

Carleton UNIVERSITY



**157TH CONVOCATION
2022**

June 22, 2022
Ceremonies 11 and 12

2022 Spring Convocation

(2022 Graduates)

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

O Canada

O Canada! Our home and native land!

True patriot love in all of us command,

Car ton bras sait porter l'épée,

Il sait porter la croix!

Ton histoire est une épopée

Des plus brillants exploits,

God keep our land glorious and free!

O Canada, we stand on guard for thee.

O Canada, we stand on guard for thee.

Convocation at Carleton University

History

Carleton University is unique within the Ontario university system for several reasons. It was founded in 1942, not by state or church, but through 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 31,000 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 Algonquin from Wahgoshig First Nation, and who practises Mitawin 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 open-fronted sleeves. The doctoral gown is of full-style, made of fine royal blue cloth with facings of light blue silk, with a full gathered yoke behind, and closed sleeves with an opening at the elbows.

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

The gown of the honorary Doctor of Laws, Literature, Music, Science, Engineering, Architecture or Fine Arts is a full robe with square collar at the back 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, Canadian Nuclear Laboratories and Ottawa Hydro. 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.

Vice-Chair of the Board of Governors



Greg Farrell, B.Comm., CPA, CA

Greg Farrell served as the President and Chief Operating Officer of Giant Tiger Stores Limited until his retirement in 2015. Throughout his career, Farrell devoted his time to giving back to the community, working with a number of non-profit and Ottawa-based organizations over the years.

Farrell is a former member of the Finance Council of the Roman Catholic Archdiocese of Ottawa-Carleton and a past board Director for the Ottawa Senators Foundation.

He holds a Bachelor of Commerce degree from Carleton University.

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 Vice-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

Betina Appel Kuzmarov, *Ph.D.*

Associate Professor, Faculty of Public Affairs

Donald L. Russell, *Ph.D.*

Professor, Faculty of Engineering and Design

Eagle Staff Carrier

Michaela Michaud-Hunter

Ojibwe Nation

Aurora Ominika-Enosse

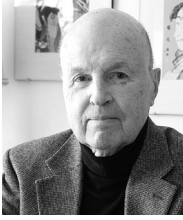
Ojibwe Nation – Wiikwemkoong Unceded

Territory

The university acknowledges the many faculty, staff, campus departments and ancillary operations for their valuable contribution to the success of the Spring 2022 Convocation ceremonies.

University Awards

2021/22 Founders Award



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

Carl H. McMillan Jr., *Ph.D.*

Carl McMillan discovered his passion for Russian Studies through years of travel and study abroad – a devotion that would lead him to Carleton in 1968, where he would become one of the first directors of what is now known as the Institute of European, Russian, and Eurasian Studies (EURUS). McMillan would serve as Director for two terms before retiring in 1998.

Fifty-five years later, his commitment to Carleton remains steadfast. His contributions have led to the establishment and funding of both the Pushkin Endowment Fund and the McMillan Chair in Russian Studies, that support teaching and research excellence within EURUS.

His selfless dedication to the Institute and its students has inspired many, leaving behind a legacy of collaboration in research and teaching that endures.

McMillan has a B.A. and M.A. in International Relations from Yale University and a Ph.D. in Economics from Johns Hopkins.

2021/22 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.

Valentina Vera Gonzalez, *BIB*

Valentina Gonzalez is a final year student studying International Business with a Minor in French and a concentration in Global Financial Management and Systems.

Since beginning her studies in 2018, Gonzalez has contributed immensely to the spirit of student volunteerism and leadership at Carleton University. She has served as President of the Humanitarian Organization of Latin American Students (HOLAS), a peer mentor, a Paul Menton Centre volunteer, and a member of the CUSA Student Issues Action Committee.

Her commitment to success has seen her achieve Dean's Honour List status in 2019 and 2020, as well as being awarded the Scotiabank Scholarship in International Business, Marie Odette Gabrielle Clay Memorial Award, and Sprott Business Students' Society Scholarship in 2019, 2020, and 2021 respectively.

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

Samra Brkic
Kevin Dick
Zachary Noah William Silver

Chancellor's Medal

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

Joyce Theresa Bacic
Justine Kennis
Erica Ann O'Neill
Madeline Eva Alberta Wadlow
Jayson Joshua Yung
Yangrui Zhu

President's Medal

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

Joshua Guarnieri

University Medal for Outstanding Graduate Work

Doctoral level

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

Michael J. Palmer

Master's level

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

Danielle Saj

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

Katherine Emily Bobbitt
Sarah Anne Booth
Julia Kristen Bursey
Alyssa Maria Gaetano
Kyle Kenneth Kreutner
Mackenzie Jillianna Mayled
Emily Grace Gourley Poulsen
Justin Phillip Koji Shimizu
Shaelene Gerri Stack
Neve Milot Sugars-Keen

Faculty of Engineering

Anne Bastin
Joshua Peter Berghuis
Natalia Pavlovna Fomenko
Dylan Leveille
Michael Marsland
Magdalena McClure
Shiva Moin
Chase Sun
Celia Ren Yunyue Wang
Wendi Zhu

Faculty of Public Affairs

Laquesha Thushanda Bailey
Jillian Marie Buckie
James Cabral
Emily Gregoire
Ariel Alexis Harker
Kyle Alexander Lyon
Pascale Therese Malenfant
Najla Mohamed
Tobin Ng
Caitlin Maria Manuella Oliveira
Maaz Panchbhaya
Tanya Alicia Schwartz
Kathleen Geneviève Weary

Faculty of Science

Mikaela Ethier-Gagnon
Ilan Gofman
Kathryn Casey Harris
Ryan Ly
Elias Philip Mondor
Kristopher Tucker Samant
Jenny Shen
Wayne Yuan Tian II

Sprott School of Business

Sarah Mahfouz
Caralee Sarah Savage
Erika Jessie Schwab
Michelle Y. M. Tse-Seguin

Senate Medals for Outstanding Academic Achievement Graduate

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

Doctoral level

William Leonard Felepchuk
Yuan Wu
Samantha Amy McAleese
Melodie Cardin
Mohamed Hazem Abdelazez

Master's level

Emily Marie Walter
Ian Conor MacLean-Evans
Amanda Marie Stefan

Dawson Clark
Amir Reza Tabkhi Wayghan

Senate Medals for Outstanding Academic Achievement Undergraduate

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

Pawandeep Kaur
Abdul-Khalil Aalab
Geneva Jumoke Okuntola Akinniyi
Christianna Violette Alexiou
Waqas Ali
Ethan Allain
Mariam Almalki
Michael Charles Robert Gordon Antram
Havailah Bhatti Arnold
Feras Balbous
Samphe Brule Emily Lhasa Ballamingie
Benjamin Dov Beiles
Ben Samuel Bergen
Val Berri
Noor Angharad Bhimani-Burrows
Zach Bidgood
Chiara Rosa Brum Bozzi
Marianne Brissette
Jaya Budhia
Cassandra Lynn Calow
Marlaina Cameron
Alexander Scott Carter
Kenny Chan
Elizabeth Jane Charters
Francis Choi
Trinity Lyn Choiniere-Hamilton
Jada Leeann Clark
Dani Julienne Clayton
Gillian Claire Coffman Cook
Beatrice Corvucci
Rose Marie Danen
Sarah Desbiens
Toma Diaconescu-Grabari
Carley Sonja Dunbar
William Cole Dunstan
Paige Elizabeth Eborall
Aram Ebrahimi-Nafchi
Sophie Ehlebracht
Samar El Faki
Jackie El-Choueiry
Holly North Ellingwood
Thomas Anthony Fitzpatrick
Daniel Joshua Fogel
Olivia Sarah Gagnon
Jana Galley
Samuel Gamelin
Keltie Gardiner
Evan Michael Gibney
Jordan Richard Glass
Robert Rabih Gobeil-Hassan
Juan Sebastian Gomez
Luke Nicholas Goralczyk
Santinah Green-Mignacca
Michael Gunther
Yue Han
Sideqa Haqani

Graydon Edward Haskins
Erica Jayne Heiber
Megan Anne Hicks
Aidan Hill
Dane Ashton Hintermueller
Philip Christopher Hobbs
Christopher Bryan Holtum-Bennett
Megan Sahar Hooper
Camille Lynn Houde
Tianjiao Hu
Omar Imran
Alexander Oghenerobo Iwoh
Christina Katherine Jane
Hussein Hassan Janoowalla
Odessa Johnson
Emma Lysbeth Johnston
Angelina Desiree Joly
Morgan Holly Jones
Eren Kaya
Marianne Keuleman
Csaba Kilian
Jun-Won Kim
Nigel Rose Heathcliff Klemencic-Puglisevich
Nikita Katarina Koziel Ly
Tanushree Kunwar
Adam Michael Lemkow
Scott Erwin Thomas Leslie
Justin Li
Jiarui Li
Joshua Lonz
Chanel Nikita Dolly Lorena
Sean Patrick MacInnis
Lauren Maria MacLellan
Michael John Maddeaux
Lauren Patricia Maloney
Angelica Jane Mapeso
Julia Grace McDonald
Emma Christine McFarlane
Kieran Jamesee John McGregor
Mckenna Anfield Mottahed
David Anthony Neudorf
Baillie Emma Noell
Andrew James Paddon
Gabrielle Antoinette Pancu
Lauren Abigail Pesce
Aaron Paul Plowman
Wade Tyler Racicot
Gerald Franklin Rafael-White
Saif Rehman
Keenan James Reynolds
Shannon Leigh Robinson
Jacob Randal Gordon Roulston
Frances Elizabeth Sherratt
Mahad Mohammad Siddiqi
Shayna Kaylee Snucins-Earl
Shuang Song
Jordan James Stanfield
Maisie Isabelle Sturrock
Rosa Sun
Nicholas David Anthony Surges
Farhoud Talebi
Kimberly Anne Tan
Alexandria Beth Tesolin
Jicao Tian

Deanna Buscemi Todisco
Madison Marie Tomasini
Sydney Claudia Vallati
Cora Vasut
Madison Mikayla Venugopal
Kaelee Carmene Vincent
Kellen Vuong
Daniel Caleb Wall
Robert Ben Wallace
John Colin MacDonell Ward
Rachel Louise Watts
Logan John Weatherbie
Maia Mikala Cameron Wenger
Andrew David Wilson
Alexandra Hannah Wilson
Haoyu Xu
Paul Richard Zappacosta
Idir Yacine Zerrouk
Patty Zhou

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 11

Wednesday, June 22, 2:30 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

Larry W. Kostiuk

Dean, Faculty of Engineering and Design



Larry W. Kostiuk began a five-year term as Dean of the Faculty of Engineering and Design on July 1, 2019.

Prior to joining Carleton University, he served in several roles at the University of Alberta, including Chair of the Department of Mechanical Engineering (2002-2012), Associate Vice-President – Research (2015-2018), and Director of Future Energy Systems (2016-2018) – a Canada First Research Excellence Fund program.

Kostiuk's research specializes in chemical reacting flows, combustion (flaring, premixed flame dynamics, and pool fires), pollutant formation and control, thermodynamics, micro- and nano-fluidics (continuum and non-equilibrium molecular dynamic modeling), and energy conversion systems.

He has been a Visiting Professor at Centre National de la Recherche Scientifique in France, (2014-2015, 1997, 1996, 1995), Carleton University (2014), the Indian Institute of Technology (2013), the University of Cambridge, (2001-2002), and was a Special Advisor to the Assistant Deputy Minister of the Science and Innovation Division of the Department of Economic Development and Trade.

His research record has resulted in him being named a Fellow of the Canadian Academy of Engineering (2012) and Fellow of the Canadian Society for Mechanical Engineering (2011). His research group also won the Summit Award for Environment Excellence from the Association of Professional Engineers, Geologists, Geophysicists of Alberta (2007).

Order of Proceedings

Ceremony 11

Wednesday, June 22, 2:30 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 Irene Barbeau
Cree Nation

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

Introduction by the Master of Ceremonies

Rafik Goubran, Ph.D.
Vice-President (Research and International)

Convocation Address

Larry Kostiuk, Dean, Faculty of Engineering and Design

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 Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Information Technology

Omar Ibrahim Mahmoud Bani-Taha

Game-based Learning and Co-Design
with and for Newcomer Children's Social
Adjustment: A Case Study of Arabic Speaking
Twins
Supervisors: A. Arya and F. Taylor

Gerry Chan*

Player Matching using Personal
Characteristics for Asynchronous Multiplayer
Exergames
Supervisor: A. Arya

Daniel Hawes

Using Virtual Reality to Improve Learning
Mindsets and Academic Performance in Post-
Secondary Students
Supervisor: A. Arya

Master of Architecture

(Presented by Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Alexis John Almacin

Lo-Fi Music As Architecture: A Rhythmic
Transformation at Bank and Heron, Ottawa

David Bastien-Allard

The Cloud Factory: A Surrealist Rehabilitation
of the Downtown Ottawa Library and Tower

Julia Marie Boron

Blockchain Flipping: Housing as a Commodity
in Toronto

Sean Broadhurst

Tending to Weeds: A Ruderal Approach to
Architecture

Levi James Bruce

Meditations on Montréal Stone

Mira Burghed

The Archive of Lost Stories & Dormant
Memories: A Portal into the Oasis

Andrew Peter Cara

Adjusting the North American Suburb:
Combatting Internalization and Loneliness
Through Design

Emily Lucy Annette Cassidy*

Convivencia: Belonging, Agency, and Access
along Sao Paulos Minhocao

Chloe Cooke

Re-Imagining Periphery: More-Than-Human
Visions of Cohabitation and Consciousness

Tasia Craig*

Dwelling and Belonging: Government Housing
Rooted in Place

Ambra Carmela Maria Del Frate

Urban Agritecture: Inherited and
Contemporary Strategies for the Canadian
Landscape

Daniel Dickson

Literapolis: The Post-Internet Textual City

Michelle Duong

North Korean Cultural Heritage Interpretation:
Authenticity and Oral Testimonies in Crash
Landing on You

Daniel Frimpong Effah

Between This Space and Me: Tracing the
Shadow as an Episteme

Elizabeth Marie Catherine Farrell

The Tao of Home

Melissa Yee Ling Fink

The Wellness Project: An Investigation of
Oakvilles Heart

Taylor John Gauley

Decentralizing the City: Altered Paradigms of
the Workspace in a Post-Pandemic Society

Christina Jean Ghafari

Sites of Nurture: A Collaborative Community
for Post-Secondary Students

Matthew Robert Gillard

Cultures of Repair: Understanding Value
Through Storytelling in the Sailing Community

Eric Stevie-Ray Goldstein

The Affordability Cooperative: An Affordable
Housing Plan in Ottawa

Sach Singh Grewal

Towards a Martian Vernacular: Closed-Worlds
and Infrastructures of Social Connectivity

Vedad Haghghi

The Nine Valleys - Towards Embodied
Experience: Understanding the Confluence
of Material & Spirit in the Design of a Bahai
House of Worship

Cristina Truc Chi Hoang

Return of the Nomads: Addressing Digital Fiction through Transitory Architecture

Michael Blake Jamieson

Planned Inefficiency: Defining and Defending the Public Realm in the Age of Autonomous Vehicles

Tahsin Safa Khan

Visual Narratives and Emulating Architecture

Yana Kigel

A Golden Green Belt: Integrating Nature in Ottawa's Next Suburbs

Elizabeth Lebedev

Biomimicry in Architecture

Andréa R. McIntosh

Psychedelic Architectures: Expanding Universal Care with the Integration of Plural Psychedelic Health Spaces

Montana Morand McMurtry

Regenerative Architecture: Plastic Biodegradation & Bioplastic Production Algae Farm

Claire Louise Merrick

The Third Seascape: A Deep Narrative of the California Coast

Tamara Rudo Ruth Mписаunga

Towing the Line: Unraveling & Reconstructing Identity Along the Zambezi River

Matthew Adam Mun

Meshiagare: Experiential Architecture Through a Japanese Culinary Gaze

Danielle Nastassja Marie Myronyk

Saving Architectural Heritage: Climate Change Resilience and Conservation Management

Cong Chi Nguyen

Offerings and Inheritances: Reconstructing Family Altars for Queer Vietnamese Kin

Lorraine Okungbowa

(K)not Building: Fabrics, Walls, Gender and Domestic Space in Nigeria

Kirsten Nicole Ostrom

Unearthing Seattles Subterranean: A Proposal Dedicated to the History of the Queen City

Elta Pulti

Student City: A City Within the City Of Tirana

Anna Romanowska

Re: Flin Flon Mine: Reaccessing a Site of Extraction

Shaheer Sherif Saad

Illuminating Disconnections in Old Dubai

Saman Soltani

Beyond the Pristine: Reframing the Notion of Nature Conservation through the Agency of Plant Vagabonds in Torontos Rouge National Urban Park

Alexandra Beth Telford

Evolution of the Modern Home: Reprioritizing Community, Sustainability and Plasticity

Shane Villeneuve

I Went for a Walk: Observations, Reflections, and Imaginings upon Montreals Everyday Thresholds

Anniek Wheeler

New Age[ing]: Small-Scale, Collective, Grassroots Models of Housing for Older Adults

Ahrum Won

Tale of Soksom: Landscapes of Memory in Jeju, South Korea

Sung Chang Austin Yao

A Toronto-Taiwan Food Atlas: Urban Connections from Dumplings to Beef Noodle Soup

Anthony Youssef

Meaning (A)Drift: The Movement in the Holiday Inn Beiruts Socio-Political Narrative

Master of Architectural Studies

(Presented by Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Kristen Joy Harrison

From Critical Voice to Critical Mass: An Examination of the Current State of Architecture Criticism and Role of the Popular Critic

Master of Design

(Presented by Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Industrial Design

Dawson Clark*

Long-Term Care Worker Experience during
the Pandemic: Explorations in Visual
Storytelling

Daren Dzumhur*

Examining Stigma and User Comfort Through
the Reimagination of Crutch Design

Ruzbeh Sorab Irani*

Tactile Feedback Within Virtual Reality
Training: An Immersive Study for Motorcycle
Training

Cynthia Marlene Morawski*

The Body Biography as a User-Centered
Design Practice: Four Artists Narrate Their
Studio Stories

Nima Sharifi*

The Role of Design Thinking in Innovation
Centres and Hubs

Master of Information Technology

(Presented by Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Network Technology

Davood Akhavannasab

Mohamad Ghadie*

Digital Media

Victoria Ann Yu

Understanding and Predicting User
Engagement Behaviour on Twitter with
a Cognitive Behavioural Theory Inspired
Machine Learning Model
Specialization in Data Science

Graduate Diploma in Architectural Conservation

(Presented by Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Michael Daz Monreal

Hadi Tamim

Sumra Zia

Bachelor of Architectural Studies

(Presented by Associate Professor Johan Voordouw
Associate Director, Azrieli School of Architecture and Urbanism)

Hager Gamal AbdelRahman

With Distinction
Design
Co-operative Education

Nadia Gabrielle Abrahams

With Distinction
Urbanism

Nupur Agrawal

With High Distinction
Design

Stephanie Alkhoury

Design

Christopher John Armstrong

Conservation and Sustainability

Gavin Timothy Bailey

With High Distinction
Conservation and Sustainability

Basi Effiong Bassey*

Design

Danielle Rebecca Berno
With High Distinction
Design
Co-operative Education

Kailin Bi
Urbanism
Co-operative Education

Karli Olivia Bijkowski*
Conservation and Sustainability
Minor in Archaeology

Amelia Christina Bloem
With High Distinction
Urbanism
Co-operative Education

Andrea Larissa Booth
With High Distinction
Design
Minor in History and Theory of Architecture

Alexander James Borwick
With Distinction
Conservation and Sustainability

Kiara Thandie Bramao
With High Distinction
Urbanism

Madelyn Justina Byrtus
With Distinction
Design

Janis Cheung
With High Distinction
Design

Gracious Chitenderu
Design
Co-operative Education

Andrew Jayden Court
Design

Nishant Dave
With Distinction
Design

Noah Jonathan Desjardins
With Distinction
Design

Oliver Danger Dixon
Design

Charlotte Eileen Egan
Design

Yun Qi Feng
With High Distinction
Urbanism
Minor in Music
Co-operative Education
with Study Term Abroad

Jackson Harris Flagal
With High Distinction
Conservation and Sustainability

Robert Tyroneus Graham Follis
With High Distinction
Design
Co-operative Education
with Study Term Abroad

Zacharie Real Michel Forest
With High Distinction
Urbanism
Minor in Urban Studies

Pauline Ann Gahunia
With Distinction
Design

Riya Garg
Design

Vani Goel
With Distinction
Urbanism

Mélina Grandmont
With High Distinction
Conservation and Sustainability
Co-operative Education

Tobia Alexander Graziani
With Distinction
Design

Finnian Landrey Guard
Design

Bianca Elena Hacker
With High Distinction
Design
Co-operative Education
with Study Term Abroad

Sideqa Haqani
With High Distinction
Design
Minor in Film Studies

Bennet William Harvey
With High Distinction
Design

William Hermer
With High Distinction
Design

Syenne Courtenay Holder
Design
Co-operative Education

Eun Hye Jang
Conservation and Sustainability
Minor in Urban Studies

Juhee Vinod Jani
With Distinction
Urbanism

Nathan James Jesik
With Distinction
Urbanism
Co-operative Education

Jialiang Kang
Design

Elizabeth Sharon King

Design

Mathieu David Kirchmayer

With Distinction

Urbanism

Justin Li

With High Distinction

Design

Minor in Psychology

Yingyi Liao

Design

Alice AuDuong Luong

Design

Wen Jun Ma

With Distinction

Conservation and Sustainability

Abigail Macculloch MacKenzie

Design

Megan Elizabeth Maksymyshyn

With Distinction

Design

Co-operative Education

Ahaan Marwah

Urbanism

Hailey Marie McGuire*

Design

Jack Andrew Mead

With High Distinction

Urbanism

Simaza Najji

Design

Xuanchi Nie

Design

Minor in Economics

Ece Ozyolcular*

Design

Jasmine Elaine Paoloni

With Distinction

Urbanism

Minor in Environmental Studies and Minor in

Geography

Rory Peckham

With High Distinction

Design

Damiano Perrella

With High Distinction

Design

Minor in Business

Jeremy Peter Minh Pham

Urbanism

Gerald Franklin Rafael-White

With High Distinction

Design

Juan Francisco Ramirez

Urbanism

Minor in Geography

Ramon Antonio Renderos Soto

With High Distinction

Design

Jonathan Andre Robitaille

With Distinction

Design

Rebecca E. Rosairo

Design

Maria Giovanna Chebet Sang

Design

Co-operative Education

Tim Kasimir Schmidt

With High Distinction

Design

Asmi Sharma

Design

Jiaxuan Shen

Design

Reem Siage

With Distinction

Conservation and Sustainability

Co-operative Education

Kristopher Novak Taillefer

With High Distinction

Conservation and Sustainability

Georgia Patrice Temush

Design

Ricky Kai-Lok Tong

Design

Joao Victor Torres Stelluto

Urbanism

Sarah Elizabeth Cullen Van Alstyne

With High Distinction

Design

Dan Vu

Design

Jacob Robert Wilson

With High Distinction

Conservation and Sustainability

Miryam Ualid Yakub Aga

With Distinction

Design

Lingpeng Yang

Design

Bachelor of Industrial Design

(Presented by Associate Professor Wonjoon Chung
School of Industrial Design)

Ajani Alleyne*

Raha Bassidj

With High Distinction

Julie Denise Bourgoin

With High Distinction

Erika Cheng-Tarantino

With Distinction

Shannon Clara Chlistovsky

Minor in Technology, Society, and
Environment Studies

Aimée Wai Lan DeCruyenaere

With High Distinction

Julia Gwen Dickson

With Distinction

Minor in American Sign Language
Co-operative Education

Samantha Mary Dietrich

With High Distinction

Seamus Kevin Donahue

Vanessa Claire Gunnell

Oliver Heimbach

With High Distinction

Amélie Diane Houle

With Distinction

Minor in Technology, Society, and
Environment Studies

Jaclyn Leslie Jamieson

With High Distinction

Minor in Technology, Society, and
Environment Studies

Eileen Mary Kennedy - Macdonald

With Distinction

Jun-Won Kim

With High Distinction

Roxanne Alexandria Jean Komuntare

Co-operative Education

Benjamin Bruce Haig Koskovich

With High Distinction

Samuel Peter Kuhn

With High Distinction

Chris P. Y. Lee

With High Distinction

Co-operative Education

Xingchen Liu

Sashwat Mahara

With High Distinction

Brianna Daisy McGregor

With High Distinction

Minor in Technology, Society, and
Environment Studies

Rinona Metaj

With High Distinction

Minor in Psychology

Shiva Moin

With High Distinction

Diren Naidoo

Inioluwa Mofehintoluwa Oluyemi

With High Distinction

Thomas Justin Omura

With High Distinction

Alexander O'Reilly-Carr

Safiya Mona O'Sullivan

Minor in Psychology

Ryan Matthew Parr

With Distinction

Natalia Marina Pushkar

Drew Alexandre Robinson

With Distinction

Michael William Rubin*

With Distinction

Minor in Business

Co-operative Education

Tony Saber

Delayna Kayci Smith

With Distinction

Cora Vasut

With High Distinction

Minor in Psychology

Piers Waldie

With High Distinction

Celia Ren Yunyue Wang

With High Distinction

with Study Term Abroad

Alexander Patrick Whiteley

With High Distinction

Tia Belle Wiseman

Minor in History and Theory of Architecture

Vita Anne Snyder Yates

With High Distinction

Sunny Yu

Mingyue Zhang

Minor in Psychology

Liting Zhao

Minor in Business

Bachelor of Information Technology

In Collaboration with Algonquin College

(Presented by Associate Professor Robert Teather
Director, School of Information Technology)

Ahmed Abdullahi

Information Resource Management
Minor in Business

Jude Abu-Farha

With High Distinction
Interactive Multimedia and Design
Co-operative Education

Onyinyechukwu Bernice Agetu

Interactive Multimedia and Design

Rodrigo Andres Aguirre

With High Distinction
Information Resource Management
Minor in Technology, Society, and
Environment Studies

Aye Al Hasan

With High Distinction
Information Resource Management
Minor in English
Co-operative Education

Ilyas Abdi Ali

Information Resource Management
Minor in Business

Khaled Al-Shaebi

Interactive Multimedia and Design

Pauline Nina Anvari

With Distinction
Interactive Multimedia and Design
Co-operative Education

Isreal Oritseweyinmi Aritotumah

Network Technology

Tristan Arnold-Paquette

Interactive Multimedia and Design
Co-operative Education

Anthony Ayoub

Information Resource Management
Minor in Business

Wagma Ayubi

Information Resource Management
Minor in Religion

Abdulazeez Olamipo Azeez

Network Technology

Tomas Babkine-Di Caprio

Interactive Multimedia and Design

Nathaniel Michael Basque-Giroux

With Distinction
Optical Systems and Sensors
Co-operative Education

Connor Matthew Baumgart

Interactive Multimedia and Design

Manpreet Brar

Network Technology

Thomas Busby

Information Resource Management
Minor in Business

Jonathan-Wandrille Bwirukiro

Interactive Multimedia and Design
Co-operative Education

Cassandra Lynn Calow

With High Distinction
Information Resource Management
Minor in Women's and Gender Studies
Co-operative Education

Jing Cao

With Distinction
Interactive Multimedia and Design

Kenny Chan

With High Distinction
Network Technology

Vickey Chee

Interactive Multimedia and Design
Co-operative Education

Braeden James Chiu

With Distinction
Information Resource Management
Minor in Business

Julianna Caitlin Clarke

Interactive Multimedia and Design
Co-operative Education

Harrison William Croskery

With Distinction
Network Technology
Co-operative Education

Franklin Dang

Network Technology

Yesha Dani

Optical Systems and Sensors

Cameron Dillon David Dawson

Network Technology

Spencer Brian Dayes

Optical Systems and Sensors

Jonathan Patrick Donnelly

Information Resource Management
Minor in Business

Youssef Dupont

Information Resource Management
Minor in Biology
Co-operative Education

Maiar Magdy Mohamed

Interactive Multimedia and Design

Khalid El-Hamad
Optical Systems and Sensors

Hani El-Khalili
With Distinction
Optical Systems and Sensors

Tegan Emily Emes*
With Distinction
Information Resource Management
Minor in Drama Studies

Austin Elmer Empaynado
Interactive Multimedia and Design
Co-operative Education

Nicholas Joseph Fitzgerald
Optical Systems and Sensors
Co-operative Education

Isaiah Joel Freed
With Distinction
Optical Systems and Sensors
Co-operative Education

Frederique Gauthier
Interactive Multimedia and Design

Emmaline Noelle Anthony Lee Geldhof-Paulin
With Distinction
Information Resource Management
Minor in Communication and Media Studies
Co-operative Education

Aaron George
Optical Systems and Sensors

Luke Nicholas Goralczyk
With High Distinction
Network Technology

Taleivee Goundan
Photonics and Laser Technology
Co-operative Education

Sehrish Hoodbhoy
Interactive Multimedia and Design

Cindy Rui Ting Huang
Interactive Multimedia and Design
Co-operative Education

Edwin Huang
Network Technology

Nicholas James Hughes
Information Resource Management
Minor in Business
Co-operative Education

Gary Hung
Network Technology

Doaa Anas Idris
With High Distinction
Interactive Multimedia and Design

Maryam Jafar
Interactive Multimedia and Design
Co-operative Education

Martin David Janega
Network Technology

Yashashvi Jani*
Information Resource Management
Minor in Technology, Society, and
Environment Studies

Kian Alexander Reza Jones
With Distinction
Network Technology
Co-operative Education

Christopher Tien Chong Kao
Photonics and Laser Technology

Robert Franklin Kerr
Network Technology

Hashaam Ahmad Khan
Network Technology

Ye Fang Kuang
Interactive Multimedia and Design

William Stanley Kuzniarz
With Distinction
Interactive Multimedia and Design
Co-operative Education

Jacob Labelle
With Distinction
Photonics and Laser Technology

Jacob Michael Lapish
Interactive Multimedia and Design

Jenny Liu
Interactive Multimedia and Design
Co-operative Education

John Mark Lutz
Optical Systems and Sensors
Co-operative Education

Raphael Cantero Mabalot
Optical Systems and Sensors

Angelica Jane Mapeso
With High Distinction
Interactive Multimedia and Design
Co-operative Education

Mark McGregor
Interactive Multimedia and Design

Dylan Manuel Gaudet Medeiros
Interactive Multimedia and Design

Nicholas Daniel Joseph Menard
Network Technology

George James Mikos
Network Technology

Joshua Ryan Moffat
Interactive Multimedia and Design

Andrew James Moore
Network Technology

Kieran Francesca Murray
Interactive Multimedia and Design
Co-operative Education

Ahmad Mushtaq
Network Technology

Kyle Orion Nadeau
Network Technology

Adam Zine-Eddine Nimour
Network Technology
Co-operative Education

Miracle Chukwuemeka Nnorom
Network Technology

Obiajulu Emmanuel Ogbogu
Network Technology

Hannah Rose Perks*
Interactive Multimedia and Design

Henning Qu
Network Technology
Co-operative Education

Noreen Qureshi
With Distinction
Interactive Multimedia and Design
Co-operative Education

Olivia Usama Safwat Louis Ragheb*
Information Resource Management
Minor in Economics

Ricardo Joshua Ramirez
With High Distinction
Network Technology

Heather Kathleen Reese
Optical Systems and Sensors
Co-operative Education

Quinton Percival Donovan Rodrigues
Interactive Multimedia and Design

Noemi Maria Eileen Roestel
With High Distinction
Interactive Multimedia and Design

Yara Mohammed Saadaldin
Interactive Multimedia and Design

Bashir Yusuf Sadiq*
Network Technology

Anna Lynne Scheidl
Interactive Multimedia and Design

Rayed Muhammad Shahin*
Photonics and Laser Technology
Co-operative Education

Hemant Sharma
Network Technology

Weitao Shen
Interactive Multimedia and Design

Griffin David Stacey
Network Technology

Carly Lynn Strathearn
With High Distinction
Interactive Multimedia and Design
Co-operative Education

Richard Graham Thompson
Interactive Multimedia and Design

Austin Ryan Thompson-Wood
Network Technology

David Joseph Toth
Network Technology

Hsu-An Tsai
Network Technology
Co-operative Education

Connor Daniel VanRumpt
Photonics and Laser Technology
Co-operative Education

Eric Warren
Network Technology
Co-operative Education

Rania Wehbe
Interactive Multimedia and Design

Sean West
With Distinction
Network Technology

Lucas Wilson
Network Technology

Macaulay Wilson
Network Technology

Darrel Connor Wright
With Distinction
Network Technology

Jiajun Wu*
With Distinction
Information Resource Management
Minor in Computer Science
Co-operative Education

Sereen Yasin
Optical Systems and Sensors

Kirill Yesikov
Network Technology

Damon Yip
Interactive Multimedia and Design

Dante Andrew Goiri Zimmerman
With Distinction
Network Technology

Ceremony 12

Wednesday, June 22, 5:15 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

Larry W. Kostiuk

Dean, Faculty of Engineering and Design



Larry W. Kostiuk began a five-year term as Dean of the Faculty of Engineering and Design on July 1, 2019.

Prior to joining Carleton University, he served in several roles at the University of Alberta, including Chair of the Department of Mechanical Engineering (2002-2012), Associate Vice-President – Research (2015-2018), and Director of Future Energy Systems (2016-2018) – a Canada First Research Excellence Fund program.

Kostiuk's research specializes in chemical reacting flows, combustion (flaring, premixed flame dynamics, and pool fires), pollutant formation and control, thermodynamics, micro- and nano-fluidics (continuum and non-equilibrium molecular dynamic modeling), and energy conversion systems.

He has been a Visiting Professor at Centre National de la Recherche Scientifique in France, (2014-2015, 1997, 1996, 1995), Carleton University (2014), the Indian Institute of Technology (2013), the University of Cambridge, (2001-2002), and was a Special Advisor to the Assistant Deputy Minister of the Science and Innovation Division of the Department of Economic Development and Trade.

His research record has resulted in him being named a Fellow of the Canadian Academy of Engineering (2012) and Fellow of the Canadian Society for Mechanical Engineering (2011). His research group also won the Summit Award for Environment Excellence from the Association of Professional Engineers, Geologists, Geophysicists of Alberta (2007).

Order of Proceedings

Ceremony 12

Wednesday, June 22, 5:15 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 Irene Barbeau
Cree Nation

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

Introduction by the Master of Ceremonies

Rafik Goubran, *Ph.D.*
Vice-President (Research and International)

Convocation Address

Larry Kostiuik, Dean, Faculty of Engineering and Design

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 Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Electrical and Computer Engineering

Mohamed Hazem Abdelazez*

Analysis of Compressively Sensed
Electrocardiogram for Detection of Atrial
Fibrillation
Supervisors: A. Chan and S. Rajan

Khalid Ateyia Almahrog

Optimal Detection in the Presence of Non-
Gaussian Jamming
Supervisor: R. Gohary

Mohamad Alzayed

Simplified Maximum Torque per Ampere
Trajectory Tracking for Permanent Magnet
Synchronous Machine Drives
Supervisor: H. Chaoui

Zahra Ashouri Talouki*

Kernel-Based PET Image Reconstruction
using Dynamic PET and MR Anatomical
Information
Supervisors: R. Dansereau and R. deKemp

Patrick Joseph Gavigan

Agent in a Box: A Framework for Autonomous
Mobile Robots with Beliefs, Desires, and
Intentions
Supervisor: B. Esfandiari

Abdallah Abed Elhafiz Jarwan*

Data Management for Enhanced Resource
Utilization in Internet of Things Systems
Supervisor: M. Ibn Kahla

Zhe Jiang*

High Data Rate DMT SERDES Design
Supervisors: C. Plett and N. Ben-Hamida

Qiao Lu*

Dynamic and Parallel Resource Allocation
with Analytical Performance Estimation for
Virtualized Environment
Supervisor: C. Huang

Ehsan Rahimi*

Reliable Streaming of Stereoscopic Video
Considering Region of Interest
Supervisor: C. Joslin

Sina Salsabili*

Automated Segmentation of Complex
Biological Structures in Histopathology
Images
Supervisors: A. Chan and E. Ukwatta

Scott Alexander Stewart

Multiscale Modeling of Electromagnetic
Metasurfaces Using Zero-Thickness Surface
Susceptibility Models
Supervisors: T. Smy and S. Gupta

Ye Tao*

Uncertainty Quantification in Large Scale
Systems Design
*Supervisors: M. Nakhla and E. Gad and F.
Ferranti*

Master of Applied Science

(Presented by Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Electrical and Computer Engineering

Tabarak Al-Gafari

Strategies for Cooperative Energy Distribution
on Multi-Robot Warehouse Systems

Farhad Andalibi*

Evaluation of High Level Synthesis
Frameworks: Analysis Across Three
Programming Paradigms

Mohamad Imad Azzam

Ambient Source and Energy Prediction for
Energy-Aware Task Scheduling in IoT

Jasleen Kaur Brar*

Multi-Layer Approximate Computing

Mounia Chakik*

Fabrication of Functionalized Graphene
Coated OTFT Humidity and Chloride Ion
Sensors for Detecting Corrosion Precursors in
Metallic Structures

Diego Sebastian Felix*

A Wide-Bandwidth Galvanically Isolated
Current Sensor with Frequency Modulation

Hunter Juan Galeote*

Platform for Graphene Sensors Using Printed
Circuit Boards and Single Board Computers

Vishnu Priya Guddeti

Decentralized Cache-aided Offloading in
Edge Cloud Collaborative Environment using
Deep Q Reinforcement Learning

Nahal Ilaee

Non-Intrusive Load Monitoring Based User-Centric Demand Response for Smart Home Energy Management

Maaz Jamal

Supervisory Control Using DEVS with Approximate Method and Hybrid Layer

Alvi Jawad*

A Cyberattack Impact Analysis Approach for Industrial Control Systems

Rishabh Sudhir Jiresal*

Formalization of Cyber-Physical System Interface using Discrete Event System Specifications

Ilyas Abdinasir Kandid*

Array Design for High-Resolution Beam Steering in Optical Phased Arrays Applications

Jorden Mark Labossiere

Adaptable Electrically Steerable Antenna Array with Diverse Switchable Polarization

Nhat Hieu Le*

Performance Analysis for Supporting Ultra-Reliable Low-Latency Communications in Advanced Wireless Networks

Guoxin Liu*

Domain-Specific Analog Accelerators for Artificial Intelligent Algorithms Implementation

Ahmed Elsayed Mahmoud Abdelaziz Salem

Mathematical Models for Task Assignment with Service Level Agreement in Fog Computing Networks

Vishal Bharatkumar Shah

Fabrication-Tolerant Integrable InGaAsP C-Band Polarization Rotator

Bruno Tardif*

Gunshots Sound Analysis, Identification, and Impact on Hearing

Leen Yassin Kassab

Heart Rate Detection using Video Magnification: Impact of Algorithmic Parameters and Noise

Lei Yuan*

Optimization and Modeling for Optical Phased Array

Siyu Zhou*

A New Approximation for Multiserver Waiting Time, for Layered Queueing Systems

Master of Engineering

(Presented by Associate Professor Amir Hakami
Associate Dean, Faculty of Engineering and Design)

Electrical and Computer

Suresh Babu Adithan**Françoise Blanc**

Concentration in Modelling and Simulation

Chandan Sai Chebrolu

Specialization in Data Science

Mohammed Chamel Nezar Chowk**Glenn Thomas Davidson*****Mohammed Waseem Akram Gaddameedi****Pavan Krishna Godugunuri****Devesh Prabhakar Hatkar*****Sarah Imran Khan****Darshak Bharat Marvania**

Specialization in Data Science

Tharun Sai Merapala**Durga Madhur Nimmagadda****Arash Noori****Ayush Sureshbhai Patel****Hiteshi Dharmeshkumar Patel****Poojan Mukeshbhai Patel****Soham Piyushkumar Patel****Dhwani Saurabh Purohit****Mithila Rajakumar*****Lakshmi Sree Alekhya Rampalli****Dharani Ranganathan*****Mounika Rangan Devarajan*****Sai Gouthami Priyanka Raparathi**

Specialization in Data Science

Avani Ashok Shirbur

Specialization in Data Science

Kanwar Roop Singh

Concentration in Software Engineering

Sonya Katherine Stuhlec-Leonard***Krithiga Subramaniam Ravichandran****Griffin Szymanski-Barrett*****Joshua Tanner***

Specialization in Data Science

Jeetkumar Rameshbhai Thummar**Siddharth Ashish Upadhyaya****Manideep Vankadara****Kavya Vellaiyur Chellaram****Venkata Sai Ishwarya Ventrappagada****Adam Abdirizak Yusuf**

Specialization in Data Science

Bachelor of Engineering

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

Electrical

Ruaa Abdulmajeed

With Distinction
Co-operative Education

Tariq Aboushaer*

Abdullah Fahmi Abu Shaban

Ab Sobeha Adamu*

Minor in Computer Science

Raheel Ahmed

Marion Ajjjala*

Ahmad H A N Alabdulmuhsen*

Nicolas Alarcon-Belanger

Co-operative Education

Joud Jarad AlHuwaitat*

Mooadd Souhib Yousif Al-Jasim

Colin Edward Andersen

Moosa Farhan Arain*

Arjun Singh Bhatti

Prottoy Biswas*

Ryan James Bleser*

Ethan Tom Borduas

Shane Brockbank

Ty Calder*

Julie-Anne Marie Diane Chaîné

Muhammad Arbab Chaudhry*

Haoyu Chen

Qiushi Chen

Yin-Chi Chen

Minor in Mathematics

Robert Paul Chitiu

Francis Choi

With High Distinction
Co-operative Education

Gabriel Elkadiki

Keon Fallah*

Konstantin Fedotov

With Distinction
Co-operative Education

Natalia Pavlovna Fomenko

With High Distinction

Calum Bennett Fraser

Adam Gas

Patrick Joseph Gibson

With High Distinction
Co-operative Education

Sunao Gomi

Maharshi Vinod Gurjar*

Colin Alexander Haggerty*

Jacob Ross Hammel

Abdil Wahid Ibrahim Hassan

Daniel Joshua Haycocks-Tulli*

Ayokunle Oluwaseyi Ipinloju

Christian Andreas Kamps

William Kohler

Co-operative Education

Tony Kam Fat Lam*

Andy Lau

Brian Thach Le

Justin Leakey

Jiaqi Li*

Ke Li

Stone Liu

With High Distinction
Co-operative Education

Yifeng Liu

Nicholas Robert James Lundy

Jilin Luo*

Deng Panchol Mading

Co-operative Education

Daniel John Maione

Co-operative Education

Kassem Mattar

Keegan Laurence Mauger

John-Douglas McGregor

Minor in Philosophy

Alana Christin Mckee

With High Distinction
Co-operative Education

Craig Albert McMahon

With High Distinction

Mitchell James Melisek

Alexandre Joseph Mougeot*

Alistair Scott Munro*

Kimberly Nguyen*

Minor in Statistics

Cyril Chukwubueze Onyebuchie

Ahmad Osman*

Justin Yeongjun Park

Jacob William Pender-Ryall

Efthimios Anastasios Proussalidis

Nicholas James Ramkhalawansingh
Co-operative Education

Jordan Cheyne Royer

Jacob Cole Sera*

Abdulrahman M. M. Shaheen

Spencer Zachariah Scott Simbul
With High Distinction
Co-operative Education

Ayub Siyad

Konrad Artur Socha

Zachary Alexander St. Pierre
Co-operative Education

Seth Daryl Lorne Thompson
Minor in Mathematics
Co-operative Education

Amogh Thoutu

Emediong Boniface Udombeh
With High Distinction

Precious Usoroh

Jinseng Jeremy Vanderkloot
Co-operative Education

Yiteng Wang*
With Distinction

Connor Alexander John Warden*

Shaun Christopher Wardle

Dakota Lee Wong*

Derek Adam Woodard

Yichen Xiao
With High Distinction

Tianhong Xie

Liwei Yang

Zhihao Yang

Zhiyuan Zhang*
Minor in Mathematics

Wendi Zhu
With High Distinction
Co-operative Education

Marantha Rodrigues

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

Additions and Corrections

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

Bachelor of Science Honours

Paul-Rene Victor Gert Dreessen

Biology

Macarena Teresa Freire Lyon

Food Science and Nutrition

Minor in Chemistry

Bachelor of Arts Honours

Dominic Santos

Criminology and Criminal Justice

Concentration in Law

Bachelor of Arts

Kalenga Sarah Ntumba

Human Rights

Elizabeth Prevost-Maurice

With Distinction

English



Ottawa, Ontario, Canada



100%