative Education

Olivia Dooley Specialization in African Studies

Marion Guay-Arcand Co-operative Education

Rayaz Khan International Economic Policy

Danielle MacDonald Intelligence and National Security

Chantal Martin Co-operative Education

Dianne Mckenzie Co-operative Education

Erik Mjanes International Organizations and Global Public Policy

Jessica Nasrallah

Bethanie Pascutto International Development Policy

Conor Joseph Robertson International Economic Policy

Sarah Schattmann

Development Projects and Planning, Cooperative Education

Kateryna Sherysheva

International Development Policy, Cooperative Education

Amanda Smith-Millar

Melinda Angelia Stevenson

International Organizations and Global Public Policy, Co-operative Education

Matthew Taylor

Intelligence and National Security, Cooperative Education

Diane Tisdall

Development Projects and Planning, Cooperative Education

LEGAL STUDIES

Andre Arnet-Zargarian

A Critical Analysis of the World Trade Organization Ministerial Decision on Public Stockholding Programs

Taleen M. Boudakian

The Voice of the People: Can Gladue Offer a Meaningful Source of Healing to its Clients?

Jenaaleinee Davarajah

Louis Alfredo Garcia

Tsilhqotin Nation v British Columbia: Aboriginal Title, Indigenous Resurgence, and the Politics of Recognition

Rusen Firat Gulluoglu

Reclaiming the End(s) of Politics: Considerations on the Possibility of a Renewed Agonistic Understanding of the Post-Political

Samantha Hogg

Paul Henry Montsion

Temma Pinkofsky

Unsettling Miss Chief and Buffalo Boy: Interrupting Canadas Politics of Reconciliation

Marcus Sibley

Affecting the Frame: Risk, Vulnerability, and Sex Worker Subjectivities

Andrew Tompkins

Queering Canadian Homonationalism: Limited Approaches to Foreign Homophobia

POLITICAL ECONOMY

Jon Careless

Tracking Evolutions in CMHC Policy (1965-2006): Using Bob Jessops Strategic Relational State Theory

Lesley Christine Cornelisse

Organizing for Social Policy Change: Child Care Policy Advocacy in Canada

Jessica Elizabeth Egginton

Benjamin Tyler Johnson

Norman Kearney

Participatory Breakthroughs and Reversals: A Case Study of Participatory Budgeting in Hamilton, Canada

Katalin Koller

Toward a Political Economy of On-Reserve Indigenous Education in Canada: Problematizing Bill C-33

Christine Stenton

Struggling for the Right to the City: *In Situ* Informal Settlement Upgrading in Kibera, Nairobi Specialization in African Studies

POLITICAL SCIENCE

Justin Andrew Campbell

Erotic Economics: Metaphysical Foundations in Three Platonic Dialogues

Kathleen Lynn Canjar

A Threat to Order: A Voegelinian Exploration of Modernity, Spiritual Crisis, and Resistance

Rumbidzai Chimhanda

Courtney Lockhart

It's Happening Here! Anti-Trafficking Policy in the City of Ottawa - A Critical Analysis

Carolyn Elizabeth M^cKee

Gendering Temporariness: Stratified Citizenship and Hierarchies of Skill in Canadas Temporary Foreign Worker Program

Robin James Varma

Torrance J. Wylie

PUBLIC ADMINISTRATION

Fariz Ahmadov Co-operative Education

Kaylie Badham

Kaitlyn Brennan

Derek Chaume Co-operative Education

Alexander David Clark

Ariane Desmarais-Michaud Co-operative Education

Scott Matthew George Hayhow Co-operative Education

Natalia Jaczkowski Co-operative Education

Julie Nero

Kevin G. Nugent Co-operative Education

Alyssa Phillips Co-operative Education

Nathan Platte Co-operative Education

Nadia Rawshan

Amanda Simourd

Gennifer Stainforth

Nicole Melanie Uher Co-operative Education

Rachel Watterson

SUSTAINABLE ENERGY

Juan Felipe Guerrero Palacio

Qiushi Cathy Liu Co-operative Education

Peter Stanley Massie

MASTER OF APPLIED SCIENCE

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

AEROSPACE ENGINEERING

Mitch Daniel Kibsey

Influence of Mach Number on Profile Loss of Axial-Flow Turbine Blades

Frédéric Laforge

The Development of a Diesel Injector Experiment to Study the Combined Effects of Oxidation and Shear on Lubricating Oil Viscosity

Yingying Ye

Evolutionary Neural Network-Based Obstacle Avoidance for a Planetary Exploration Rover

BIOMEDICAL ENGINEERING

Colin Miyata

Development of a Safety-Oriented Interaction Strategy and Compliant Limb Sensor System for a Gait Rehabilitation Robot

Daphne Eu-Jhia Ong

An Integrated Machine Learning Approach to Optimize the Estimation of Preterm Birth

Justin Wagenaar

Electrical Impedance Tomography in 3D: Characterization and Evaluation

CIVIL ENGINEERING

Ghazi Abou El Hosn

Enhancement of Shaft Capacity of Castin-Place Piles Using a Hook System

George Mensah Adom

An Innovative Foundation System For Bollards and Barriers

Haitham Osama AlRajie

Investigation of Using Microscopic Traffic Simulation Tools to Predict Traffic Conflicts Between Right-Turning Vehicles and Through Cyclists at Signalized Intersections

Samuel Bright Amankwah Boadi

Full Scale Tests on the Performance of Hybrid Timber Connections in Real Fires

Ahmed Alaa El Din Hassan

Modelling of Debonding Mechanisms in Externally Bonded FRP Sheets in RC Shear Walls for Earthquake Resistance

Mohammadamin Hosseini

Evolution of Pile Shaft Capacity over Time in Soft Clays (Case Study: Leda Clay)

Elizaveta Sergueevna Rozina

Bearing Capacity of Multilayer-Deposited In-line Flocculated Oil Sands Tailings

Hossein Sallehi

Characterization of Cement Paste in Fresh State Using Electrical Resistivity Technique

Mathew Vincent Turco

Full-Scale Experiments to Investigate the Use of a Water Curtain Over Openings to Prevent Fire Spread to Adjacent Properties

ELECTRICAL AND COMPUTER ENGINEERING

Francisca Funmilayo Adaramola

Fast Adaptive Digital Pre-Distortion Scheme for Application in Cellular Base Station Power Amplifiers

Seyed Mohammad Ebrahim Farhangdoust

Finite Length Analysis of Verifcation-Based Message Passing Algorithms in Compressed Sensing

Ravneet Kaur

Lightweight Robust Optimizer for Distributed Application Deployment in Multi-Clouds

Inan Korkmaz

Fast Demand Control in Smart Grid Communications with User-in-the-Loop (UIL) Method

Daniella Niyonkuru

Bare-Metal Kernels for DEVS Model Execution in Embedded Systems

Howard John Northfield

Fabrication of Long Range Surface Plasmon Polariton Bragg Waveguide Biosensors on Cytop and Multilayer Substrates

Revanth Pentyala

Variable Length Windowing to Improve Non-Negative Matrix Factorization of Music Signals

Man Si

Investigation of Mobile Network Traffic Using Hadoop and Mahout Machine Learning Methods

ENVIRONMENTAL ENGINEERING

Sahil Dhawan

Investigation into Nutrient Supplementation for Organic Carbon Removal in Drinking Water Biofilters

James Thomas Doyle

A Quasi-Thermal-Mechanical-Biological Model of the Ste-Sophie, QC Landfill

HUMAN-COMPUTER

INTERACTION ENGINEERING

Farshad Daliri

Visual Feedback to Perform Bend Gestures on Flexible Displays

Matthew Ernst

Bending Blindly: Exploring the Learnability and Usability of Bend Gestures for the Visually Impaired

Diane Hould

Development of a Graphical User Interface Presenting Turbulent Airflow Over A Flight-Deck For Improved Situational Awareness For Helicopter Pilots in Challenging Wind Conditions

Feng Su

Acoustic Imaging Using a 64-Node Microphone Array and Beamformer System

MECHANICAL ENGINEERING

Mark E. Cohen

Three-Dimensional Mixed-Mode Fracture of the Four-Point Shear Specimen

Robert Henry De Snoo

Assessing Composite and Fibre Metal Laminate Materials for Automotive Applications Through Impact and Quasi-Static Indentation Testing

Yichen Gu

Temperature-Dependent Fracture Toughness Evaluation of WC-10Co4Cr Coating/1018 Low Carbon Steel Substrate System

Ayman Ibrahim

Development and Evaluation of Anti-Abrasion Polymer Coatings for Circulation Coins

Matteo James Louter

Novel Structural Design of a Piezo Transducer for Roadway Power Harvesting Applications

Curtis John St. Louis

A Novel Technique for Addition of Hydrogen to Zirconium Alloys: *Mechanical Hydrogen Ingress and Its Applications*

Gabriel Joseph Surette

Molybdenum-100 Targets for Cyclotron Production of Technetium-99m

SUSTAINABLE ENERGY

ENGINEERING

Jayson Bursill

Evaluation of Heat Pump Water Heater Performance and Optimization Strategies In Cold Climates

Nuriat Tiwatayo Lawal

An Evaluation of Model Predictive Control of Automated Shading to Optimize Passive Solar Gains

Austin Selvig

Cost-Effective Net-Zero Energy Houses Through Optimization

TECHNOLOGY INNOVATION MANAGEMENT ENGINEERING

Hamidreza Kavandi

Use of Entrepreneurial Marketing in Fostering Resellers' Adoption of Smart Micro-Grid Technology

MASTER OF ENGINEERING

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

AEROSPACE

Priyanka Lanka Soha Firozkhan Pathan

CIVIL

Baraa Adil Alfasi Mohannad A. Alyamani Abdul Ahad Ansari

Jason Olinski

Abdul Sabur Sayyed

ELECTRICAL AND COMPUTER

Rima Osama Darwish Alkhalili Abhishek Deverakonda Ferhan Jamal Kutaib Javed Mohit Kaushal Sharanya Kolloju

Ghada Ragab

Xiaolong Zhao

ENVIRONMENTAL

Asma Yasin

SUSTAINABLE ENERGY

Anoop Gandhi Aravindan Prakash

TECHNOLOGY INNOVATION MANAGEMENT

Paniz Pakshir Subakumaran Radhakrishnan Vignesh Sundaresan

MASTER OF ARCHITECTURE

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

Sarah Almaki

The Urban Bridge: Walking Baghdad

Veronica Consales

De-Medicalizing Architecture: Humanizing Design and Intervention for Elderly Care

Thaly Drouin-Crespin

Scaffolding Democracy: Democracy as the Impossible Project of Architecture?

Meria Faidi

The Casbah: Reimagining the Counter-Space

Ema Graci

Grounding Condoland: Counteracting Future Decline

Timothy Lobsinger The Anxiety of Architecture

Simin Soleymani

The Hammam: The Restoration and Revitalization of Tehrans *Qibla Hammam* (The *Khanum Hammam*)

MASTER OF DESIGN

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

Daniel Abs da Cruz Bianchi

Exploring Fictional Scenarios of Pervasive Computing to Identify Meaningful Gestures for Intuitive Interactions

Neil Voorneveld

An Assessment of Wheelchair Provision in the Majority World with a Focus on Uganda Through Fieldwork

Maya Lourenço Levin

A User-Centred Design Approach to Ubiquitous Computing and Framing Communication in Football

MASTER OF INFRASTRUCTURE PROTECTION AND INTERNATIONAL SECURITY

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

Omer Elahi

Ziad Ibrahim

Fady Georgy Labib

Mark Schaus

Gregory Stephen Yonick

MASTER OF JOURNALISM

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

Darryl G. Dean

Calypso as a Vehicle for Political Commentary: An Endangered Musical Species Kyalo Nguku Field Notes on Social Media in Kenya

Kiran Rana

Mara Selanders

MASTER OF PHILANTHROPY AND NONPROFIT LEADERSHIP

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

Tara Marie Brinston Matthew James Cole Leslie Forsyth Justin Fortin Bernadette Johnson

Whitley Monique Languedoc Heather Norris Jennifer Sault Zahra Stark Ye Kyung Sung

MASTER OF POLITICAL MANAGEMENT

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

Gregory Douglas Archibald	Yves Andre Lessard
Andrea C. O. Bass	Jeff Mackey
Hardave Birk	Anas Marwah
Nathan Gordon Clark	Gregory McClinchey
Alla Drigola	Michael Penney
Jonathan Dugal	Melissa Nicole Rumble
Tamsin Colleen Fitzgerald	Ro'a Saafan
Alexander Gray	Joel Jonathan Tallerico
Emina M. Jasarevic	Kevin Tetreault
Mark Johnson	Cameron Wilson
Jacynthe Lachance	Meagan Anne Zettler
Krista Leben	

MASTER OF SOCIAL WORK

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

Joy Enohuomen Ahiaegbe	Kristina Stephanie Dunbar
Zahide Alaca	Sandra Eckersley
Christina Anglin	Nwanneka Uzoamaka Ejiofor
Madelena F. Arnone	Megan Franklin
Loulwa Bakkar	Mary Theresa Fulton
Tanweer Katharina Bokhari	Susan Gauthier
Alysha Bonnick	Olivia Gilmer-Chekosky
Emily Burton	Hillary Greer
Erica Carson	Natasha Mae Krista Hawley
Caitlin Rebecca Carter	Doug Heintz Grove
E. Jane Cunningham	Robyn Brenda Henderson
Christine Dinnery	Katelin Hummel

Jordan Ashley MacLaren Emily Marie McFadden Kelly Sorene McIennan Dominique Molzan Sarah Murphy Magdalena Palleja Rosich Shannon Parsons Evelyn Plettenberg-Smith Onessa Cassandra Robertson

Tammy Schneider

Sasha Marie Séguin

Julie Shaw

A Feminist Evaluation of Victim Services of Leeds and Grenvilles Youth Program with a View to Preventing Violence Against Women and Girls

Jessica Dawn Steward Krystal Jyl Thomas

Chanel White

GRADUATE CERTIFICATE IN CONFLICT RESOLUTION

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

Jeremy Allen Cringle

GRADUATE DIPLOMA IN CONFLICT RESOLUTION

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

Sarah Jane Ashton

Joanne W. Roulston

GRADUATE DIPLOMA IN PHILANTHROPY AND NONPROFIT LEADERSHIP

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

Sheryl Lynn Mary Moran

Brianna Salmon

Teresa Tunney

BACHELOR OF ARCHITECTURAL STUDIES

(Presented by Professor Ben Gianni Azrieli School of Architecture and Urbanism)

Celine Julie Boulanger

Conservation and Sustainability Azrieli School of Architecture and Urbanism

Michael Damini

Design Azrieli School of Architecture and Urbanism

Victoria Isabell McCrum

Urbanism Azrieli School of Architecture and Urbanism

Serena Jewel Prosser

Design Azrieli School of Architecture and Urbanism

Nadezhda Voitenok

Conservation and Sustainability Azrieli School of Architecture and Urbanism

Yi Xuan Wang

Design Azrieli School of Architecture and Urbanism

Zachary Alexander Woloschuk

Urbanism Azrieli School of Architecture and Urbanism

BACHELOR OF ARTS (HONOURS)

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

Abdel Kareem Abou-Seido Honours Applied Economics Concentration in Financial Economics

Omar Ahmed

Honours Political Science Concentration in International Relations

Yassmeen Al-Husseini Honours

Communication Studies

Abdulaziz Khaleefa Almuhsen

Honours Applied Economics

Emad Zuhair Alsayegh

Honours Applied Economics Concentration in Financial Economics

Mohammed Alshaebi

Honours Applied Economics

Seham Al-Subairi

Honours Law Minor in Women's and Gender Studies

Yi An

Honours Applied Economics

Daniel Joseph Archibald

Honours Communication Studies Concentration in Image, Politics and Persuasion Co-operative Education

Corinne Baray

Honours Law

Katrina Bekkers With High Distinction

Law Minor in Psychology

Daniel Bertrand With Distinction

History and Law

Daniel Bettencourt With High Distinction **Political Science Concentration in North American Politics** Minor in Economics **Co-operative Education** Ahmed Bin Milud Honours **Applied Economics Concentration in Financial Economics** Amir Bizimana Honours **Applied Economics** Leanne Michelle Bonell Honours Law Minor in Psychology Benjamin Kees Booi Honours **Political Science** Minor in Business Brittney L. Borgatti Honours Criminology and Criminal Justice Concentration in Sociology Justin Bullen Honours **Communication Studies** Amy Burnham With Distinction I aw **Emily Barbara-Mary Carley** With High Distinction

With High Distinction Law and Psychology

Erin Patrick Carr

Honours Political Science Concentration in International Relations

Kieran Donald Patrick Carreiro

Honours Law Concentration in Business Law

Tahseen Chowdhury

Honours Political Science Concentration in International Relations Minor in Economics

Nak In Chung

Honours Communication Studies

Jonathan Co

Honours Law Concentration in Law, Policy and Government

Hilary Brianne Colley

Honours Communication Studies Minor in French with Study Term Abroad

David Jeffrey Cone

With High Distinction Criminology and Criminal Justice Concentration in Psychology Minor in Neuroscience and Mental Health

Natalie Marie Cryderman

With High Distinction Political Science and Sociology

William Christopher Dennee

Honours History and Political Science Minor in Economics

Alina Katharine-Bortolussi Dixon

With High Distinction Human Rights and Political Science Minor in African Studies and Minor in History

Brianne Lorraine Donaldson

Honours Communication Studies

Miaoran Dong

Honours Art History and Communication Studies Minor in American Sign Language

Jacqueline Duckett

Honours Applied Economics Concentration in Financial Economics

Michael James Elliott

Honours Communication Studies

Hilary Enns

Honours Political Science Concentration in International Relations

Uzoma Loveth Ezeifeka

Honours Communication Studies and Political Science Concentration in International Relations Minor in Sociology

Alexandra Victoria Fallis

Honours Communication Studies Minor in Psychology

Dylan Fawcett

Honours Criminology and Criminal Justice Concentration in Psychology

Natasha Fernandes

Honours Law Concentration in Business Law

Andrew Foot

Honours Applied Economics Concentration in Financial Economics Minor in Mathematics

Kevin Futi

Honours Law Minor in Psychology

Jessica Gallant

With High Distinction Economics Minor in Mathematics

Viktoria Galociova

Honours Economics Minor in Business

Jasmin Garic

Honours Political Science Concentration in International Relations

Levi-Matthew Gordon

Honours Law

Geneva Grzybowski

Honours Law Minor in American Sign Language

Fanny Hagerimana

Honours Criminology and Criminal Justice Concentration in Psychology

Sarah Hart

Honours Law

Sihaam Hussein

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

Fidelité Inagajo

Honours Economics Concentration in Financial Economics Minor in Business

Mona Jerry

Honours Law Concentration in Law, Policy and Government Minor in Sociology

Ross Terence Jesseau

Honours Criminology and Criminal Justice Concentration in Sociology

Louis Kabamba

Honours

Law

Leslie Kellestine

Honours Political Science Concentration in International Relations Minor in Law

Gavin Kelly

Honours Political Science Minor in Psychology

Sumiyya Khan

Honours Communication Studies and Political Science

Olivia Kor

Honours Criminology and Criminal Justice Concentration in Law

Sidney Labbe

Honours Communication Studies Minor in English

Biatris Lasu

Honours Human Rights and Political Science Minor in History

Ann Le

Honours Communication Studies Minor in Sociology

Honours **Applied Economics** Minor in Psychology Xiaotong Li Honours **Communication Studies** Gage Andrew Macrae Honours Law Owen Keith Matson Honours Law Lamar Jerome McCormack Honours Criminology and Criminal Justice Concentration in Psychology Shane Gordon McDiarmid Honours **Communication Studies** Sara McGuigan With Distinction **Political Science** Concentration in International Relations Minor in Economics Thomas Haydn M^cInroy Honours Criminology and Criminal Justice Concentration in Law Anne Marie Mckinnon With Distinction Law with Study Term Abroad Mallory R. McNicoll Honours **Criminology and Criminal Justice** Concentration in Sociology Minor in Psychology Aramis Meilleur-Nanni Honours

Diana Alexandria Leonidis

Economics Concentration in Financial Economics

Owen Mitura

Honours Political Science Concentration in International Relations

Bradley Joseph Montgomery

Honours Law Minor in Political Science

James Graham Morrice

Honours Political Science Concentration in International Relations Minor in Law

Christopher N. Morrison

Honours Criminology and Criminal Justice Concentration in Psychology Minor in Law

Mohammad Naeem

Honours Political Science

Rigzin Namgyal With High Distinction Economics

Jean-Luc Ngabo

Honours Law

Kyle P. Nietvelt

Honours Political Science Concentration in Public Affairs and Policy Analysis with Study Term Abroad

Austin Nix

Honours Law

Luke Stephen Ottenhof

Honours Communication Studies

Mitchell Outhwaite

Honours Law Minor in Psychology

Emilio Alfredo Oviedo Cruz

Honours Economics Minor in Statistics

Elizabeth Palmieri

Honours Communication Studies Minor in Psychology Co-operative Education with Study Term Abroad

Amanda Lauren Parker

Honours Communication Studies

Laina Pilon

With Distinction Communication Studies Minor in History Co-operative Education

Lucie Marta Pinto

Honours Law Concentration in Transnational Law and Human Rights

Mathew Plescia

Honours Political Science Minor in History

Zaid Hisham Han Qarra

Honours Applied Economics Concentration in Financial Economics Minor in Business

Ashley Ranieri

Honours Criminology and Criminal Justice Concentration in Law

Rachel Reynolds

Honours Communication Studies Minor in Psychology

Gordon Richards

Honours Criminology and Criminal Justice Concentration in Psychology Minor in Sociology

Victorhea Glofina Rivilla

Honours Political Science

Irina Romanenko

Honours Criminology and Criminal Justice Concentration in Sociology

Justin Routhier

Honours Communication Studies Minor in Film Studies and Minor in Psychology

Drin Rrahmani

Honours Political Science Concentration in International Relations

Amanpreet Sahota

Honours Criminology and Criminal Justice Concentration in Sociology Minor in Law

Brendan Sam

Honours Law

Ryan Thomas Sanders

Honours Political Science Concentration in International Relations

Matthew Sardinha

Honours Political Science

Kadijah Serhan Honours Applied Economics

Bashar Khalaf Azeub Shadad Honours Law

Yara Shammas Honours Communication Studies and Psychology

Jennifer Silva Honours Law

Cody Simon Honours

Communication Studies

Deanna Simon Honours

Law

Hilary Ann Stewart Honours

Communication Studies

William John Butler Stokoe Honours

Applied Economics

Sophie St-Onge

Honours Human Rights and Political Science

Delicia Agatha C. Stuart Honours

English and Law

Fatima Tariq

Honours Political Science Minor in Religion

Mariana Toledo With High Distinction

Economics

Nicole Marie Tomassi

Honours Criminology and Criminal Justice Concentration in Law Minor in Political Science

Jennifer van Oosteroom

Honours Communication Studies

Yan David Vargas

With Distinction Geography and Political Science Concentration in International Relations with Study Term Abroad

Natalie Lizanne Verania

With High Distinction Communication Studies and Sociology Co-operative Education

Jacqueline Michelle Wagstaff

Honours Communication Studies Minor in English

Frederick Wong Waldron

Honours Criminology and Criminal Justice Concentration in Sociology

He Wang

Honours Communication Studies Concentration in Image, Politics and Persuasion

Tyson Nathan Worrall

Honours Communication Studies Concentration in Image, Politics and Persuasion Minor in Sociology

Shayan Yaqub

Honours Applied Economics

Nabila Yasmeen

Honours Law and Political Science Concentration in Transnational Law and Human Rights and Concentration in International Relations

Chelsea Dawn Young

Honours Criminology and Criminal Justice Concentration in Sociology Minor in Law

BACHELOR OF ARTS

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

Youssouf Mahamat Abbassi Economics

Amir Abdulrahman Economics

Siti Aminah Binti Abdul Rahman Economics

Wyle Al-Harbi Economics

Mansour Al Yahya Economics

Benjamin David Anderson Criminology and Criminal Justice Concentration in Sociology

Stephanie Attwood Criminology and Criminal Justice Concentration in Psychology

Eric Baisi Economics Minor in Mathematics

Matthew Sean Barr Law Minor in Political Science

Protincia Akouvi Bedzra Criminology and Criminal Justice Concentration in Law

Vanessa Bellisario Communication Studies

Samuel Alexander Boisvert Economics

Marc Albert Bouthillier Law

Christopher Brady Communication Studies

Kyle Brooks Law

Catherine Canavan Communication Studies Minor in Economics

Stephen Michael Canning Law

Ewa Celinski Communication Studies

Julie-Anne Côté Communication Studies Minor in Psychology with Study Term Abroad Emily Amanda Day Criminology and Criminal Justice Concentration in Law

Amanda Dickerson

Odion Dixon Criminology and Criminal Justice Concentration in Psychology

Matthew Richard Dobbin Communication Studies

Hayley Dobson Communication Studies

Wenqing Dong Economics

Frances Augusta Dooher Communication Studies

Kasey Douglas Economics Minor in Psychology With High Distinction

Julia Nicole Dundas Economics Minor in Spanish

Gloria Esedebe Communication Studies

Riley Nicklaus Evans Law

Joshua-Dale Foster Economics

Guneet Garcha Criminology and Criminal Justice Concentration in Law

Paul Courtney Garcia Economics

Patrick Gillespie Law

Robert Hagey Communication Studies

Connor Michael Benjamin Hamilton-Greener Criminology and Criminal Justice Concentration in Sociology

Glenn Harrop Political Science Minor in Canadian Studies Mandela Decharles Hawthorne Criminology and Criminal Justice Concentration in Law

Rachael Hill Law

Joshua Hoskins Economics

Morgan Hueston Communication Studies

Suneel Joshi Law Minor in Film Studies

Jeehee Jung Economics

Sief Al-Dine Mohamed Kassab Political Science Minor in Law

Jenna Lydia Katz Law

Moleka Kayibadi Communication Studies

Jaime Marie Kealey Communication Studies

Moiz Khan Economics

Amanda-Jane Kolacz Criminology and Criminal Justice Concentration in Psychology

Jordana Candice Kostiuk Economics

Stephanie Laforest Political Science

Steven Robert Laidlaw Economics

Daniel Lamoureux Communication Studies

Viktoria Marie Lang Criminology and Criminal Justice Concentration in Psychology

Jennifer Camilla Larsen Criminology and Criminal Justice Concentration in Sociology

Kyung Min Lee Economics Minor in Japanese

Danielle Lévesque Communication Studies Minor in Sociology

Bo Li Economics Yudan Li Economics Minor in Japanese

Robert Little Economics

Yisi Liu Economics

Emily Chi-Shan Lo Political Science

Brock Loftus Communication Studies

Jena Kimberly Robyn Lynde-Smith Communication Studies

Duncan Jacob Mackenzie Criminology and Criminal Justice Concentration in Psychology

Jessica Emily Mackenzie

Melissa Mansaray Political Science

Lwini Munira Romeu Mata Communication Studies

Harrison Stancer McCrindle Criminology and Criminal Justice Concentration in Psychology

Neil John McKenna Political Science

Brendon Alexander McLean Law

Andrew McNish Criminology and Criminal Justice Concentration in Law

Muhammad Osama Moeen Economics

Taha Moustafa Ali Mourad Economics

Tyler Michael Murray Political Science Minor in History

Sharini Murugesan Economics

Sayed Masoud Najafie Political Science

Rachel Ng Cheong Sang Economics Minor in Psychology

Ola Nour Economics Kristy Raven Odjick Law Minor in Indigenous Studies

Ashley O'Neil Communication Studies

Demosthenes Panagiotakos Political Science

Natalie Peech Law

Errin Colleen Pitts Criminology and Criminal Justice Concentration in Law

William Poelstra Political Science Concentration in International Relations

Hannah Prendergast Criminology and Criminal Justice Concentration in Psychology

Sonia Primeau Economics

Peter Rabie Political Science Concentration in International Relations

Kalyna Radzichowsky Criminology and Criminal Justice Concentration in Sociology

Ambika Rana Criminology and Criminal Justice Concentration in Law

Saja Rashid Political Science Concentration in International Relations

Paul Rassi Criminology and Criminal Justice Concentration in Law With High Distinction

Amanda Rose Economics Minor in French

Nicholas Rouleau Law

Leandro Gabriel Santos Political Science Concentration in International Relations

Mackenzie Kathryn Schuiteboer Criminology and Criminal Justice Concentration in Law

Efren Schwarz Law Dragan Semiz Political Science

Behnoush Shafiei-Sararoodi Law Minor in Political Science

Aastha Shakya Economics

Daxia Shao Economics

Jane Carolyn Soper Communication Studies Minor in Psychology

David William Randall Souliere Law

Matthew Richard Stanisz Criminology and Criminal Justice Concentration in Law Minor in Sociology

Marianna T. C. G. Sterlini Communication Studies Minor in Law

Mats Christian Striegler Political Science

Wenyi Tan Economics

Jennifer Thiboutot Criminology and Criminal Justice Concentration in Law

Andrew Benjamin Tricomi Economics

Steven Tsang Economics

Eric Frank William Vastag Criminology and Criminal Justice Concentration in Law

Jordan Patrick James Veenstra Political Science

Skylar Villeneuve Criminology and Criminal Justice Concentration in Psychology

Karen Wallace Criminology and Criminal Justice Concentration in Psychology

Wei-Hsun Wang Economics

Hamza Sarfraz Warraich Economics

Stephen Warren Political Science Tammy Margaret Iola Watters Criminology and Criminal Justice Concentration in Psychology *With Distinction*

Francesca Rose Webb Communication Studies

Abdulhamid Omar Wehbe Law

Oliver James Peter Wheller Communication Studies Minor in Law

Sagal Yusuf Political Science Concentration in International Relations Pooya Zand Vakili Communication Studies

Xiaodan Zhang Communication Studies

Yuanfang Zhang Economics Minor in Political Science

Yanhao Zhao Economics Minor in Japanese

Yuqi Zhou Economics

Liuling Zhu Economics

BACHELOR OF ENGINEERING

(Presented by Professor Rafik Goubran Dean, Faculty of Engineering and Design)

AEROSPACE

David Jonathan Jackson Rogers

Kevin Young

CIVIL

Mohammad Umar Ayub

Cameron Parker Benn

Francis Benjamin Johann Curran Co-operative Education With High Distinction

Dirie Mohamed Dahir Co-operative Education With High Distinction

Barbara Dimitrova Co-operative Education With High Distinction

Tyler Donald Ferguson

Blake Francis Gordon

Johnathan Potts

Meshal Ramadan

Xiao Wang

COMMUNICATIONS

Mohammed Al-Hazarmerdi Mohammad Hossein Doutaghy Guy Gatera Iyeze Shaheer Ahmed Mir

Ziyad Abed Rabeh

Abdulaziz Khaled Sakr

Jacqueline Waitman Minor in Business for Engineers

Mohamed Suhail ZeinEldin

COMPUTER SYSTEMS

Ali Ihsan Avci

Volodymyr Sharovar

ELECTRICAL & BIOMEDICAL AND ELECTRICAL

Ayman Ashraf Mohamed Kamal Abbas

Aisha Shareen Ahmad Shairi

Ayesha Hassan Ahmad Alshehhi

Kevin Edward Bale

Fares Ayman Elzoheiry With Distinction

Tahseen Haque Co-operative Education

Habib Adewale Hussain

Osama Javaid

Vladimir Kuznetsov

Mohit Lokhande

Nur Shakira Binti Mahmuda

Kartikeya Jit Singh Mann

BIOMEDICAL AND MECHANICAL

Matthew L. Chartrand Minor in Business for Engineers

Meagan Kathleen Marcyniuk

ENVIRONMENTAL

Jordan Smyth Co-operative Education *With Distinction*

MECHANICAL

Ciro Andrés Añez Gonzalez

Martin Simon Théorêt

SOFTWARE

Mohamed Ahmed Co-operative Education

Andrew Venus Co-operative Education

SUSTAINABLE AND RENEWABLE

ENERGY

Ryo Yonekawa

Herve Kabanda Co-operative Education

BACHELOR OF INDUSTRIAL DESIGN

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

Ryan Joseph Barsalou Minor in Art History

Javen Wilson

BACHELOR OF INFORMATION TECHNOLOGY

(Presented by Professor Rafik Goubran Dean, Faculty of Engineering and Design)

INTERACTIVE MULTIMEDIA AND DESIGN In Collaboration with Algonquin College

Michael James Ekker Sally Salah Indrit Ilir Zabzuni

Olga Cherkasskaya

BACHELOR OF JOURNALISM

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

Griffin James Elliot

Honours Journalism and Greek and Roman Studies Justin Nicholas Reeson Honours Minor in Film Studies

BACHELOR OF PUBLIC AFFAIRS AND POLICY MANAGEMENT

(Presented by Professor Barry Wright Director, Arthur Kroeger College)

Shadtha Ali

With Distinction Specialization in International Studies

Robin Brigden

Honours Specialization in International Studies

Carlo Cassone

Honours Specialization in International Studies Minor in Economics

Andrew Cormier

Honours Specialization in Public Policy and Administration Minor in Economics

Mitchell Matthew Doorey

Honours Specialization in International Studies

Chelsea Giesel

With Distinction Specialization in International Studies

Sarah Claire Hobson

Honours Specialization in Communication and Information Technology Policy Minor in Law

Taylor John Houstoun

Honours Specialization in Public Policy and Administration

Holly Rebecca Hesk Jones With Distinction Specialization in Development Studies

Christine Nasrallah

With Distinction Specialization in Public Policy and Administration Co-operative Education

Olivia Zoe Seto

Honours Specialization in International Studies

BACHELOR OF SOCIAL WORK

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

Nathalie Dufault

Honours

Hibo Elmi Honours

Elizabeth Gould Honours

Jennifer Kalus

Honours Minor in Indigenous Studies Elli MacDonnell Honours

Victoria Tammy McNicholl Honours

Ashley Pigeon Honours

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

ADDITIONS AND CORRECTIONS

The following additions and/or corrections were made by Senate following the publication of the June 2015 Convocation programs.

MASTER OF BUSINESS ADMINISTRATION

Ahmed Ibrahim AlQumaizi

Concentration in Financial Management

MASTER OF ARTS

Alana Gerarda Newbury

International Affairs International Development Policy

BACHELOR OF ARTS

Bushra Khan

Psychology With High Distinction Recipient of a Senate Medal for Outstanding Academic Achievement

Robyn Lapp

English With Distinction

