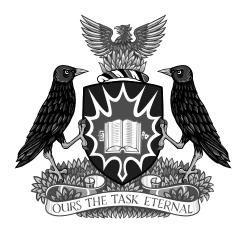
Carleton UNIVERSITY



159[™] CONVOCATION 2023

June 12, 2023

2023 Spring Convocation

Convocation at Carleton
Officiating Officers
Assisting the Chancellor
University Awards7
Medallists in the Graduating Class8
Ceremony 1 – Monday, June 12, 9:00 a.m11
Honorary Degree Recipient, Katharine B. Stevenson12
Order of Proceedings
Doctor of Philosophy; Master of Accounting; Master of Business Administration; Master of Science; Bachelor of Commerce Honours; Bachelor of International Business Honours; Post Baccalaureate Diploma in Accounting
Ceremony 2 – Monday, June 12, 12:30 p.m
Convocation Speaker, Maria DeRosa, Dean, Faculty of Science
Order of Proceedings
Doctor of Philosophy; Master of Arts; Master of Computer Science; Master of Human- Computer Interaction; Bachelor of Computer Science Honours; Bachelor of Computer Science Major
Ceremony 3 – Monday, June 12, 3:30 p.m
Honorary Degree Recipient, Gray Merriam
Order of Proceedings
Doctor of Philosophy; Master of Science; Graduate Diploma in Health: Science, Technology and Policy; Bachelor of Health Sciences Honours; Bachelor of Health Sciences; Bachelor of Mathematics Honours; Bachelor of Mathematics; Bachelor of Science Honours; Bachelor of Science Major; Bachelor of Science; Bachelor of Arts Honours; Bachelor of Arts
Alumni Association Welcome

O Canada

O Canada! Our home and native land! True patriot love in all of us command,

Car ton bras sait porter l'épée, Il sait porter la croix!

Ton histoire est une épopée Des plus brillants exploits,

God keep our land glorious and free! O Canada, we stand on guard for thee.

O Canada, we stand on guard for thee.

Convocation at Carleton University

History

Carleton University is unique within the Ontario university system for several reasons. It was founded in 1942, not by state or church, but through 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 more than 30,000 students. The university offers more than 150 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.

Centre for Indigenous Support and Community Engagement – Eagle Staff



The Eagle Staff is sacred to many Indigenous peoples. It represents the strength and resilience of Indigenous communities and is traditionally carried by someone who has served their community in combat, in leadership or spiritually. The Eagle Staff is a Grandmother staff and was created to be nurturing to our students. It was created by Joel "Bear" Babin who is Algonguin from Wahgoshig First Nation, and who practises Midavwin Traditional ceremonies. Mink fur on the staff represents the best

of luck and success to our graduates. The Desert Eagle Hawk's feathers on the staff protect the Northern Flicker's feathers, symbolizing that we are there to guide our students. There are 12 feathers on the staff from a juvenile female eagle. Sage and Sweetgrass are attached and the braided material signifies our ties to the students and the colours represent the walks of life.

The Diploma

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

Academic Dress

The academic dress of Carleton University results from a compromise between that found in the ancient foundations of Britain and Canada and the American Intercollegiate Code.

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

All three academic hoods — bachelor's, master's and doctor's — are of the simple or Oxford shape. The bachelor's hood is made of black stuff. The master's and doctor's are made of black silk. All are lined with silver silk, with two chevrons, one of red and one of black. From bachelor's to doctor's, the hoods are progressively longer and opened to show more of the lining.

The velvet border of the hoods denotes the degrees granted according to the following colour combinations. In some cases a distinguishing cord is sewn slightly in from the lower border: accounting is lemon yellow; applied business analytics is emerald green; applied science is orange with a black cord; architecture is hot pink; architectural studies is hot pink with a black cord; arts is white; business administration is camel brown with a black cord; cognitive science is sky blue with a gold cord; commerce is camel brown; communication and media studies is navy blue; computer science is walden blue; economics is old gold; engineering is orange; entrepreneurship is palmetto green; global and international studies is lavender; health sciences is firebird red; human computer interaction is smoke blue; humanities is white with a red cord; industrial design is toreador red; master of information technology is maize; bachelor of information technology is maize including a green chevron to denote the joint degree and applied diploma from Carleton University and Algonquin College respectively; infrastructure protection and information security is sky blue with a red cord;

international business is camel brown with a red cord; journalism is white with a black cord; journalism and humanities is white with a black and red cord; mathematics is hunter green; media production and design is white with a black and gold cord; music is pink; philanthropy and non-profit leadership is toreador red with a black cord; political management is sky blue with a black cord; public affairs and policy management is peacock with a gold cord; public policy and administration is peacock with a black cord; science is Spanish yellow; social work is crimson; and doctor of philosophy is royal purple.

The master's and bachelor's gowns, to be worn with the above hoods, are of full length, made of black stuff, with a gathered yoke behind, and long openfronted 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 secretarygeneral 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 square collar at the black and modified T Sleeve. It is made of royal blue cloth with light blue facings that continue around the back. The light blue also trims the bottom edge and slit of the modified sleeve.

The hood has the same lining as that for the degrees granted by examination, and is bordered with royal purple for the degree of Doctor of Laws; vibrant blue for the degree of Doctor of Literature; pink for the degree of Doctor of Music; red for the degree of Doctor of Science; orange for the degree of Doctor of Engineering; hot pink for the degree of Doctor of Architecture; and dark cardinal for the degree of Doctor of Fine Arts.

Alumni Hall

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

Officiating Officers

Chancellor



Yaprak Baltacioğlu, LL.B., M.A.

Yaprak Baltacioğlu has been one of Ottawa's most seasoned deputy ministers, serving as a trusted advisor to Prime Ministers and numerous ministers. Over her career, she has led the Departments of Agriculture and Agri-Food, Transport, Infrastructure, and Treasury Board Secretariat. Now retired, Baltacioğlu serves on the Boards of Deloitte Canada and Chile, MDA, Canadian Standards Group, and Canadian Nuclear Laboratories. She is a Senior Distinguished Fellow at the University of Toronto's Munk School of Global Affairs and Public Policy. Baltacioğlu is a Member of the Order of Canada.

President and Vice-Chancellor



Benoit-Antoine Bacon, Ph.D.

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

Chair of the Board of Governors



Greg Farrell, FCPA, FCA

Greg Farrell retired as President and Chief Operating Officer of Giant Tiger Stores in 2015. As an active community member, Farrell remains on the Board of Directors of Giant Tiger Stores Limited, a role he has held since July 2000. Farrell has also served as Director of the Ottawa Senators Foundation and member of the Finance Council of the Roman Catholic Archdiocese of Ottawa-Carleton. Following a two-year term as Vice-Chair on the Carleton Board of Governors, Farrell now serves as Board of Governors Chair. Farrell is a proud alumus ('88) of Carleton University with a Bachelor of Commerce degree.

The Presiding Officer of Convocation for today's ceremonies is the President and Vice-Chancellor of the University, Benoit-Antoine Bacon, *Ph.D.*

Accompanying him on the podium is the Chair of the Board of Governors, Greg Farrell, *B.Comm, CPA, CA*

Assisting the Chancellor

Marshal of Convocation

Elinor Sloan, *Ph.D.* Professor, Faculty of Public Affairs

Eagle Staff Carriers

Michaella Michaud-Hunter Ojibwe Nation

Adam Saulis Wolastoq from Tobique First Nation

The university acknowledges the many faculty, staff, campus departments and ancillary operations for their valuable contribution to the success of the Spring 2023 Convocation ceremonies.

University Awards

2022/23 Board of Governors Award for Outstanding Community Achievement



The Board of Governors Award recognizes the spirit of student volunteerism and substantial community contribution while studying full time at Carleton University.

Dakota Livingston, BGINS

As the recipient of the 2022/23 Board Award, Livingston has consistently shown what it means to be a Raven through her leadership and commitment to community building. During her time at Carleton, she has served as President of the Carleton Academic Student Government, Senator on the Carleton Senate, Vice President of Research at the Carleton Human Rights Society, and volunteer for the Ausome Ottawa Community Partnership Project.

Her spirit of volunteerism is not only where her excellence shines. Livingston has also demonstrated profound achievement by receiving multiple awards and scholarships for outstanding academic performance. This success has seen her achieve Dean's Honour List status in 2020 and 2021, the Murdoch Maxwell MacOrdum Scholarship and the David A. Golden Scholarship for Academic Achievement.

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 and undergraduate levels Donor: Her Excellency the Governor General of Canada

Martin Dobrev Dimitrov David Luong Simon Spencer VanDerLoo

Chancellor's Medal

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

Waleed Darwish

President's Medal

Awarded annually in the name of the President of the university to the student with the highest standing in a 15-credit program of studies

Sergiy Onyshchenko

University Medal for Outstanding Graduate Work

Doctoral level

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

David Luong

Master's level

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

Lisa Sarraf

University Medal

Awarded annually, when merited, to the graduating students standing highest in the Faculty of Arts and Social Science, Faculty of Engineering, Faculty of Public Affairs, Faculty of Science, Sprott School of Business

Faculty of Arts and Social Sciences

Erik Andrew Morris Boyang Wang Iain James Burge Kyle John Grant Lauren Suzanne Carolyn Gowans Sarah Amalie Margaret Ham Katherine Creighton Hoferek Zita Maria Kolano Annie Sara Steep Tayler Mackenzie Wells

Faculty of Engineering

Anuj Mathur Joshua Paul Blondin Harjap Singh Gill Ava Theresa Bebbington John David Clarabut Susan Elizabeth Ould-Brahim David Charles Szonyi Hannah Sachiko Villeneuve Martin Sasseville

Faculty of Public Affairs Shireen Faisal Emily Mengyi Fu James Alexandre Huot Knox Thompson Callum Richards Sophie Ivanka Shields Sara Mizannojehdehi Morgan Gray Simms Antoinette Grace Myrtle Steele Thea Gillian Foss Wallace Jillian Claire Fox Delaney Dawn Heinrichs Gillian Bree Smith

Faculty of Science

David Gregory Hobson Eren Sulutas Madison Elisabeth Adams Amin Fereidooni Zachary Louis Levy Benjamin Nikkel Jenna Lynn O'Neill Leyla Katherine Pourang

Sprott School of Business

Andrew John Elliot Marie Alicia Kelly Joshua Victor Oommen

Senate Medals for Outstanding Academic Achievement

Graduate

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

Doctoral level Patricia Bérubé Anastassia Gharib John Marshall Palmer Eric J. Spero Marina White Hui Zhang

Master's level Danielle Lyn Carron Justine Coutu Timothy Alexander Hapitas Catalina Lisa-Maria Hernandez Simon Martial Kuttner Daniel George Kyrollos Marguerite Roslyn Rodrigues

Senate Medals for Outstanding Academic Achievement

Undergraduate

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

Jessica Katherine Arsenault Leah Erica Chabot Nathan Paul DaNova Emma Grace Fox Nicholas Anthony Laurenzio Cassandra Jade Noble **Claire Roberta Petite** Ayaan Saigal Lacey Thompson Saja Wehbe Ryan Dempsey Davis Charles MacAdam Anthony Patrick Joseph Louis Dooley Ryan Bruce Lachlan Fife Jonah Sean Gaudet Sarah Louay Jaber Aashna Narang Paul Ucheoior Okenne Nicholas Adam Roman Sendyk Matthew King Wah Siu Nicolas Alexandre Tuttle Millan Yifeng Wang Buster Mansell Hagen Biggs Ayah Hassan Gregor Cameron Nordstrum Manav Dimplekumar Shah Kaileigh Summers La Belle Nikki Michelle Mosca Maryn Madeline Pegan Paula Gabrielle Rodrigo Keira Marie Roy Asta Merie Mae Stalker Alexander Jesse Dolansky-Overland Evening Isabella K'necht Alexandra Janis McDonald Nathalie Suzanne McMullen Vivianne Annette Emma Stewart Remmy Clare Ackert-Fraser Khushi Bhardwaj Ludivine DouDou Blais Paul Bossert Julia Glen Jette Bovaird Aimanalias Mary Chung Ellen Margaret Nyman Coady Aaliyah Coutinho Jennifer Ann Crookshank Amy Janet Dalton Leilah Altagrace Debelle Budyanee Dadhija De Zoysa Siriwardene Krystal Anabel Hernandez-Mejia Alexis Gloria Hinkson Tristan Marshall Meghan Elizabeth Taylor Mitchell Swetha Krishna Naik Amy Corrina Ortis Katia Perry Sabrina Perry Harley Shaye Purcell

Brooke Elizabeth Smith Mayursai Reddy Viswanath Peter Bezanson Steven Ellis Chadwick Bryan Yingkai Cheng Zicheng Gao **Robert Douglas Gillis** Xin Ping Liao Maria Katrina Ronquillo Youssef Sabry Andrii Stepura Cara Teresa Swab Malak Ali Al Daraawi Jayden Adam Arif-Pardy Melanie Elizabeth Marie Beaudin Jordyn Elise Gattie Kunwook Kim Daniel Lewis Csiszar Klotz Branden Lynch **Conall Robert McCutcheon** Janani Sivathayalan Augusto Jose Urena Pichardo Trystan Murray Warnock-Juteau Natalie Anne Whitmore Mahmoud Elmasrv Shaolin-Rose Gawat Juan Fernando Gonzalez Hernandez Mikayla Joy Hinton Molly Louise Bruinink Hutchinson **Rhys James Emmett Patacairk** Victoria Faith Platzer Jonah Meir Sider-Echenberg Zillah Van Jaarsveld **Cecelia Grace Chambers White** Jason Ariel Aarenau Emma May Cole David Andrew Greenwood Emma Victoria Hamilton Moh'd Obai Samer Khatib **Rianna Grace Lim** Janae Latetia McCluskey Jody Amanda Raymond Vincent Deslauriers Rayyan Adil Esmail Georgia Claire Evans Amrita Doreen LaRose Sarah Denise McGrath Jewelyann Simone Ouimet Ryan Adam Bellefeuille Grace Elizabeth Ben Eric Guy Boulay Sierra Joy Geuzebroek Megan Heather Harris Lucas Ryan Robert Knight Alexandra Helen Louise Kouri Krista Malandruccolo Steve Mansour **Darcy Helen Mayer** Micaela Richichi **Devon Leigh Margaret Sauve** Matvey Tyurin Ashley Dawn Wheeler Sarah Naomi Zaitlin Nabeeha Ali

Eric Jacques Joseph DeMarbre Meaghan Jeanette Gragtmans Dickson Adonis Hillson Lau Janine Kira Wonnfong Loo Mark Stevenson Mckessock Camryn Angela O'Donnell Joel Andrew Crawford Jillian Rose Davis Wesley Robert Janson Hend Ali Mhemed Alyssa Danielle Turner

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).

Ceremony 1

Monday, June 12, 9:00 a.m.

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

Honorary Degree Recipient

Katharine B. Stevenson



Kate Stevenson will be awarded the degree of Doctor of Laws, *honoris causa*, at the 9:00 a.m. ceremony on Monday, June 12, "in recognition of a distinguished career as a corporate director and for extensive service to the health and education sectors."

Stevenson has served in leadership roles on numerous public company and not-for-profit boards in Canada and the U.S. over the past two decades. Previously, she was a financial executive in the telecommunications and banking sectors.

She is currently chair of the Board of Directors of Canadian Imperial Bank of Commerce and serves on the boards of Open Text Corporation and Capital Power Corporation. Formerly, she served on corporate boards in the aerospace, pharmaceutical and biotech sectors.

Stevenson's service to her community currently is centered on her directorship on the board of Unity Health, a Toronto based hospital network providing compassionate care to all in need. She also has extensive experience in the field of education, having served on the boards of the University of Guelph and Bishop Strachan School in Toronto.

A graduate of Harvard University and a member of the Institute of Corporate Directors, Stevenson has been recognized as one of Canada's Top 100 Most Powerful Women. She passionately supports girls and women pursuing their dreams, contributing to a better world.

Order of Proceedings

Ceremony 1

Monday, June 12, 9:00 a.m.

President and Vice-Chancellor Benoit-Antoine Bacon, Ph.D., presiding

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

Processional Music

Opening Ceremony

Elder Barbara Dumont-Hill Algonquin Nation – Kitigan Zibi

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

Introduction by the Master of Ceremonies

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

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

Katharine B. Stevenson

(Presented by Jerry Tomberlin, Provost and Vice-President (Academic))

Convocation Address

Katharine B. Stevenson Chair of the Board of Directors, Canadian Imperial Bank of Commerce

Conferring of Degrees and Awarding of Medals

Warrant Elinor Sloan, *Ph.D.* Marshal of Convocation

Closing Address by the President and Vice-Chancellor

Benoit-Antoine Bacon, Ph.D.

Recessional Music

Doctor of Philosophy

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

Management

Nathalie Courtel-McDougall

Revealing the Senses in Organizations - An Exploration Into How the Five Senses Inform the Experience of Doing and Being at Work *Supervisor: L. Dyke*

Gregory Émile Dole

What Do We Mean When We Use the Term Value? Three Studies on Understanding the Conceptualization of Value and Public Value *Supervisor: L. Duxbury*

Eugenia Kalantzis

Perceived Organizational Support and Employee Well-Being During Crisis: A Study of the COVID-19 Pandemic Supervisor: L. Schweitzer

Sandra Wright

Personality as a Predictor Of Job Performance in an All-Remote Workforce: A Study of Workers Within the Canada Pension Centre for the Federal Public Service *Supervisor: R. McKay*

Hui Zhang

Socializing Immigrant Jobseekers: The Role of Pre-Employment Mentoring Programs *Supervisor: L. Nardon*

Master of Accounting

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

Christine Martel*

Master of Business Administration

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

Sved Umair Aftab* Adil Ahmad* Mohammed Zainuddin Ahmed* Concentration in Business Analytics Muzammil Akber* Concentration in Business Analytics Junaid Faroogue Azam* Concentration in Business Analytics Thuyen Quoc Banh* Concentration in Business Analytics Wuyingga Bao* Concentration in Financial Management Raj Jayantilal Bhalodiya* Sergii Bilyi* Kevin Boghani* Concentration in Business Analytics Jordan Elizabeth Bush Yu Cai* Lorena Caputo*

Concentration in Management and Change

Xinyu Chen* Yefei Chen Yong Chen Yuan Chen Sai Dheeraj Chennamsetty Sridhar Jeffrey Neil Cole Puja Dabas* Concentration in Business Analytics Mohamed Darwish* Aditya Bikram Dash Concentration in Business Analytics Kuldeep Raiendra Desai* Concentration in Business Analytics Raj Harshad Dhakecha* Tarinipre Diriyai Musallam Muhieddine El Zayed* Yu Feng* Dongwei Fu Ying Geng

Jaime Louise Girard* Daging Gong* Xiaolin Gong* Concentration in Business Analytics Kindha Gorman* Yuchen Guo Concentration in Financial Management Mohammad Jahid Hassan* Concentration in Business Analytics Lisa Marie Isabelle Hoskins* Shizhe Hu* Fuad Ibrahim* Lu Jiang Yonghui Jiang Krishna Rajendra Joshi* Naga Nikhil Kari* Concentration in Business Analytics Lakshav Khanna Sahith Komarabathini* Venkata Naga Tridevi Kommuru Concentration in Business Analytics Chandra Sekhar Kotillil* Concentration in Business Analytics Ram Kumar* Joshua John Levesque* Huanlin Li Jiatao Li Tian Li* Concentration in Business Analytics Yanzhen . Li Wang Liao Concentration in Business Analytics Yinuo Liu* Concentration in Business Analytics Yuan Liu Chaoyue Lou* Elisabeth Luther* Jessica Lynch* Wenbin Ma Shahnaz Macca Concentration in Business Analytics Asjad Mahmood Malik* Vaizag Sunilbhai Mehta* Concentration in Financial Management Suman Chandra Mengaram Concentration in Business Analytics Rohan Rajan Meswani* Concentration in Business Analytics Harshith Nagaraja

Ananthu Muralidharan Nair Concentration in Business Analytics Ishaan Nijjar* Shiwei Ouyang* Concentration in Business Analytics Eric Ronald Pelletier* Huali Qian Zainab Hamid Rafique* Mohammad Rahimijafari* Kadher Abdhul Rahmaan Mohamed* Dan Rauner Elizabeth R. Sammon Williamson* Gustavo Schmitz Furlanetto* Erin Seegmiller* Nimish Sethi* Shaheen Matiur Rehman Shaikh Concentration in Business Analytics Wenliang Shao Ashish Sharma* Concentration in Business Analytics Sahil Sharma* Concentration in Business Analytics Qi Shi Devjot Singh* Concentration in Financial Management Sukhdev Singh* Concentration in Business Analytics Fei Song* Concentration in Business Analytics Shiyun Song* Concentration in Business Analytics Shuaigi Su* **Concentration in Financial Management** Jie Sun Girija Bipin Thosar* Concentration in Business Analytics Chijioke Chukwuzitelum Udemezue* Samuel Udemezue* Shubhra Upadhyay* Manas Wadhwa* Concentration in Financial Management Elizabeth Terrell Walker* Enwen Wang* Liheng Wang Ruoyu Wang* Concentration in Business Analytics Xiang Wang Yangyang Wang Yong Wang Lizhong Weng

Miaomiao Xia Yan Xie Zitian Xin Tingting Xu Jie Yang Yujing Yang* Concentration in Business Analytics Zeinab Younesiahangarkolaei* Feng Yuan Yuan Yuan* Zarak Zahid* Mingzhu Zhang Rumeng Zhang Yan . Zhang Zhouyibo Zhao Changming Zhou David Michael Zwiers*

Master of Science

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

Management

Abhijeet Bhattacharya

Custom Named Construct Recognition in the Business and Management Literature

Chenrui Fu

The Effects of Hierarchy on Boundary Spanners Communication Foad Haji Mohammad

Insurance Premium Calculation Using Machine Learning Methodologies

Kathryn Jean Vanderby

Customer Motivations for Second-Hand Apparel Shopping

Bachelor of Commerce Honours

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

Raghad Abdullah Khanfar Obead Abdullah*

Concentration in Finance

Ayomi Adeniyi

Concentration in Finance Minor in Economics

Aaron Agyemang* With High Distinction

Mohamed Ahmed Osman* Concentration in International Business

Shahir Mohammed Basil Aladib

Concentration in Management

Husain Al-Amidi

Concentration in Supply Chain Management

Emma Alexander Concentration in Entrepreneurship

Abdullah Ehsan Al Idrissi

Concentration in Finance

Fareed Osama Alnimer*

Sami AI-Zabet Concentration in Finance

Chiara Isabel Amato*

Concentration in Management

Matthew Antoniani

Concentration in Accounting

Philip Ao*

With Distinction Concentration in Information Systems Co-operative Education

Kazi Ariful Alam*

Jessica Katherine Arsenault

With High Distinction Concentration in Accounting Co-operative Education

Ifeoluwa Esther Oyindamola Asonibare*

Petra Vasarhelyi Aspgren

Concentration in Marketing

Sarah Avenida

Concentration in Accounting Co-operative Education

Jacob Jaewon Awrey

With High Distinction Concentration in International Business Co-operative Education

Braden Andrew Baarda*

Concentration in Marketing

William Gilmore Bannister-Price* Concentration in Accounting

Yvez Lawrence Balmes Barangtay Concentration in Accounting

Alexander James Baxendale

Justina Rose Meldrum Beard With Distinction Minor in French

Burhanuddin Fakhruddin Bedawala* With Distinction Concentration in Entrepreneurship Co-operative Education

Jamie Erin Bernier* With High Distinction Concentration in Accounting Co-operative Education

Michael Leo Berube Concentration in Finance

William Stayner Black Francisco Andres Marquez Blanco Concentration in Finance

Co-operative Education

Yaa Boateng*

Indra Bold Concentration in Finance

Kaitlyn A. Botelho With High Distinction Concentration in Accounting

Mathew James Boutilier-McFarlane With Distinction Minor in Philosophy

Aaron Bradley Boyd With Distinction Concentration in Accounting

Andrew Douglas Bradley*

Laura Brown Minor in Japanese

Finn Malcolm Buffett* With High Distinction Concentration in Finance

Jonathan Atwood Cardie

Kiara Cervini With Distinction Concentration in Marketing

Leah Erica Chabot* With High Distinction Concentration in Accounting

Ying Han Chan With Distinction Concentration in Accounting

Tanvi Chegoor Concentration in Finance Co-operative Education

Qiuye Chen

Donovan Power Cheung Concentration in Finance Yi-tzu Chiang With High Distinction Concentration in Accounting Cohen Alexander Churchill* Concentration in Entrepreneurship **Kimberly Clarin** With Distinction Concentration in Management Nicholas Mackenzie Clohosy* Concentration in Entrepreneurship Jacob Jamie Cuffley Ellena Muriel Gemma Damini* With High Distinction Concentration in Finance Co-operative Education Nathan Paul DaNova* With High Distinction Concentration in Finance Co-operative Education Danita Neela Dass* Concentration in International Business Gregory Davies Concentration in Marketing Fave De Grano* With High Distinction Concentration in Accounting Co-operative Education Alina Marie De La Fuente* Concentration in Accounting Co-operative Education Abdoulave Deme* Concentration in International Business William Joseph Denault* With Distinction Concentration in Accounting Co-operative Education Kaitlyn Anne Desjardins* With High Distinction Concentration in Accounting Co-operative Education Lauren Iva Deveau* With High Distinction Concentration in Accounting Co-operative Education Alyssa Christine Marie Devlin With High Distinction Noah Dinardo Concentration in Management Minor in Economics Chloe Marie Doherty* With Distinction Concentration in Management and Concentration in Marketing

Perry Dollar* Concentration in Supply Chain Management

Elena Fernanda Dominguez Rojas With Distinction Concentration in International Business

Walid Donia*

Kamal Doumani*

Hannah Margaret Dunlop Concentration in Marketing

Jake Alexander El-Chaar Concentration in Marketing

Raneem Fadl El Hage Ali Concentration in Management

Andrew John Elliot With High Distinction

Shawn Andrew Raymond Ellis With Distinction Concentration in Accounting Co-operative Education

Alan Elmaleh Concentration in Accounting

Ali Etemad Concentration in Accounting

Eliza Rose Farnes Concentration in Accounting

Judy Farran

Kyle Andrew Ferguson Concentration in Accounting

Mohammad Taregh Firouzi Concentration in Accounting

Emma Grace Fox* With High Distinction Concentration in Finance and Concentration in Accounting Co-operative Education

Maddison Mary Lyn Fraser Concentration in Information Systems

Zachary Robert Fraser Concentration in International Business

Frédérick André Gagnier With Distinction

Concentration in Entrepreneurship Giulian Giorgio

Concentration in International Business Ruchika Nandu Godhwani* Concentration in Supply Chain Management

Co-operative Education Halina Elizabeth Golka

Concentration in International Business

Marina Samir Gerges Gorgey*

With High Distinction Concentration in Accounting and Concentration in Finance Co-operative Education

Concentration in Accounting Damon Kenneth Groff-Copeland* With Distinction Concentration in Accounting and Concentration in Finance Co-operative Education Jiahao Gu Concentration in Finance Aleksa Hadzalic* Concentration in Information Systems lyda Haghgooie With Distinction Concentration in Finance Minor in Statistics Kelsey Doris Halter Concentration in Finance Ibrahim Harb* With Distinction Concentration in Finance Mitchell Haw* Minor in Spanish Xiaochuan He Concentration in Marketing Megan E. Hendry With High Distinction Concentration in Accounting Rvan Michael Hennigar* Concentration in Accounting Co-operative Education Ximena Hernandez Gomez With Distinction Concentration in Management Derek Herrera Concentration in Finance Minor in Spanish John Doyle Hinchliffe Concentration in Information Systems and Concentration in Supply Chain Management Sydney Gail Hodgins* Concentration in Management Co-operative Education Quinn Honeyman-Wootton Concentration in International Business Yuxuan Hong Nadol Hosakul* Concentration in Information Systems Ashkan Hosseini Concentration in Management Mohamad Hreiche* Concentration in Management Wanting Huang

Concentration in Marketing

Victoria Greenfield

Ryan Jeffrey Hubbard* With High Distinction Concentration in Supply Chain Management Co-operative Education **Cameron Stuart Hudson*** Concentration in Accounting Co-operative Education Ethan Roy Kent Jackson Concentration in Management Alexandros Joseph Jame* Minor in Economics Kenan Farid Jamoul Concentration in International Business Sakina Muntazir Janmohamed With High Distinction Concentration in Accounting and Concentration in Management Co-operative Education Rahaf Jdue With High Distinction Concentration in Finance and Concentration in Management Ludmilla Shafiqa Jessamine Concentration in Marketing Antonio Eric Johnson Concentration in Finance James Daniel Johnson With Distinction Concentration in Finance Jenna Johnson Concentration in Accounting **Brock Justice Jones-Root** Concentration in Information Systems Miguel Hans Enrique Kabore Concentration in Information Systems Fatima Kawtharani Concentration in Management Marie Alicia Kelly With High Distinction Co-operative Education Noah Gerard Kennedy With High Distinction Concentration in Accounting Co-operative Education Noura Khalaf* Dany Khalife-Kayrouz Minor in Economics Hamza Qamar Khan Concentration in Accounting Co-operative Education Arian Khosronezhad Concentration in International Business Paramveer Singh Khukh Concentration in Accounting

Concentration in Management Benjamin Gabriel Korycki Concentration in Management Zavienne Kowalczyk Concentration in Accounting Austin Krystek Concentration in Finance Co-operative Education Joshua Lapierre With High Distinction Concentration in Finance Co-operative Education Nicholas Anthony Laurenzio With High Distinction Concentration in Marketing Minor in Economics Co-operative Education Laura Jean Lavoie Concentration in Finance **Conner Dalton Leach** Concentration in Accounting Co-operative Education Cindy Thalia Ledesma Pozo* Concentration in International Business **Ricardo Yongwon Lee** Concentration in Accounting Jordan Leow Concentration in Accounting Jiarong Li* Allisha Lin With High Distinction Concentration in Finance Qiangi Lin Concentration in Management Xu Liu* Concentration in Finance Cameron Richard Luckasavitch* Concentration in Accounting Co-operative Education Jackson Philip Lutzko* Concentration in Finance Jackson Shawn Macartnev* Concentration in Accounting Max Croes MacDonald With High Distinction Concentration in Finance Allison Sandra MacFarlane* With High Distinction Minor in Psychology Rumaan Mahdi Concentration in Information Systems Parth Malhotra

Emma Louise Kiesekamp

Sohaib Shahbaz Malik*

Roloves Eswagen Mangante With Distinction Concentration in Management Minor in Communication and Media Studies

Vanessa Louise Masson*

With High Distinction Concentration in Accounting Co-operative Education

Laura Deanne Dixon McCutcheon*

With Distinction Concentration in Accounting Co-operative Education

Matthew Connor McElheran*

With Distinction Concentration in Accounting and Concentration in Finance Co-operative Education

Matthew Patrick McGarrity

Concentration in Information Systems and Concentration in Marketing Co-operative Education

Raymond Peter Charles Mcgill* Concentration in Accounting and Concentration in Finance Co-operative Education

Conal Robert McGrath Concentration in Accounting

Serena McIntire* Concentration in Accounting

Callum James Mcmahon With Distinction Concentration in International Business

Benjamin Jack Mcvey* With Distinction Concentration in Finance

Svetlana Melnik Concentration in Accounting

Jonathan Mendoza Concentration in Finance

Adam Merebi* Concentration in Accounting

Nicholas Gerard Millette Concentration in Marketing

Rikesh Aravind Mistry Concentration in Entrepreneurship

Yousuf Aly Moftah Concentration in International Business Miriam Mahamoud Mohamed

Concentration in International Business Co-operative Education

Omar Gawo Mohamed* Concentration in Accounting Co-operative Education

Concentration in Management Minor in Economics Alaa Ayman Ibrahim Mostafa Salma Ayman Ibrahim Mostafa* Concentration in Accounting Avery Drew Murray* Concentration in Accounting Niraih Nadesan* Concentration in Information Systems Minor in Economics Shavlen Naidoo Concentration in Marketing **Kien Nguyen** Concentration in Accounting Jiarui Nie* Concentration in Accounting Naho Nishioka Concentration in Marketing Cassandra Jade Noble With High Distinction Concentration in Accounting Co-operative Education Grace Elizabeth Nolan With Distinction Concentration in Finance Co-operative Education Ange Julie Noume Nouetsa Concentration in Accounting Adebanke Iveren Ogunsanya* Concentration in International Business Oluwatobi Amos Olowo Patrick Christopher Olson Concentration in International Business Madison Hart Olver* Concentration in Management Deborah Ayomide Omidiji Concentration in Finance Co-operative Education Michael John Ooi Concentration in Finance Joshua Victor Oommen* With High Distinction Concentration in Accounting Co-operative Education Letty Jo Christina Orr With High Distinction Concentration in Accounting Eloho Ovwagbedia* Concentration in Management Co-operative Education Sofia Natasha Pantano With High Distinction Concentration in Management

Taylor Danielle Morris*

Nicholas John Ronald Parsons

Lisanne Maria Peters* Concentration in Accounting and Concentration in Finance

Claire Roberta Petite* With High Distinction Concentration in Information Systems

Shumeng Piao* Concentration in Accounting Taylor Plant*

Concentration in Entrepreneurship Minor in German

Luca Maurizio Arturo Porreca With High Distinction Concentration in Accounting

Meenu Puri Concentration in Management

Saif Kamal Qaraien Concentration in Finance Co-operative Education

Kun Qian Concentration in Accounting

Xueni Qiao* Concentration in Finance Minor in Korean Language

Anosha Qureshi With High Distinction Concentration in Finance Co-operative Education

Oliver William Riding Concentration in Finance

Jacob Alexander Rowsell Concentration in Finance

Mitchell Eric Rukavina Concentration in Marketing

Danah Saadeldine Concentration in International Business

Ayaan Saigal With High Distinction Concentration in Finance Co-operative Education

Rama Emad Salama* Concentration in Supply Chain Management

Matthew Alexander Savoy With Distinction Concentration in Accounting Co-operative Education

Chantz Quaid Sciuk With Distinction Concentration in Finance Co-operative Education

Alexandre Seguin* Concentration in Accounting

Benjamin Sharer Concentration in Entrepreneurship

Evan Jasper Shaw

Alysha Sheikh* Concentration in Accounting Jana Helene Shields Concentration in International Business Britney Grace Simpson With Distinction Co-operative Education Monika Sofrenovic With Distinction Concentration in Marketing Co-operative Education Ravmundo Manuel Solano Siliezar* Concentration in Finance Kristine Maryse Sproule* With High Distinction Concentration in International Business with Study Term Abroad **Dillan Anthony St. Helen** Concentration in Finance Minor in Law Zoe Rachael Stockford* With Distinction Concentration in Accounting Co-operative Education George Angus Strawbridge* With High Distinction Concentration in Finance Co-operative Education Eleena Sunny Concentration in Finance Adrian Jacek Szluinski Concentration in Management Rachel Elizabeth Tannahill With High Distinction Concentration in Information Systems Akash Deep Tanotra With Distinction Concentration in Accounting Victoria Tarpan* Concentration in Information Systems Adam Carlton Thompson Concentration in Accounting Scott Victor Ronald Thompson* Concentration in Accounting Spence Thomson Concentration in Accounting Co-operative Education William George Thornhill* Concentration in Marketing Ruigiao Tian Concentration in Accounting Armaan Singh Toor* Concentration in Finance Co-operative Education

Michaela Sophie Tourigny*

With High Distinction Concentration in Finance Co-operative Education

Henry Tran

Hong Anh Tran Concentration in Marketing

Aristidis Tsotroudis* Concentration in Information Systems

Emma Pearl Clara Olive Ulrich Concentration in Supply Chain Management

Blake John Valius-Cowan Concentration in Management

Carter Kenneth Verch Concentration in Accounting Co-operative Education

Logan Tyler Verch Concentration in Accounting Co-operative Education

Zakk Ryan Vilk Concentration in Marketing

Georgia Vryoni*

Christopher Nicolas Walkden* Concentration in Accounting Co-operative Education

Jiawen Wang Concentration in Accounting

Songming Wang Concentration in Finance

Kylie Brianna Watton Concentration in Finance Co-operative Education

Saja Wehbe With High Distinction Concentration in Finance

Linlin Wei

Concentration in Supply Chain Management

Krischan Anthony Springer Welk

Xiao Wen*

Quinn Jacob Weststrate*

With High Distinction Concentration in Accounting Co-operative Education

Benjamin Stuart Patrick White

Concentration in Accounting and Concentration in Finance Co-operative Education

Merik Wilcock

James Edward Prinzen Wilson With High Distinction Concentration in Accounting

Taylor Chantale Wilson Concentration in Marketing Minor in Economics

Stephanie Estelle Woyslaw* With High Distinction Concentration in Marketing

Co-operative Education Xinyi Wu* With Distinction

Concentration in Finance Minor in Statistics

Zixi Ye

Hoi Hao Marco Yeung* With Distinction

Chenyi Yu Concentration in Accounting

Yi Yuan* Concentration in Marketing Nahum Zewdie*

Concentration in Finance

Brian Zhuye Zhang

Haojie Zhang* With Distinction Concentration in Accounting

Yutong Zhang

Yuheng Zhu* Concentration in Finance Minor in Statistics

Zhiyao Zhu* With High Distinction Concentration in Accounting

Joseph Zompanti

With Distinction Concentration in Entrepreneurship Minor in Economics

Jiahong Zou*

Concentration in Supply Chain Management

Bachelor of International Business Honours

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

Alexander Robert Beck*

With High Distinction Concentration in International Strategy and Human Resources Management Minor in German

Leann Stephanie Bene*

Concentration in International Marketing and Trade Minor in French

Lauren Tea Campbell-Brunke

With High Distinction with Study Year Abroad

Aron Cole*

Concentration in International Marketing and Trade Minor in Spanish with Study Term Abroad

Alexandra Florence Costello

Concentration in International Marketing and Trade Minor in Spanish

Samantha Seguin Cutcliffe

Concentration in International Marketing and Trade

Brennan Thomas Kenneth Eland

Joshua Mohammed Gadoury*

With Distinction Concentration in Global Financial Management and Systems Minor in Spanish with Study Term Abroad

Matthew Adam Hum

Concentration in Global Financial Management and Systems

Madeline Virginia Jackson-McIntosh*

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

Daniel Galloro Lewis*

Concentration in Global Financial Management and Systems Minor in Spanish with Study Term Abroad

Anna Mia Keenan Lindhe

With High Distinction Minor in Spanish with Study Term Abroad

Kai Marks de Chabris

Concentration in Global Financial Management and Systems Minor in Spanish with Study Term Abroad

Noor Masad*

Concentration in International Marketing and Trade Minor in Spanish

Callam Thomas John Pilkington

Concentration in Global Financial Management and Systems Minor in German

Jaira Rachel Poole

With Distinction Concentration in International Strategy and Human Resources Management Minor in Mandarin Chinese

Lacey Thompson

With High Distinction Concentration in International Strategy and Human Resources Management with Study Term Abroad

Abdul Kareem Olamilekan Tunde-Muse*

Concentration in International Marketing and Trade

Andrew Van de Mosselaer

Concentration in Global Financial Management and Systems Minor in French with Study Year Abroad

Vanessa Vargas Socas*

Concentration in International Marketing and Trade Minor in Spanish with Study Term Abroad

Maryia Varonina*

With High Distinction Concentration in International Strategy and Human Resources Management Minor in Psychology with Study Term Abroad

Rachel Viau*

Concentration in International Marketing and Trade Minor in Mandarin Chinese

Post Baccalaureate Diploma in Accounting

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

Chong Chen Guillaume Irakarama Bhavna Kochhar* Tieu Phung Luu* Rajwant Kaur Mavi Meghan McIntosh Svetlana Palko Nicolae Petrescu Ajay Partap Singh Sidhu Matthew Cyril Tremayne-Pengelly Siyao Zhao



Monday, June 12, 12:30 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 (*)

Convocation Speaker

Maria DeRosa Dean, Faculty of Science



Maria DeRosa is Dean of the Faculty of Science and Professor of Chemistry at Carleton. She is the principal investigator of the Laboratory for Aptamer Discovery and Development of Emerging Research (LADDER), a research facility funded by the Canada Foundation for Innovation Leaders Opportunity Fund and the Ontario Research Fund. After completing B.Sc. and Ph.D. degrees in chemistry at Carleton in 1999 and 2003, she held an NSERC Postdoctoral Fellowship at the California Institute of Technology before returning to Carleton in 2005 as a faculty member. She previously served as Associate Dean (Recruitment and Retention) in the Faculty of Science from 2018 to 2020 and Chair of the Department of Chemistry. She has received awards for her outstanding teaching and research contributions, including the John Charles Polanyi Research Award, an Ontario Early Researcher Award and a Capital Educators' Award.

Order of Proceedings

Ceremony 2

Monday, June 12, 12:30 p.m.

President and Vice-Chancellor Benoit-Antoine Bacon, Ph.D., presiding

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

Processional Music

Opening Ceremony Video Elder Barbara Dumont-Hill Algonguin Nation – Kitigan Zibi

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

Introduction by the Master of Ceremonies

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

Convocation Address

Maria DeRosa, Dean, Faculty of Science

Conferring of Degrees and Awarding of Medals

Warrant Elinor Sloan, *Ph.D.* Marshal of Convocation

Closing Address by the President and Vice-Chancellor

Benoit-Antoine Bacon, Ph.D.

Recessional Music

Doctor of Philosophy

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Computer Science Anthony Mark D'Angelo*

Problems

Xuejun Han

Continual Learning for Classification Tasks Supervisor: Y. Guo

Eric J. Spero

User Interfaces, Mental Models, and Cybersecurity Supervisor: R. Biddle

Master of Arts

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Human-Computer Interaction

Svetlana Dobrynina Understanding Mental Models of Password Managers

Constrained Geometric Optimization

Supervisors: S. Durocher and P. Bose

Ashwinder Mann

Investigating Factors Related to Fear, Uncertainty, and Doubt (FUD) in End-User Cryptocurrency Behaviours

Jennifer Joy Smith*

Educators Perspectives on Cybersecurity Educational Resources

Master of Computer Science

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Megha Sanjaykumar Agarwal

Co-operative Education

Samin Azhan

Automated Generation of Executable Cucumber Scenarios from a RDBMS Schema Co-operative Education

Rifah Sama Aziz

Co-operative Education

Khadija Nawal Baig*

Privacy, Biological Relatives, and at-Home DNA Testing

Xi Chen

Heny Dixit Dave*

Ibrahim Helmy

Taoseef Ishtiak

Enhancing Unsupervised Instance Segmentation with Exemplars Co-operative Education

William Michael Zoltan Kalnay*

Routing Ratio of the Directed Yao-6 Graphs

Saman Karim*

Exploring Accessibility and Companionship in Boardgames via Alexa

Aagyapal Kaur

Md Rezwan Hassan Khan*

Toward an Automated Real-Time Anomaly Detection Engine in Microservice Architectures Specialization in Data Science, Co-operative Education

Aatreyi Pranavbhai Mehta

Galen Andreas O'Shea

Super-Resolution for Appearance-Based Gaze Estimation Specialization in Data Science

Nirav Chhaganbhai Pansuriya

Co-operative Education

Heli Alpeshkumar Patel*

Co-operative Education

Shreya Patel

Robin Redhu

Real-Time Sensor Fusion for Accurate Obstacle Detection and Efficient Free Space Perception Specialization in Data Science

Projna Saha*

A System for Bounding the Execution Cost of Web Assembly Functions

Human-Computer Interaction

Tamara Bondar

Exploring Factors Influencing System Administrators Security Vulnerability Remediation Decisions

Master of Human-Computer Interaction

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Ho-Sum Ko

Understanding and Analyzing Non-Technical AR Novices' Online Interactions and AR Projects

Bachelor of Computer Science Honours

(Presented by Christine Laurendeau Instructor, School of Computer Science)

Leina Sherif Abdelwahab* Minor in Business

Ahmed Osman Abdullahi

Amir Abdurazak

Kashyap Achar* Minor in Business

Mayank Agrawal With High Distinction Minor in Business Co-operative Education

Sarah Ali With Distinction

Arman Alipour

Owen William Allen With High Distinction Minor in Philosophy Co-operative Education

Raden Mathieu Almaden

Nnamdi Tolu Arimah Industrial Applications Internship

Namish Arora With Distinction

Clark A. Bains With High Distinction

Jake Michael Bauer With High Distinction Co-operative Education

Darren Thomas Bell

With High Distinction Minor in Religion Co-operative Education Matthew John Bennett Minor in Mathematics

Kateryna Anatoliyivna Besida* With High Distinction

Peter Bezanson With High Distinction Co-operative Education

Alexander Michael Bhasin With High Distinction

Jiayu Bian* With High Distinction

Artin Biniek Minor in Mathematics

Marco Antonio Borracci* With High Distinction Minor in Psychology Co-operative Education

Christopher Ross Boyd* With High Distinction

Younes Brahimi

Claudiu Breazu* With High Distinction

Braeden Richard Chad Brooking With High Distinction Minor in Japanese Co-operative Education

Skyler Hendrik Bruggink With High Distinction Co-operative Education Aaron John Buitenwerf With High Distinction Minor in Mathematics Co-operative Education

Jack Alonzo Daniel Cameron*

Annibale Dervish Canaj* With Distinction Co-operative Education

Ryan Joseph Carriere Co-operative Education

Joshua Samuel Challenger With High Distinction Minor in Mathematics Co-operative Education

Johnson Chau With High Distinction

Hadi Cheaito With High Distinction Co-operative Education

Samantha Chen With High Distinction Minor in Business Co-operative Education

Yanxi Chen* Minor in Economics

Bryan Yingkai Cheng With High Distinction Co-operative Education

Lucas Eric Colwell* With High Distinction Minor in History Co-operative Education

Timothy Cowan

Lucas Stephen Crocker Minor in Neuroscience and Mental Health

Kamran Dar With High Distinction

Ben J. Deinstadt* With High Distinction Co-operative Education

Amanpreet Singh Dhillon With High Distinction Co-operative Education

Martin Dobrev Dimitrov With High Distinction Minor in Statistics Co-operative Education

Morgan Frances Echard With High Distinction Minor in Film Studies

Sepehr Eslami Amirabadi* With High Distinction Co-operative Education

Thomas Farley With High Distinction Minor in Mathematics and Minor in Philosophy Co-operative Education **Bruce Brad Fernandes*** Co-operative Education Clarissa Dayle Fernandes* With Distinction Co-operative Education Alexander Karl Filipps* Aaron James Fisher* Simon Joseph Fortin lain Stuart Found With High Distinction Minor in Linguistics Co-operative Education Andrew Peter Garneau With High Distinction Minor in Geography Co-operative Education **Curtis Justin Gauthier** With Distinction Massimo Modesto Gillis Robert Douglas Gillis With High Distinction Co-operative Education Lucas Michael Gomez With High Distinction Minor in Mathematics Co-operative Education Linhong Gong Minor in Japanese Ross Grabs With High Distinction Feng Ting Guo* With Distinction David Haddad With Distinction Zhenmao Hao Minor in Psychology Co-operative Education Callum Jack Haugen With High Distinction Minor in Political Science Co-operative Education Kevin He With High Distinction Andrew Clark Heron With High Distinction Co-operative Education Joshua Thomas Hills Matthew David Hobbs* With High Distinction

David Gregory Hobson With High Distinction Co-operative Education Alec Hogerland Minor in Mathematics Yuhan Huang With High Distinction Minor in Mathematics Yun Huang Ziming Huang Kheri Morrisse Frederic Hughes* With High Distinction William Schermann James Junren Jiang* Harman Singh Kang With High Distinction Minor in Statistics Co-operative Education Rvan James Kasor With Distinction David Katz* With Distinction Minor in Business Abdul-Hussein Kazal With High Distinction Minor in Psychology Co-operative Education Hanna Andom Kebedom With High Distinction Industrial Applications Internship Adam Yousef Khachi* Minor in Communication and Media Studies Maryam Khalaf Muhammed Arfath Khan With Distinction Minor in Business Navaty Khara With Distinction Minor in Statistics Co-operative Education Jordan David King With High Distinction Minor in Psychology Lewis Ferguson King Marina Kljajic With High Distinction Co-operative Education Xiangfei Kong With High Distinction Christopher Krol Minor in Greek and Roman Studies Andrew Vladimir Krutelevich

Nicolas Lalonde* With High Distinction Co-operative Education Vu Tung Lam* With High Distinction Co-operative Education **Christopher Robert Langlois** Minor in Greek and Roman Studies Co-operative Education Warnakulasuriya D. Lanza Minor in Business and Minor in Psychology Tiffanv Lau With High Distinction Co-operative Education lan Heng Law With High Distinction Nicholas William Lebel Jalena Lee With High Distinction with Study Term Abroad Zakariya Abdelgader Legnain With Distinction Minor in Mathematics Georae Li With High Distinction Co-operative Education Ho Yin Li Shu Li With Distinction Xin Ping Liao With High Distinction Haozhe Lin Minor in Business Helen Litina Lin* With High Distinction Industrial Applications Internship Minor in Philosophy Colin Aldo Lochalamoi* Industrial Applications Internship Zhiyuan Lu Cyril Patrick Mont Lynch With High Distinction Di Ma Co-operative Education Kevin Ma With High Distinction Minor in Statistics Co-operative Education Callum Alexander MacLeod With High Distinction Minor in Mathematics Co-operative Education Qiushuo Man With Distinction

Mukta Manhas With High Distinction Minor in Mathematics

Benjamin Anthony James Mask With High Distinction Co-operative Education

Zacharia Sirhaan Maurice* Iain Edwin McIlveen With High Distinction Co-operative Education

Amaya Brielle Mclean* With High Distinction Minor in Psychology

Jesse Alexandre Mendoza* Huange Meng

Eric Timothy Mereu With Distinction Co-operative Education

Daniel James Michaud With High Distinction Co-operative Education

Christopher John Milan With High Distinction Co-operative Education

Zayaan Shah Moez With High Distinction Co-operative Education

Erica Urselena Morgan With High Distinction

William Eric Morris With High Distinction Co-operative Education

Alexander Robert Muir With High Distinction

Ashwin Narayanan With High Distinction Industrial Applications Internship

Daniel Adam Nemec With High Distinction Co-operative Education

Brenda Dan-Thanh Hoang Nguyen With High Distinction Co-operative Education

Henry Minh Nguyen*

Duanlu Ni With High Distinction Co-operative Education

Haiyang Ni* With Distinction Co-operative Education

Matthew Henry Nitschke* With Distinction

Mohamed Omer With Distinction

Matthew Joseph O'Neill With High Distinction Co-operative Education Xiuling Pan Tevye-Kaori Asher Parris With Distinction Minor in Business Huzaifa Patel With High Distinction Ryan Michael Peckham Dong Pei* Co-operative Education **Qihang Peng** Eric Pham With High Distinction Minor in Mathematics Co-operative Education Darren Pierre With Distinction Luis Leon Portela Co-operative Education Sunreet Puri Co-operative Education Tiancheng Qin With High Distinction Huiran Qu With Distinction Minor in Mathematics Michael Quach* MD Fazlav Rabbi With High Distinction Minor in Mathematics Saif Rahman With High Distinction Co-operative Education Pablo Bascazzi With Distinction Jason Roberto Reid* With Distinction Alyxander-Jacob Ricketts* Minor in Business **Ryan Michael Allen Ritchie** Co-operative Education Maria Katrina Ronquillo* With High Distinction Minor in Linguistics Co-operative Education Justin Paul Joseph Ross* With High Distinction Co-operative Education Mahmoud Sabaayon Minor in Mathematics

Youssef Sabry With High Distinction Co-operative Education

Aidan William Saull* With High Distinction

Tobias Schlagenhaufer* With High Distinction Co-operative Education

Nicholas Kenneth Scott Co-operative Education

Abdullah Shaheen Co-operative Education

Griffin MacDaniel Shea* With Distinction Minor in History Co-operative Education

Anoushka Singhal

Duncan Andrew Stark

Andrii Stepura With High Distinction Minor in Mathematics Co-operative Education

Jessica Joan Stride

Fareha Sultan* With High Distinction

Eren Sulutas With High Distinction Minor in Mathematics Co-operative Education

Yibo Sun Minor in Mathematics

Natalie Angelique Surjanto With Distinction Co-operative Education

Cara Teresa Swab With High Distinction Minor in Japanese Co-operative Education

Sanaa Syed*

With High Distinction Industrial Applications Internship Minor in Business

Yu Tang

With Distinction Minor in Business Co-operative Education

Luis Alejandro Tellez Ariza*

Dawson Sylvain Theroux Co-operative Education

Grace Estelle Thompson With High Distinction Minor in Geomatics Co-operative Education

With High Distinction Minor in Film Studies Co-operative Education Jiahe Tian With Distinction Alejandra Tobar Garzon* With Distinction Duc Hoai Tran With High Distinction Minor in Business Co-operative Education James Harrison Triantafylos With High Distinction Co-operative Education Reed Winson Tyhuis Michael Ikechukwunonso Uzoegwu With Distinction Minor in Psychology Morgan Ada Vallati With High Distinction Industrial Applications Internship Adam James Van Bakel* Tina Vashistha* With High Distinction Joseph Quint Vinson David George Voicu With Distinction Minor in Japanese Bowen Wang* Co-operative Education Jiazhang Wang With High Distinction Minor in Mathematics Co-operative Education Nabeel Muhammad Warsalee With High Distinction Minor in Mathematics Co-operative Education Beniamin Richard Williams With Distinction Co-operative Education William Wright With High Distinction Jiaheng Xu* Minor in Business Haojin Xun Anthony Yang Minor in Mathematics Co-operative Education Shuqi Yang* With High Distinction Minor in Mathematics Yazhong Yang

Evan Adam Thomson

Priscilla Gei-Gwan Yau With High Distinction Minor in Business

Co-operative Education
Duygunur Ece Yaykiran*

With High Distinction Co-operative Education

Chengzhi Yin*

With High Distinction

Jielu Yin*

With High Distinction Minor in Japanese and Minor in Mathematics

David Yu

With High Distinction Minor in Statistics

Jiaxin Yu* With High Distinction Minor in Mathematics

Co-operative Education Bill Zongkai Zhang With High Distinction Co-operative Education

Bocheng Zhang With Distinction

Peizhou Zhang With Distinction

Yanhua Zhang

Yize Zhao With Distinction

Zifan Zhu With High Distinction

Bachelor of Computer Science Major

(Presented by Christine Laurendeau Instructor, School of Computer Science)

Abdul Moiz Abbasi

With Distinction Co-operative Education

Mohamed Sufian Abou Ziab*

Maria Ahmad*

Syed Yusuf Ahmed* With High Distinction Minor in Mathematics

Ilyas Ahmed-Abdullahi Minor in Japanese

Oluwademilade Godwin Ajayi*

Ahmed Nasser Al Zahrani Minor in Japanese

Liam Khristian Armes

Samson Assefaw* Co-operative Education

Connor Ayre

Oluwatoyin Idris Balogun* With Distinction

Jacob Logan Bartel

Modaser Bayan* With High Distinction Co-operative Education

Samarjit Singh Bhullar*

Alexandria Birch

Andrew Nelson Carlyle With Distinction Co-operative Education

Steven Ellis Chadwick* With High Distinction Curtis Chau Co-operative Education

Chong Chen* Minor in Japanese

Siyuan Chen*

Aaditya Chopra With High Distinction

Clement John Chutskoff Minor in Philosophy

Alexandra-Andreea Cosciug* Minor in Mathematics Co-operative Education

Tristan Dardani* With Distinction

Balreet Kaur Dhillon* Minor in American Sign Language

Nicolas Gabriel Dusablon Minor in History

Timothy Bryan Edwards Minor in History

Mahmoud Elabd*

Zeyad Hossam Elgendy

Nicolas El-Khoury With High Distinction Co-operative Education

Adeyemi Oluwatobi Fakorede*

Khaled Abouelfath Farag*

Carson Stephen Fischl*

Yuyao Gao

Zicheng Gao* With High Distinction

Abdulmojeed Olayemi George

Billal Khalid Ghadie* With High Distinction Co-operative Education

Kristopher Jyh-Woei Giang Minor in Statistics

Bilal Ali Gill With High Distinction Minor in Statistics Co-operative Education

Michael Moni Grewal* With High Distinction

Nour EI-Din Mohammed Hamdy*

Zachary Hamel

Jiale Han

Fardeen Hafiz Haque With High Distinction Minor in Mathematics Co-operative Education

Lance Hart*

Nabil Hashim

Jacob Daniel Hiscock With High Distinction Minor in Psychology and Minor in Statistics Co-operative Education

Zesen Hu Samar Hassan Hussein*

Ibrahim Marwan Imran

Yacin Ismail

Tarek Issa Andy Ji Co-operative Education

Ege Karabacak

Samuel Stewart Karovitch* With Distinction

Miss Sayra Hoque Khan With Distinction Minor in Mathematics Co-operative Education

Ramneek Singh Khinda* With Distinction Minor in Mathematics Co-operative Education

Ryo Brandt Kinjo* With High Distinction

Benjamin Andy Roald Kittilsen With Distinction Minor in Statistics Co-operative Education

Andrew Benjamin Leung

TanYu Li

Hongyi Liu

Co-operative Education

Zi Rui Liu Minor in Statistics Andrew Macharia Angel Siddharth Macwan Soheil Madani Colin Arthur Marsh Co-operative Education Zachary Aaron Matheson Krishna Mathiyaparanam* With High Distinction Co-operative Education Oleg Matviyishyn* Samuel Mcelrea* Erik Nicolas Menard Yusuf Ahmed Mohamed* Sean Matthew Murchison* Zain Nadeem Vincent Hoang Nguyen With High Distinction Ibrahim Nour Joshua Obiha* Oluwatamilore Olakunbi Odetoyinbo Arti Patel Minor in Mathematics Kishan Rakeshkumar Patel* Minor in Mathematics Tej Patel Tridib Paul Matthew Peter Proctor Minor in Psychology Taha Houssam Rhidouani With High Distinction Muhammad Danial Ross Julien Yves Rougerie Minor in History Aaron Pierre Saville Minor in Mathematics Ayush Sharma With High Distinction Co-operative Education Mohammad Musa Sheikh* Kendrick Frank Shepherd Ryan Gaurav Shimoga Jacob William Sipprell-Shatzky Minor in Entrepreneurship **Timothy Parker Sullivan** With High Distinction Muadh Taghdi With Distinction **Rheana Elizabeth Thomas** Minor in Business

Jason Varghese*

Alexander Michael Samonte Vidal

Daniel Joseph Violin With High Distinction Co-operative Education

Jinze Wan*

Minying Wu

Weicheng Yu

With High Distinction

Jacob Mathew Zachariah

Ryan Zaibak Minor in Business

Meng Zhang With High Distinction Minor in Business

Yuxin Zhang

Merdod Zopyrus*



Monday, June 12, 3:30 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

Gray Merriam



Gray Merriam will be awarded the degree of Doctor of Laws, *honoris causa*, at the 3:30 p.m. ceremony on Monday, June 12, "in recognition of outstanding contributions to establishing and promoting the field of Landscape Ecology through teaching, research and outreach."

Merriam is a professor emeritus at Carleton University. He taught and directed graduate students in the fields of population and landscape ecology and nurtured academic affiliations in Poland, Sweden, France, the Netherlands and the U.S.

In addition to publishing about 100 peer-reviewed research papers in international journals, chapters in research reviews and numerous other scientific reports, he has co-authored several books on the ecosystem.

Merriam was president of the International Association for *Landscape Ecology*, and on the editorial board of the journal Landscape Ecology. He directed the Landscape Ecology Research Laboratory, the Environmental Science Program, the Department of Biology and the Ottawa-Carleton Institute of Biology at Carleton University.

He has received honours from the U.S. Chapter of the International Association for Landscape Ecology and the International Association for Landscape Ecology. He has honorary degrees from the University of Moncton and is a recipient of a Latornell Conservation Pioneer Award.

In retirement, Merriam has tried to apply his ecological knowledge to the landscapes where he lives. He was the founding president of the Friends of the Salmon River, past chair of the Frontenac Stewardship Council and is ecological advisor to The Kennebec Lake Association. He was named Green Cottager across Canada by *Cottage Life Magazine* in 2009.

Order of Proceedings

Ceremony 3

Monday, June 12, 3:30 p.m.

President and Vice-Chancellor Benoit-Antoine Bacon, Ph.D., presiding

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

Processional Music

Opening Ceremony Video

Elder Barbara Dumont-Hill Algonquin Nation – Kitigan Zibi

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

Introduction by the Master of Ceremonies

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

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

Gray Merriam, B.S.A., Ph.D., D. Sc., Professor Emeritus (Presented by Jerry Tomberlin, Provost and Vice-President (Academic))

Convocation Address

Gray Merriam, *B.S.A., Ph.D., D. Sc.* Professor Emeritus, Carleton University

Conferring of Degrees and Awarding of Medals

Warrant Elinor Sloan, *Ph.D.* Marshal of Convocation

Closing Address by the President and Vice-Chancellor

Benoit-Antoine Bacon, Ph.D.

Recessional Music

Doctor of Philosophy

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Applied Mathematics

Subhendu Paul*

A Theoretical Analysis of the COVID-19 Pandemic using a Public Database Supervisor: E. Lorin de la Grandmaison

Biology

Eunnara Cho*

Application of Genomics-based Technologies to Advance *In Vitro* Genetic Toxicity Assessment *Supervisors: I. Lambert and C. Yauk* Specialization in Chemical and Environmental Toxicology

Willow Bernadette English*

Carry-over effects in Arctic-breeding shorebirds: a cross-species Perspective Supervisors: J. Bennett and P. Smith

Lisa Kelly

The Gut Microbiome and its Relationship to Migratory Behaviour and Fate in Wild Fishes *Supervisors: S. Cooke and C. Yost*

Erin Patricia van Zyl

The Spliceosome Inhibitor Isoginkgetin Activates an ATF4-dependent Transcriptional Response Supervisor: B. McKay

Chemistry

Ramak Esfandi

In Vitro Antioxidant and Enzyme Inhibitory Activity of Oat Bran-Derived Protein Hydrolysates and Peptides and their effect on the Fat Accumulation in 3T3-L1 Cells *Supervisors: A. Tsopmo and W. Willmore* Concentration in Food Science

Michael Alexander Land

Designing Volatile Molybdenum Compounds for Vapour-Phase Deposition *Supervisor: S. Barry*

David Zanders*

Cobalt and Ruthenium Complexes for Vapor Phase Deposition Processes of Metallic Thin Films: Precursor Design, Surface Reaction Chemistry and Thin Film Applications *Supervisor: S. Barry* In Cotutelle with Ruhr-Universität Bochum

Earth Sciences

Yingzhou Li

Petrogenesis of Massive Sulfide Ores and Associated Globular Sulfide Texture in Raglan Horizon: Implications for Exploration of Concealed Orebodies at Depth Supervisor: J. Mungall

Health Sciences

Reyhaneh Golestani

Access barriers to healthcare services by young women in rural areas: A qualitative study in Australia, Canada, and Sweden Supervisor: P. Peters

Marina White*

Early Life Programming of Neurodevelopment and Growth: Understanding Nutritional, Inflammatory, and Placental Contributions in Complex Pregnancies *Supervisor: K. Connor*

Neuroscience

Meagan Milton

In Vivo Analysis of kir4.1 Channel Expression Following Photothrombotic Stroke and Antidepressant Therapy *Supervisor: P. Smith*

Physics

Gurpreet Kaur

New Measurement of ³⁹Ar Lifetime and Projected Sensitivities for Time-Varying Signals with the DEAP-3600 Detector *Supervisor: M. Boulay* Specialization in Particle Physics

Master of Science

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Biology

Amer Abdelgany*

Contribution of lonophores to Clinical Antimicrobial Resistance (AMR) Specialization in Biochemistry

Danielle Allard

Investigating the Contribution of *YPR089W*, a Gene of Unknown Function, to Translation Initiation in *Saccharomyces cerevisiae*

Julia Clarke*

Genetic Diversity Predicts Population Fitness and Persistence: The Value of Genetic Rescue in Conservation

Courtney Jane Donkersteeg*

Exploration-exploitation Learning in Foraging Hummingbirds is Driven by Cumulative Experience and Energetic Costs

Paul-Rene Victor Gert Dreessen

Methods for Interpreting an Untested Darwinian Conjecture

Vanessa Giovanna Gallo*

Time-course proteomic study of Acinetobacter baumannii after exposure to oxidative stress Specialization in Biochemistry

Leopoldo Ruben Gutierrez

The Eco-evolutionary Significance of Turion Reactivation Asynchrony in Greater Duckweed, *Spirodela polyrhiza*

Adrianne Carla Hajdasz*

Forest Amount, Not Fragmentation or Connectivity, Increases Bird Species Richness

Mairelys Naranjo Vera*

Histone Arginine Methylation in the Freezetolerant Wood Frog, *Rana sylvatica*

Samuel Richard*

Learnings from collaborative monitoring of remote wildlife populations: factors affecting changes in number and distribution of nesting Hudson Bay eiders ducks in the Belcher Islands

Colton Robert Alexander Stephens

The Role of Urban-to-Rural Gradients in Mosquito-Borne Disease Risk in Ontario, Canada

Danya Daria Yaremchuk*

Differential Introgression Between the Northern and Southern Extents of the Lodgepole x Jack Pine Hybrid Zone Suggests Environmentally Driven Selection and Local Adaptation

Chemistry

Alexander Christopher Aitken

Antifungal Natural Products from Endophytes of Fruit-Bearing Plants Specialization in Chemical and Environmental Toxicology

Jimmy Milton Baril*

Studying the Generation of Hot Electrons in Plasmonic Nanoparticle Monolayers

Eman El Morsi

Capillary Electrophoresis for Assessing Static Adsorption/Desorption of Pharmaceutically Active Compounds onto/from Transition Metal Oxide Nanoparticles - Central Composite Design of Response Surface Methodology

Risha Devi Minocha-Mckenney

The Metabolism of 6:2 FTOH and its Role in Covalent Protein Modifications Specialization in Chemical and Environmental Toxicology

Krysten Lynn Sheedy*

Trimethylation Enhancement using Diazomethane (TrEnDi) Enhances Mass Spectrometry-Based Analysis of Glufosinate and 3-(Methylphosphinico)propionic Acid in Complex Matrices

Kailai Wang

Toxicity of Metal Oxide Nanoparticles due to Redox Properties as Determined by Cyclic Voltammetry Specialization in Chemical and Environmental Toxicology

Yuqing Zhang

Ultrasound-Assisted Novel Double Emulsion Containing Grape Pomace Polyphenols as a Delivery System to Encapsulate Vitamin E and Omega-3 for Food and Dietary Supplement Applications

Concentration in Food Science

Earth Sciences

Colleen Olivia Harper*

Experimental Investigation of Colloid-Facilitated Metal Transport in Mine-Impacted Wetland Sediment

Marissa C. H. Livius

New Insights into the Cranial Anatomy of *Panoplosaurus mirus* (Dinosauria: Nodosauridae) using Computed Tomography

Health Sciences

Fahad Kabir

Investigating Microbial Interactions of *Pseudomonas Aeruginosa* and *Staphylococcus Epidermidis* in Mixed Biofilms: Implications for Chronic Biofilm Infections

Zoya Versey*

Unveiling Macrophage-Biofilm Interactions: Implications for Cellular Metabolism and Wound Healing

Health: Science, Technology and Policy

Aleyna Akgun

Maria Victoria Jade Alcantara

Hira Anjum

Khalid Ashraf Bastawisy

Michelle Bezanson

Benjamin William Coulman Burrows

Sarah Katherine Cameron

Myranda Grace Hawthorne

Leah Rachel Margetson

Eiti Rautela

- Savannah Pearsylia Sauve
- Amara Precious Umeh
- Carolyn Van Dam

Mathematics

Wenben Cai

Nicole Beatrice Chassin*

Computing the Zeta Function of the Integral Quaternions

Simon Martial Kuttner

Applications of the Subset Sum Problem Over Finite Abelian Groups

Adam Douglas Reeves

Modelling Nuclear and Mitochondrial Dynamics Governing Cell Survival Following Radiation Exposure

Yuanxiang Zhou*

Survey on the Irreducible Representations of Lie Algebras and Lie Groups

Neuroscience

Kiara Maria Ayoub

Impact of Maternal Hyperglycemia and Maternal Antenatal Stress on the Number of POMC Neurons in the ARC of Male and Female Rats Prior to Birth

Jacob Bornheimer*

Assessing the Beclin-1 Knockout: Autophagy, Neurogenesis, and the TUNL Task

Noora Donna Heiratifar*

Role of TrkB.T1 in Glial Inflammatory Response Elicited by MHV

Kamaya Lawrence

The Role of Prefrontal Cortex Astroglial Glucocorticoid Receptors in Mediating the Effects of Chronic Variable Stress on Emotive Behaviour

Nicole Elizabeth Micks

Acute Seizure to Modulate α-Synuclein Induced Parkinsonian Pathology

Mysa Arrey Myers

Sex Differences in the Antidepressant Effects of Ketamine

Carley Adrienne Paquette

The Role of Brain Derived Neurotrophic Factor (BDNF) in Regulating a-synuclein Pathology in Primary Microglia and Neurons

Michael David Parkhill

Pharmacotherapeutic Effects of Cannabidiol in Autism Spectrum Disorders

Aditi Sajjala Sankhe*

Behavioural and Neurological Effects of Fructose Cessation and Reexposure

Molly Christine Watson

Neural Mechanisms and Cognitive Outcomes Of Electroconvulsive Therapy: A Transdiagnostic Approach

Physics

Abo-Bakr Mohamed Abdelfattah Mohamed Emara

Argon Calibration of a Cryogenic Distillation Column for Xenon Isotopic Enrichment Specialization in Particle Physics

Timothy Alexander Hapitas*

Dark Matter Phenomenology in the $(g - 2)\mu$ Motivated $U(1)L\mu$ -Lt Model Under a General Treatment of Kinetic Mixing Specialization in Particle Physics

Michael Edward Thibodeau

Radiobiological Modeling of Pd-103 Permanent Breast Seed Implant Brachytherapy using Monte Carlo Dose Calculations Specialization in Medical Physics Fateme Dorry Hanzhao Huang* Jiayi Jiang Elham Kalantari* Elahe Khaksar* Rafia Tabassum

Graduate Diploma in Health: Science, Technology and Policy

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Liam Elliot Rowe*

Sami Aftab Abdul Emmanuella Chinonye Ajie*

Bachelor of Health Sciences Honours

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Reda Aasem

With High Distinction Concentration in Health throughout the Lifespan

Omar Ahmed Abdelgalil Concentration in Biomedical Sciences

Hasan Mahmoud Abdo

With High Distinction Concentration in Biomedical Sciences Minor in Biology

Madison Elisabeth Adams

With High Distinction Concentration in Biomedical Sciences Minor in Biology

Kareena Sara Ajith

Concentration in Biomedical Sciences Minor in Biology

Malak Ali Al Daraawi*

With High Distinction Concentration in Biomedical Sciences Minor in Biology

Isioma Sonia Anonyei

With Distinction Concentration in Biomedical Sciences Minor in Biology

Jayden Adam Arif-Pardy

With High Distinction Concentration in Biomedical Sciences

Clare Helen Ashton

With High Distinction Concentration in Disability and Chronic Illness

Sarah Margaret Helena Backes

With High Distinction Concentration in Health throughout the Lifespan Fardosa Aden Bile Concentration in Biomedical Sciences

Maryam Oluwaseun Biobaku Concentration in Biomedical Sciences

James Bohren* Concentration in Biomedical Sciences

Margaret Diane Jamieson Bolton

With Distinction Concentration in Global Health Minor in Statistics

Tasha Alexia Burhunduli

With Distinction Concentration in Disability and Chronic Illness Minor in History and Theory of Architecture

Amelia Lauren Campbell

With High Distinction Concentration in Biomedical Sciences

Morgan Jeanne Campbell

With High Distinction Concentration in Health throughout the Lifespan

Kassidy Doris Cavanagh

Concentration in Biomedical Sciences

Teagan Pineapple Clark

Concentration in Disability and Chronic Illness

Maia Angelina Cocciolo

Concentration in Biomedical Sciences

Vanessa Nana Adjoa Coffie

With Distinction Concentration in Biomedical Sciences

Rachel Susanna Coombs

With Distinction

Concentration in Biomedical Sciences

Maria N. Corston Grace Marie Kirby Concentration in Biomedical Sciences With High Distinction Concentration in Global Health Vanja Davidovic Ibrahim Hisham Labash With High Distinction Concentration in Biomedical Sciences Concentration in Health throughout the Lifespan Mustafa Hisham Labash Jessica Quinlan Earle Concentration in Biomedical Sciences With Distinction Shauna Lapp Concentration in Biomedical Sciences Concentration in Disability and Chronic Illness Minor in Neuroscience and Mental Health Minh Quang Le Joel Akabom Eyo Concentration in Biomedical Sciences With Distinction Concentration in Health throughout the Lifespan Aditi Gaur Lifespan With High Distinction Concentration in Biomedical Sciences Alexa Gurtler With High Distinction Adrienne Little* Concentration in Disability and Chronic Illness Manna Hailu Concentration in Health throughout the Lifespan Minor in Biology Zaineh Harahsha Concentration in Biomedical Sciences Minor in Biology Ilham Saleh Man Hassen Concentration in Biomedical Sciences Lifespan Thomas Casey Higginson With High Distinction Concentration in Biomedical Sciences Blal Idrees Lifespan With High Distinction Concentration in Health throughout the Lifespan Jasmine Somaly Irvin With Distinction Concentration in Global Health Ravith Sharinda Javasinghe-Mudalige Concentration in Biomedical Sciences Minor in Psychology Alexandra Annika Jones Concentration in Biomedical Sciences Morgan Olivia Jones With High Distinction Concentration in Disability and Chronic Illness Minor in Psychology Cesar Kattini With High Distinction Concentration in Biomedical Sciences Minor in Biology Rhodson Nii Adjei Odai **Devon Tyler King**

With High Distinction Concentration in Biomedical Sciences Minor in Neuroscience and Mental Health Abby Margaret Lee With High Distinction Concentration in Health throughout the Julia Carolyn Lehmann With High Distinction Concentration in Biomedical Sciences With High Distinction Concentration in Biomedical Sciences Minor in American Sign Language Emilia Jenny MacFarlane With High Distinction Concentration in Biomedical Sciences Mariah Hope MacLeod With High Distinction Concentration in Health throughout the Kaila Mary-Lynn Markland With High Distinction Concentration in Health throughout the Minor in Psychology Loraina Rose Marzano With Distinction Concentration in Disability and Chronic Illness **Conall Robert McCutcheon** With High Distinction Concentration in Biomedical Sciences Minor in Biology Drew Alexander David McLean With High Distinction Concentration in Biomedical Sciences Samira Nasreen Mehdi With High Distinction Concentration in Global Health Minor in Human Rights and Social Justice

Georgia Ann Draper Murray With High Distinction Concentration in Global Health

Concentration in Biomedical Sciences

Harry Ward Osler

Concentration in Disability and Chronic Illness

Shayla Muna Palmer*

Concentration in Disability and Chronic Illness

Makenna Kathryn Peters

Concentration in Biomedical Sciences Minor in Neuroscience and Mental Health

Marvam Qureshi

Concentration in Global Health

Reilly Jane Radford

With High Distinction Concentration in Health throughout the Lifespan Minor in Business

Mark Mandeep Ravdin

Concentration in Biomedical Sciences

Carson Ross Reynolds

With High Distinction Concentration in Biomedical Sciences

Gillian Sara Rickertsen

Concentration in Global Health

Madinatu Sesay

Concentration in Biomedical Sciences

Maryam Jasmina Souaid

With High Distinction Concentration in Biomedical Sciences Minor in Biology

Chloe Taylor Van Dyke*

Concentration in Disability and Chronic Illness

Braden Davis Van Moorlehem

With High Distinction Concentration in Disability and Chronic Illness

Willem Connor Vreeken

With High Distinction Concentration in Biomedical Sciences

Cathy Vu

With High Distinction Concentration in Biomedical Sciences Minor in Biology

Aiden Craig Warnholtz

With High Distinction Concentration in Health throughout the Lifespan

Megan Frances Williams

With High Distinction Concentration in Biomedical Sciences Minor in Bioloay

Bachelor of Health Sciences

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Roman Hebert*

Health Sciences

Charles Olivier Lauzon Health Sciences

Tamara Luna Alfaro* Health Sciences

Samuel Elijah Marier Health Sciences

Bachelor of Mathematics Honours

(Presented by Professor Robert Burk Director, School of Mathematics and Statistics)

Brianna Lvnn Faber

With Distinction Mathematics

Amin Fereidooni With High Distinction Mathematics

Daniel Lewis Csiszar Klotz With High Distinction Mathematics

Marion Kabanda Namukwaya

Statistics and Economics

Junvi Ou

With Distinction Computer Science and Mathematics Concentration in Computing Theory and Numerical Methods

Yunuen Perez Yanez*

Statistics Concentration in Actuarial Science

Janani Sivathayalan*

With High Distinction Statistics Minor in Biology

Mitchell Jeffrey Thompson

Statistics Co-operative Education

Radha Verma

With Distinction Statistics Concentration in Actuarial Science Minor in Economics

Ria Shradha Verma

With Distinction Statistics Concentration in Actuarial Science Minor in Economics

Jizhou Yang Statistics

Bachelor of Mathematics

(Presented by Professor Robert Burk Director, School of Mathematics and Statistics)

> Cassandra Alyssa Lapointe With High Distinction Mathematics

Felix Laroche* With High Distinction Mathematics

Qianpeng Penny Li* Computer Mathematics

Jade Mcnamara* Mathematics

Andrew Donald Mulawyshyn Mathematics Minor in Philosophy

Priyank Patel Statistics

Sehrish Maryyam Saeed* Mathematics

Jake Robert Soule Computer Mathematics

Tony Joseph Tran Statistics

Arianna Julia Patrizia Vitello Mathematics

Ali Jawad Walipur Statistics Minor in Economics

Tabitha Florence Williams* Computer Mathematics

Yankang Yang Mathematics

Xiaobo Yu Statistics

Bachelor of Science Honours

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Alexander Abou-Falah

With High Distinction Neuroscience and Mental Health Oluwatofunmi Adejoke Adesoji-Atoyebi Neuroscience and Mental Health

Mathematics Raiarshi Bose*

Gédéon Bernard

Mathematics

Raphael William Deketele With High Distinction Mathematics

Chibuikem Dave Adabanva

With High Distinction

Mathematics

Chukwunedum Jude Ekeruche* Mathematics

Ahmad El Makkawi Mathematics

Maxim Elman With Distinction Mathematics Minor in History

Talal Wasim Faddah Statistics Minor in Economics

Nyman Gallie Statistics

Mohammed Junaid Hossain Mathematics

Dongnan Jiang* Mathematics

Dane Walter Freedom Jones Statistics Minor in Philosophy

Shawn Kalra* Mathematics Maham Ahmad Neuroscience and Mental Health Minor in Psychology Mohammed Saif Al-Ghaithi Environmental Science Erin Kathleen Allen With High Distinction Environmental Science Concentration in Ecology, Biodiversity and Conservation Mitchell Christopher Allen Biochemistry Mohamad Alsaleh* Biochemistry and Biotechnology Ala'a Ahmad Alsatari Neuroscience and Mental Health Co-operative Education Abdulhameed Alsibai With Distinction Neuroscience and Mental Health Minor in Biology and Minor in Psychology Adnaan Amin Biology Concentration in Health Science Meghan Alyssa Appleby With High Distinction Neuroscience and Mental Health Minor in Biology Co-operative Education Ashley Michelle Arsenault With Distinction Environmental Science Concentration in Chemistry Co-operative Education Amy Claudette Bachhuber With High Distinction Biology Concentration in Ecology, Evolution and **Behaviour** Emily Margaret Bader Neuroscience and Mental Health Minor in Biology Brittney May Badger Neuroscience and Mental Health Minor in Biology Emma Pearl Barber With High Distinction Neuroscience and Biology Melanie Elizabeth Marie Beaudin With High Distinction Biology Concentration in Ecology, Evolution and Behaviour Kusal Dilan Bellana With Distinction Biology

Justin Bellavance With High Distinction Neuroscience and Mental Health Minor in Computer Science Grace Elizabeth Bennett With High Distinction Neuroscience and Mental Health Minor in Psychology Rochelle B. Bernal Biology Kafele Bernard-Edwin Neuroscience and Biology Donovan Graham Bosnich With High Distinction Biology Concentration in Ecology, Evolution and Behaviour Minor in Statistics Co-operative Education Iman Zineb Bouraoui With High Distinction Biochemistry Co-operative Education Calvin Sebastien Bradbury-Jost With High Distinction Bioinformatics Eric Brasier Physics Minor in Philosophy Andrew Robert Brvanton Neuroscience and Mental Health Minor in Psychology Matthew James Buchkowski* Physics Minor in Mathematics Simon Jesse Caton Food Science and Nutrition Minor in Biology Feyza Cavdaro With High Distinction Neuroscience and Biology Cameron Issac Charlton Physics Minor in Mathematics and Minor in Philosophy Tanon Koua Sung Chen With Distinction Environmental Science Concentration in Ecology, Biodiversity and Conservation Tadiwanaishe Charmaine Chikombero Biology Concentration in Health Science Shereka Marie Chirangee Singh Food Science Minor in Biology Ronan Alasdair August Colquhoun Biochemistry

Cailey Charlotte Cotnam With High Distinction Neuroscience and Mental Health Minor in Psychology Grace Marjorie Cotnam Biology Concentration in Ecology, Evolution and Behaviour Genevieve Emily McDougall Courtemanche Biology Minor in Psychology Veronica Janet Cramm Neuroscience and Mental Health Karen Andrea Cruz Farfan Food Science and Nutrition Minor in Business Co-operative Education Julia Alexis Darabaner With High Distinction Biology Robert Owen Darragh With High Distinction Physics Minor in Mathematics Waleed Darwish With High Distinction Biochemistry Scott John Davidson Neuroscience and Mental Health Matthew Davidson-Willis Environmental Science Alicia Marie Davies Neuroscience and Mental Health Minor in Psychology Morgan Danielle Davis Biology Minor in Chemistry Tia Delawar With High Distinction Biology and Biotechnology Sophie Elizabeth Delorme Neuroscience and Mental Health Minor in Biology Co-operative Education Leila Heberte Desir With High Distinction Neuroscience and Biology **Emily Pauline Desmarais** Biology Concentration in Health Science Minor in Psychology Dexter Atanasova Dimova With Distinction Chemistry Co-operative Education

Ryan Cuong Dinh Biology Minor in Geography Amanda Rose Donovan Earth Sciences Concentration in Finance: Resource Valuation Minor in Psychology Dagan Hamoud Doubad With High Distinction Neuroscience and Mental Health Lila Driscoll* With Distinction Biology Concentration in Ecology, Evolution and **Behaviour** Haneen Bassem El Khalili With High Distinction Neuroscience and Mental Health Ethan David Page Julien Fairchild* Environmental Science Minor in Technology, Society, and **Environment Studies** Mark Andrew Flesch With High Distinction Earth Sciences Liam Tyler Fleury Physics Minor in Statistics Co-operative Education **Rileigh Alexandra Foley-Watson** Neuroscience and Mental Health Minor in Psychology Brenna Marie Gagliardi With High Distinction Biology Jordyn Elise Gattie With High Distinction Neuroscience and Mental Health Katie Lee-Ann Amelia Gervasi Biology Abbey Lynne Gibb With High Distinction Neuroscience and Mental Health Minor in Psychology Hanna Gibson With Distinction Neuroscience and Mental Health Minor in Biology Rida Ali Gill Biology and Biotechnology Co-operative Education Trevor Alexis Gorman Biology Concentration in Biodiversity, Natural History and Conservation Science

Mackenzie Isla Gracequist*

With Distinction Earth Sciences

Cameron Justin Fraser Grasmeyer

With High Distinction Biology Concentration in Biodiversity, Natural History and Conservation Science Minor in Business

Katherine Mary Griffiths

With High Distinction Neuroscience and Biology

Veronica Sarah Grybas

With High Distinction Neuroscience and Biology Co-operative Education

Erin Lauren Gutoskie

With Distinction Neuroscience and Mental Health Minor in Biology and Minor in Linguistics

Dawson Raymond Gordon Hancock

Biology Concentration in Health Science

Meaghan Clare Gisele Harley

Chemistry Minor in Mathematics

Batool Ali Hassan Neuroscience

Pouria Heidarian

With Distinction Food Science

Sahar Salim Hemani

Biology Minor in Neuroscience and Mental Health

Cassandra Falicia Hidalgo

With High Distinction Neuroscience and Mental Health Minor in Health Sciences Co-operative Education

Taylor Hirsch

Neuroscience and Mental Health

Filsan Hirsi Neuroscience and Mental Health

Stephanie Marie Hobbs

With High Distinction Neuroscience and Mental Health Minor in Biology Co-operative Education

Elyse Reanne Hodel

With High Distinction Neuroscience and Mental Health Minor in Psychology

Nicole Ashley Hogwood

With High Distinction Neuroscience and Mental Health

Kadyn Muriel Ann Horne

Biology

Sasha Pascale Rozzi Hughes With High Distinction Neuroscience and Mental Health

Madison Anne Jocelyne Hunt

With High Distinction Neuroscience and Mental Health

Syed Muhammad Musadiq Hussain Biochemistry and Biotechnology

Dmitry Nickolas Ivanov With High Distinction Chemistry

Alethea Eleanor Jewer Neuroscience and Biology

Neuroscience and Biology

Sima Jolak With Distinction

Biology

Morgan-Jade Lorraine Joly With High Distinction

Neuroscience and Mental Health Minor in Biology

Fanta Kaba

Biology Concentration in Health Science Minor in Neuroscience and Mental Health

Lenah Pembele Kama

Neuroscience and Mental Health

Gracie Margaret Kantola Neuroscience and Biology

Ayesha Ali Ansari Khan

With High Distinction Neuroscience and Mental Health Co-operative Education

Kyra Jean Aubrey Kinsman

Environmental Science Concentration in Ecology, Biodiversity and Conservation

Garrett Andrew Vincent Kirk

With High Distinction Physics Minor in Mathematics

Shanleigh Elizabeth Lynn Kirk

With High Distinction Environmental Science Minor in Chemistry

Treia Reese Kirkpatrick*

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

Kays Kojan

Neuroscience and Mental Health

Youma Sira Konaté

With High Distinction Neuroscience and Mental Health

Megan Ainsley Kozak

With High Distinction Biology Brett Kuzmicz Earth Sciences Caleigh Elizabeth Landale-Fletcher* Neuroscience and Mental Health Minor in Biology and Minor in Psychology Miles Edward Lane Biology and Biotechnology Per Soe Htoo Law Biology Concentration in Health Science Hieu Minh Le Computational Biochemistry Minor in Computer Science Julia Kelly-Lynn Leclair With High Distinction Neuroscience and Mental Health Minor in Psychology Kyle Lemieux Neuroscience and Mental Health Minor in Law Zachary Louis Levy With High Distinction Neuroscience and Mental Health Minor in Biology Branden Lynch With High Distinction Biology Concentration in Molecular and Cellular Biology Yazan M. S. Mahram Biology Concentration in Health Science Alegria Malungo Biology and Biotechnology Elaine Julia Lyles Marshall With Distinction Neuroscience and Mental Health Jessica Nicole Marson With High Distinction Neuroscience and Mental Health Minor in Psychology Kavla Maurice Bioloav Concentration in Health Science Emily Rose McColville* With Distinction Environmental Science Concentration in Ecology, Biodiversity and Conservation Emily Jade McDaniel Biology and Earth Sciences Kristen Dawn Mcdonald With Distinction Environmental Science Concentration in Earth Sciences

Justin Anthony McLaughlin* Environmental Science Lucas James Mcphail Environmental Science Minor in Geomatics Marrissa Inge Miller Biology Aanchal Mishra Neuroscience and Mental Health TessaLynn Marjorie Misztak Biology Concentration in Biodiversity, Natural History and Conservation Science Sina Moazami Neuroscience and Mental Health Meryem Mohammad With High Distinction Neuroscience and Biology Kiana Moody Neuroscience and Mental Health Minor in Psychology Samantha Madeleine Marie Morel Environmental Science Concentration in Ecology, Biodiversity and Conservation Rebecca Moreno Biology Alicia Alexandra Morewood With High Distinction Biochemistry Minor in Earth Sciences: Earth Resources and Processes Xavier Malcolm Sebastian Morey-Besner Bioloav Concentration in Ecology, Evolution and Behaviour Saron Mulugeta With Distinction Biology and Biotechnology Co-operative Education Benjamin Nikkel With High Distinction Neuroscience and Mental Health Minor in Statistics Kelly Nisenbaum Neuroscience and Mental Health Co-operative Education Elhaan Nur With Distinction Neuroscience and Mental Health **Oluebube Rosemary Okafor** With High Distinction Neuroscience and Biology Peter Ojochelumi Okenne With High Distinction Neuroscience

Ireoluwa Ayomikun Olaniawo*

With Distinction Chemistry Co-operative Education

Hussein Milad Omran

Biology Concentration in Molecular and Cellular Biology

Michael Shawn Oostlander With High Distinction

Chemistry Concentration in Nanotechnology

Zoe Isabela Ortiz*

With High Distinction Neuroscience and Mental Health Minor in Psychology

Jenna Lynn Painter

With High Distinction Environmental Science Minor in Food Science

Andreas Pambis

Biology Minor in Chemistry

Parniya Paralogasingam

Biology Minor in Neuroscience and Mental Health

Diya Patel

With High Distinction Neuroscience and Mental Health Minor in Biology

Kaitlin Elizabeth Pedley

With High Distinction Neuroscience and Mental Health

Rebekah Peter Computational Biochemistry Minor in Statistics

Jacqueline Phillips

With High Distinction Biology Minor in Neuroscience and Mental Health

Kathryn Laura Evelyn Pihl

With Distinction Biology Minor in Chemistry

Jared Taylor Pilon Biochemistry

Leyla Katherine Pourang With High Distinction Neuroscience and Mental Health

Lauren Catherine Power

With High Distinction Neuroscience and Mental Health Minor in Biology

Walid Qaddumi*

Food Science

Shain Raichura With High Distinction Neuroscience and Mental Health Minor in Psychology Chloe Elizabeth Ranahan With High Distinction Nanoscience Britney Li Raschig With Distinction Neuroscience and Biology Bonnie Rachel Rebelo de la Rocque da Silva With High Distinction Biology Concentration in Health Science Courtney Rebecca Reesor Neuroscience and Mental Health Minor in Psychology Irbaz Fateh-Ur Rehman With High Distinction Biochemistry Madeline Louise Medeiros Reis With High Distinction Neuroscience and Mental Health Minor in Biology and Minor in Psychology Imane Rhzali With High Distinction Biochemistry Jared Adam Miller Richards With High Distinction Bioloav Sophia Mercedes Rivas With Distinction Neuroscience and Mental Health Minor in Biology Mackenzie Sarah Russell With Distinction Earth Sciences Concentration in Geophysics Minor in Physics Tuka Saleh* Food Science Minor in Biology Melissa Sammott Physics Minor in Mathematics Emma Hope Sanderson With High Distinction Neuroscience and Mental Health Minor in Psychology Tavneen Kaur Sandhu With High Distinction

Neuroscience and Mental Health Minor in Psychology Dafne Arledes Santos D'Trinidad

Neuroscience and Mental Health

Audrey Rose Scanlan With High Distinction Earth Sciences

Kara Marie Scott With High Distinction Biology Concentration in Ecology, Evolution and Behaviour Co-operative Education

Noor Emad Shubair*

Bioinformatics

Filza Hasan Siddiqui

With Distinction Neuroscience and Mental Health Minor in Psychology

Ramatu Sidi Aliyu Neuroscience and Mental Health Minor in Psychology

Sydney Faith Simard

With High Distinction Neuroscience and Mental Health Minor in Psychology

Christopher David Smyth Chemistry and Physics

Zintis Pauls Stasko With High Distinction

Biology

Matthew Alexander Crispim Stirling

With High Distinction Environmental Science Concentration in Ecology, Biodiversity and Conservation

Alexis Laine St Pierre

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

Isaac Anthony Owolabi Akanni Tairu

Neuroscience and Mental Health

Matthew Marc Tennant

Environmental Science Concentration in Ecology, Biodiversity and Conservation

Archanah Tharmakularajah Biochemistry and Biotechnology

James Alexander Thompson Interdisciplinary Science and Practice Minor in Mathematics

Shayla Beverly Amber Tremblay Physics

Brett Mitchell Underwood Neuroscience and Mental Health

Hanna Marie Unis-Thibault Food Science

Minor in Business

With High Distinction Biology Yaswini Vahesan Neuroscience and Mental Health Minor in Biology Simon Spencer VanDerLoo With High Distinction Neuroscience and Mental Health Minor in Biology and Minor in Computer Science Nicholas Van Oirschot With High Distinction Neuroscience and Biology Priya Sabine Van Oosterhout With High Distinction Neuroscience and Mental Health Minor in Biology Sander Kelso Van Walraven Environmental Science **Owen Ross Viih** With Distinction Neuroscience and Biology Trystan Murray Warnock-Juteau With High Distinction Earth Sciences Concentration in Vertebrate Paleontology and Paleoecology Natalie Anne Whitmore* With High Distinction Chemistry Co-operative Education Katherine Rebecca Wiebe Biology **Taylor Ann Withey** Biology Concentration in Molecular and Cellular Biology Lucas Grosner Worthing With High Distinction Neuroscience and Mental Health Zhigiao Xiao Food Science Minor in Economics Zitian Xu Chemistry Minor in Biology **Robert Yelland** Bioloav Concentration in Health Science Jiapeng Zhang With High Distinction Physics Elie Mulume Zihalirwa* Neuroscience and Mental Health

Augusto Jose Urena Pichardo

Bachelor of Science Major

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Abdulla Salem Abdulla* Biochemistry Kwasi Nti Asare Neuroscience and Mental Health Biology Amrita Bhattacharyya Biology Minor in Health Sciences Physics Cecile Marie Boudreau With High Distinction Neuroscience and Mental Health Minor in Biology and Minor in Psychology Leann Tran Byatte Environmental Science Breanna Mackenzie Grace Channell Biology Biology Lukas Christian Cheung With Distinction Biology Neuroscience and Mental Health Minor in Psychology Ebubechukwu Michael Chime Biology Environmental Science Rhiana Louise Clendenning Biochemistry Biology William Thompson Dunlop Biology Jacob Facette Biochemistry Biology Carson Harry Alexander Fraser Earth Sciences Heather Anne Froese Neuroscience and Mental Health Minor in Psychology Biology Hugh Robert Gibb **Environmental Science** Haigen Xu Minor in Biology and Minor in Geography Physics N'Faly Kaba* Environmental Science Lynn Kadamani Environmental Science Biology Minor in Geography Bryanna Sarah Kuhn* Neuroscience and Mental Health Rajkamal Singh Lall* Biology Biology

Berdhie Rosa Canegie Lebrun* Neuroscience and Mental Health Minor in Psychology Ashley Marie Mac Donald Nikolaos Demitrios McCafferty-Kouretsos Minor in Mathematics and Minor in Statistics Grace Catherine Moran* With High Distinction Environmental Science Minor in Biology Jenna Lynn O'Neill* With High Distinction Sarah Mahjabeen Sikder With Distinction Minor in Health Sciences Leaticia Astrée St-Côme Nathan Vincent Stevens-Cocco With Distinction Minor in Earth Sciences: Earth Resources and Processes Chloé Teixeira* Madeline Olivia Wetmore Neuroscience and Mental Health Emilee Lynn Wyman With High Distinction Minor in Neuroscience and Mental Health Ezana Yohannes Environmental Science Muhammad Farhan Younus Zhaofeng Zhang* Environmental Science Ziyang Zhuang*

Bachelor of Science

(Presented by Professor Maria DeRosa

Dean, Faculty of Science) Abdirahman Mohamoud Abdirahman* Edward David Adams Biology Luke John Bannerman Alana Catherine Barnes-Galea Neuroscience and Mental Health Minor in Biology **Blessing Bazuaye** Neuroscience and Mental Health Eric Best With High Distinction Minor in Biology Danielle Gille Cuya* Chemistry Kelsey Ac Dickson* Biology Sean David Romero Dionisio Neuroscience and Mental Health Minor in Psychology Abigail Rose Emmons With High Distinction Biology Felicity Therese Emmons With Distinction Biology Katherine Erlikh Neuroscience and Mental Health **Bianca Shirley Joanne Freeborn*** With Distinction Neuroscience and Mental Health Jose Adrian Garcia-Salas Vidal Francesca Ibrahim* Biology Uzoma Iroche Biology Alice-Sumai Alphayo Kidata Biology Minor in Psychology Christopher Hendrik Kievit Earth Sciences Minor in Physical Geography Jana Eun-Sae Kim With Distinction Neuroscience and Mental Health Minor in Health Psychology Kunwook Kim With High Distinction Biology Carly Ann Kinaschuk* Neuroscience and Mental Health

Zacchaeus Benjamin Laliberté With High Distinction **Christian Daniel Lavictoire** With Distinction Minor in Food Science Taylor dos Santos Lowthian* Chemistry Anna Lyons* Neuroscience and Mental Health Minor in Biology Katrina Mak Biology Jordan Michael McNamara* Chemistry Paul Menard Biology Maia Amanda Napke-Hannah With High Distinction Biology Dylan Ogilvy With Distinction Biology Fritz Kwabena Okrah Minor in Industrial Economics Ahmed Samir Omar* **Olivia Carina Paquet** With High Distinction Biology John Peprah* Minor in Chemistry Anurag Rawat Biology Camryn Mae Murphy Saunders Biology Addison Makana Seltitz Neuroscience and Mental Health Hailey Dawn Stewart Biology Simon Jacob Swanson With High Distinction Minor in Mathematics Stephanie Ujama Tony-Adiari Chemistry Minor in Psychology Olivia Celeste Janot Vale Biology Nathaniel Joseph van der Zalm Luu Luu Vo* Neuroscience and Mental Health

George Patrick Wright With Distinction

Biology

Razanne Yassine With High Distinction

Neuroscience and Mental Health

Pengbo Zhang Biology

Rushab Deepak Zinzuwadia Biology

Bachelor of Arts Honours

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Jabari D'Anthony Barnes

Biology Minor in History and Minor in Law

Smai Batson Biology

Aira Monique Nasol Felix

Biology Minor in Psychology

Louis Harrison Progosh

With High Distinction Biology

Emily Lillian Violet Rose Biology

Bachelor of Arts

(Presented by Professor Maria DeRosa Dean, Faculty of Science)

Kesi Nadine Bonita Fevrier

Biology Minor in French

Cut Johar Biology

Maggie Joldersma Biology

Ethan Lefebvre Biology

Nanakweti Anne Sifa Lussamaki* Biology

Tanaka Mangwiro* Biology Abdulazeez Olalekan Odumosu* Biology

Liam Pankovitch Biology Minor in French

Harsimran Rana Biology

Bilawaldeep Singh Samra* Biology

Grant Woodrow Shephard Biology

Jonathan Dale Wieler With High Distinction Biology

Alumni Association Welcome



Congratulations on obtaining your degree from Carleton University, persevering through any and all challenges faced. Welcome to the Carleton University Alumni Association (CUAA).

With your remarkable achievement comes a membership in a thriving club – a dynamic organization of more than 177,000 people living and working around the world who all share a proud connection with this university. This network can help you realize your dreams, open doors and connect you to your alma mater.

This is a day for celebration, but it also represents 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 memories for the rest of your life.

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

Mat Main, *B.Eng* President, Carleton University Alumni Association



Ottawa, Ontario, Canada

