

ONTARIO TECH UNIVERSITY

CLASS OF 2021 CONVOCATION



FACULTY OF EDUCATION





VIRTUAL CONVOCATION CEREMONY

ONTARIO TECH UNIVERSITY

FRIDAY, JUNE 25, 2021



**CONGRATULATIONS
GRADUATES!**



CONVOCATION CELEBRATES THE SUCCESS OF OUR STUDENTS—THEIR SUCCESS AT ONTARIO TECH AS WELL AS THE ACCOMPLISHMENTS THEY WILL ACHIEVE IN THE FUTURE.

We can all take great pride in this moment. After all, each of us—parents and friends, professors, academic advisors, members of the board—has helped to ensure the academic success of our students.

Although we're celebrating in a different format than past Convocations, our sentiment remains the same. We're proud of our students and we know they're well equipped to meet the challenges of today and in the future.

CHANCELLOR

The Chancellor serves as the titular head of the university, presiding over Convocation and conferring all degrees, honorary degrees, certificates and diplomas on behalf of the university.

The Chancellor advocates for the university's vision as endorsed by the Board of Governors, and is an essential ambassador who advances the university's external interests

MESSAGE FROM THE CHANCELLOR

Take a moment and think about your past four years. During a time of unprecedented change, you invested your time, effort and dedication to reach this Convocation. In the history of the world your period of studies represents a mere blip, but in your life, and in that of your families, your years at Ontario Tech University will rank among your most important.

“ I encourage you to remember your purpose and the lessons you have learned during your time at Ontario Tech. Continue to push forward, one step at a time, just as you have during your years at this university. ”

Reaching this milestone has not been without its challenges, for you and for your university. When you started this journey, who would have predicted that a tiny virus would cause so many vast adjustments in such a short space of time. Who would have thought that classes, lectures and even ceremonies like Convocation, would be experienced on-screen rather than in person? Yet, you persevered. You thought differently, adjusted and made things work, as did Ontario Tech's caring faculty and staff. That says a lot. It shows the sorts of amazing things that can happen, even under trying circumstances.

Now you reach the end of your journey and receive your degree. This moment speaks to finality, of course, but remember that a degree represents much more than just an elegant parchment: it also symbolizes your entrepreneurial skills, your flexibility to take on new challenges and your ability to adapt to technological change. It represents the sum of your efforts and the commitment of this university's faculty and staff.

As you embark on a new path, many challenges and roadblocks will inevitably arise. I encourage you to remember your purpose and the lessons you have learned during your time at Ontario Tech.

Continue to push forward, one step at a time, just as you have during your years at this university. And, remember your university is proud of you, and will always be here to support you as you do great things.

On behalf of the Board of Governors, I offer my warmest congratulations and best wishes.



Sincerely,
Mitch Frazer
Chancellor

2020 - 2021 Members of the Board of Governors

Mitch Frazer,
Chancellor

Dietmar Reiner,
Board Chair

Laura Elliot,
Vice-Chair

Steven Murphy,
*President and
Vice-Chancellor*

Azzam Abu-Rayash

Liquan Cao

Kevin Chan

Stephanie Chow

Lisa Edgar

Laura Elliot

Doug Ellis

Francis Garwe

Ran Hao

Ferdinand Jones

Kori Kingsbury

Thorsten Koseck

Dale MacMillan

Maria Santos

Kim Slade

Trevin Stratton

Roger Thompson

Jim Wilson

Lynne Zucker

MESSAGE FROM THE PRESIDENT AND VICE-CHANCELLOR

Congratulations! You worked extremely hard to get to this day.

When I am not leading the university, I love to sail, and that sailor's perspective has proven particularly useful over the past year. Herman Melville, the great American writer wrote "...in this world, headwinds are far more prevalent than winds from astern...", and that has proven to be very true both on the water and in confronting a pandemic.

“ Today you join an exclusive community of Ontario Tech alumni, making extraordinary contributions in the workplace and in academia. ”

When COVID-19 public-health restrictions took effect we were each forced to consider how to move forward. Yet, despite those headwinds, I always had faith that you, along with our exceptional faculty and staff, would prove just how adaptive and resilient our university community can be.

And, were you ever!

You adjusted quickly to new ways of working, studying and collaborating. You confirmed yourself as an innovative thinker, ready to lead, and driven to find solutions to problems. You showed you have the knowledge and skills for career and personal success. You demonstrated your resiliency to adapt to rapid technological and social change.

You also showed how you and your colleagues can make better communities, even during a pandemic. You ran tech-device drives to support the elderly. You saw our hockey teams launch an anti-bullying program and join the Pink-Shirt Day movement. You fostered equity, diversity and inclusion during Treaties Week, Pride Month and Black History Month.

In short, you showed how we as a university work together, even when staying apart.

Today, you join an exclusive community of Ontario Tech alumni making extraordinary contributions in the workplace and in academia. I'm confident you'll experience success as you start the next chapter in your life.

On behalf of our entire university community, congratulations and best wishes. And, as the old Irish saying goes, may the wind be always at your back.



A handwritten signature in blue ink, appearing to read "Steven Murphy". The signature is fluid and cursive.

Sincerely,
Dr. Steven Murphy
President and Vice-Chancellor

MESSAGE FROM THE PROVOST AND VICE-PRESIDENT, ACADEMIC

On behalf of the university's Academic Team—the deans, professors, lecturers, lab technicians and advisors who form the heart of this university—I offer congratulations on your special graduation day. This represents one of life's most significant milestones; one of those special times that you will remember as an end, and maybe as a beginning.

Today I encourage you to reflect on the many different aspects of your Ontario Tech University experience. Those memories will remain with you, whether they are the new friendships you have made; your involvement with student clubs, societies or athletics; or your work with faculty members, as you pursued innovative projects or research.

This past year has not been an easy one yet you were flexible and responsive to new ways of learning, such as virtual classes, online tutorials, labs and meetings. You also displayed that unique spark of Ontario Tech ingenuity in your capstone projects, even as you found new ways to connect with your peers. These were challenging times but the fact that you thrived in spite of the challenges—or maybe, for some, because of them—is something that will serve you well throughout your career.

You may have your next steps figured out or perhaps they are still a work in progress. We at your university love to keep our eyes and ears open for the successes of our alumni, and today that includes you.

I invite you to stay connected with Ontario Tech through your Alumni Association and please be sure to share your future triumphs with us.

As you celebrate Convocation with those who have supported you, be as proud of your achievements as we are of you. And remember, your university will always be here to support you.

Once again congratulations on a job well done and best wishes for your future!



A handwritten signature in blue ink, appearing to read 'L. Livingston'.

Sincerely,
Dr. Lori A. Livingston
Provost and Vice-President, Academic

“ We at your university love to keep our eyes and ears open for the successes of our alumni, and today that includes you. ”

ORDER OF PROCEEDINGS

Processional

Opening of Convocation

Chancellor's Address

Mr. Mitch Frazer, Chancellor

President's Address

Dr. Steven Murphy,
President and Vice-Chancellor

Conferral of the Honorary Degree

Mr. Mitch Frazer, Chancellor

Address to the Graduands

Honorary Degree Recipient

Conferral of Degrees

Mr. Mitch Frazer, Chancellor

Closing of Convocation

Receptions

CONFERRAL OF THE DEGREE

The Convocation ceremony has its roots in ancient traditions. It is rich in academic conventions and symbols that carry special significance and meaning. In present day, these traditions are seen in the colourful academic dress and the customs that are observed throughout the ceremony, which serve to honour the achievements of the graduates and recognize their new role and obligations as members of their respective disciplines, fields of study and the alumni community. The Provost presents the degree candidates to the Chancellor, who then confers the degree.

DISTINCTIONS

Undergraduate students who have achieved a cumulative grade point average (GPA) of 3.8 or higher for the courses required for their degree will have the words with Highest Distinction added to their degree parchment and to the degree notation on their transcript. Undergraduate students who have achieved a cumulative GPA of 3.5 to 3.79 for the courses required for their degree will have the words with Distinction added to their degree parchment and to the degree notation on their transcript.

THE UNIVERSITY MOTTO

COGITANDO ET
AGENDO DUCEMUS

MEANS BY THINKING AND
DOING, WE SHALL LEAD



HONORARY DEGREES

Honorary degrees recognize persons who have made an outstanding intellectual and/or scholarly contribution in their chosen field of academic eminence; provided outstanding service and/or contributions to greater society through non-academic achievements and/or public service; or made major contributions in areas relevant to the mission of the university and/or to Durham Region/ Northumberland County.

The President selects the honorary degree recipients upon the recommendation of the Honorary Degrees Committee, following an open call for nominations that takes place in the fall of each year. This year the university will award the following honorary degrees:

DOCTOR OF LAWS, HONORIS CAUSA (LLD)

Awarded for outstanding achievement in social sciences in the broadest sense, or significant community contributions at the local, national or international levels.

HONORARY DEGREE RECIPIENTS

FACULTY OF BUSINESS AND INFORMATION TECHNOLOGY

Mr. Andreas Apostolopoulos

FACULTY OF EDUCATION

Ms. Noreen Taylor

FACULTY OF ENERGY SYSTEMS AND NUCLEAR SCIENCE

The Right Honourable Brian Mulroney and Mrs. Mila Mulroney

FACULTY OF ENGINEERING AND APPLIED SCIENCE

Dr. Mohamed Lachemi

FACULTY OF HEALTH SCIENCES

Mr. Paul Ralph

FACULTY OF SCIENCE

The Right Honourable Brian Mulroney and Mrs. Mila Mulroney

FACULTY OF SOCIAL SCIENCE AND HUMANITIES

Ms. Tanya Talaga

MS. NOREEN TAYLOR

Doctor of Laws, *honoris causa*



For her lifelong service as an educator, for her support of Canadian culture as founder of the RBC Taylor Prize, and for her extensive stewardship of, and passion for, this university and for its students, the university confers proudly upon Ms. Noreen Taylor, CM, the honorary degree of Doctor of Laws, *honoris causa*.

After graduating from the University of Toronto, with a Master of Arts in Art History, as well as a Bachelor of Education from the Ontario Institute for Studies in Education, Ms. Taylor began her career teaching art and history at Toronto's Malvern Collegiate Institute. Her talents and enthusiasm led to overseeing the creation of the Claude Watson School for the Arts at Earl Haig Collegiate Institute and becoming the school's founding Artistic Program Director.

Ms. Taylor chairs the board of the Charles Taylor Foundation, named after her late husband, the celebrated journalist, essayist, and horse breeder. Through the foundation she created the RBC Taylor Prize, Canada's most prestigious prize for non-fiction writing. More recently, she served as the Chair of the McMichael Canadian Art Collection and is a member of the board of the National Ballet of Canada and the Gardiner Museum.

Rounding out her commitment to the arts, she serves on the Indigenous and Canadian Curatorial Committee for the Art Gallery of Ontario. Not surprisingly, she is a proud Member of the Order of Canada.

The lengthy illness and ultimate death of her husband committed her to improving patient care and home care. Through her leadership, along with generous donations from Windfields Farm Ltd., she helped to develop palliative care in Ontario. She is proud to chair the board of Saint Elizabeth Health Care, Canada's largest not-for-profit deliverer of home care.

“Ms. Taylor's mix of imagination, leadership and philanthropy has led to extraordinary innovations in Canada's pedagogy, health care, and culture.”

Through her connection with Windfields Farm, Ms. Taylor became involved with the evolution of Ontario Tech University. She says she watched with keen attention the creation of what she calls “Ontario's newest and most innovative university”; she remains proud that the land that once was home to countless thoroughbred champions has now become the place where Canada's next generation of high achievers can display their skills and ingenuity on national and international stages. Ms. Taylor served two terms as the university's Chancellor from 2016 to 2020. During her tenure she served on the university's board of directors and offered personal congratulations to more than 10,000 graduates crossing the stage at Convocation ceremonies.

Ms. Taylor's mix of imagination, leadership and philanthropy has led to extraordinary innovations in Canada's pedagogy, health care, and culture. Beyond those achievements, her warmth, experience, and passion for this university has made it a better place for faculty, staff, and students alike.

DEGREE CONFERRALS | FACULTY OF EDUCATION

Friday, June 25, 2021

**Master of Arts
Master of Education
Graduate Diploma**

**Bachelor of Education
Bachelor of Arts (Honours)**

DOCTOR OF LAWS, HONORIS CAUSA

Ms. Noreen Taylor, CM

MASTER OF ARTS, EDUCATION

Charanjeet Singh Batra
Kimberley-Ann Black
Andrew Vincent DiVito
Cheryl John
Lillian Mak
Jesse Parsons
Aalyia Rehman

MASTER OF EDUCATION

Maria Krissalin Asuncion
Sarah Baillie
Jory Basso
Amel Belmahdi
John James Bertie
Michael Bryan Bowman
Darren Bryant
Julie Marie Chapman
Rahul Chopra
Deandra Emily Christopher
Melissa Leigh Cooper
Alana Nanette Craig
Heather Currie
Katina Renata Deichsel
Charlene Mary Di Danieli
Eliscia Vincenza Di Schiavi
Andrea Marie Dyack
Marc Rene Joseph Fortier
Richard Freeman
Julianne Denyga Gerbrandt

Melissa Gopaul
Sukhjeet Grewal
Francesca Amanda Gruppuso
Lindy Hudson
Jessica Leigh Hunter
Loredana Iazzi
Avryl Ann Jeffrey
Julie Johnston Volcansek
Delaney Julie Jones
Patrick Phillip Kiproff
Jason Chun Hsiu Lay
Connie E. Leroux
Hoi Man Leung
Gary Kenneth Lew
Seshaanth Saidev Mahendrarajah
Kristen Marks-Riberdy
Deborah Victoria
McDavid Pesikan
Sonya Rodrigues Melim
Lisa Anne Miller
Alexandra Isabelle Mitchell
Shawnda Maureen Norlock
Michelle Anne Parrish
Michael James Pascaris
Riya Jayesh Patel
Sarah E. Patience
Megan Pickard
Sandra Plante
Oliver St Patrick Pryce
Nayab Qureshi
Gillian Vicky Siu
Anthousa Annie Slater
Alison Sprayson
Cameron Steltman
Roxanne Marie Stewart

Stefania Strati
Blair Trewartha
Stephanie Lynn Tufts-Ellis
Peter Aaron Kari Vaisanen
Loren White

GRADUATE DIPLOMA, EDUCATION AND DIGITAL TECHNOLOGIES

Cassidy Joseph Gagnon

BACHELOR OF EDUCATION

Soniya Afshari ★★
Junwoo Ahn ★
Elise Albonese ★★
Oliver Alexander ★★
Deanna Demetra Alexandridis ★
Leshia Alfred ★★
Kandice Jean Robyn Anderson
Susan Andriya ★★
Brooke Ashley Arruda ★★
Jean Louise Artichuk-Murphy ★★
Melissa Ayisi ★★
Rachel Ainsley Baboulas ★
Taras Baczynsky ★
Sarah Elizabeth Bagnarol ★★
Courtney Simone Bajwa ★
Madison Amanda Barsky ★★
Andrei Radu Basaraba
Nadra Ben Otman ★★
Joy Erin Elizabeth Benjamin ★★
Nicole Suzanne Berkaslan ★
Jennifer Lynn Birnie ★★
Melissa Melaine Blair ★
Tracey Blaire-Ann Borlan ★★

Amy Jessica Bourdon ★★
 Jessica Megan Dolly Bunce ★★
 Robert Charles Burnet ★★
 Tess Marie Butler-Ulrich ★★
 Christina Nicole Campbell ★★
 Thomas Barrie Carver
 Douglas Yiu-Yang Chan ★★
 Simrin Kaur Chandi
 Jennifer Cherrington ★★
 Hyun Jung Chin ★★
 Claudia Maria
 Faustina Chiodo ★★
 Wei-Kun Chung ★
 Joseph Michael Cirone ★
 Natassa Contanas ★★
 Maria Christina Coulas ★
 Ateesia Shaunay Crooke ★
 Nicole Teresa Curti ★★
 Terza Dara ★
 Natasha-Mahvash Dato ★★
 Jessica Dauplaise ★
 Kourtney Catherine Davis ★
 Samantha De Sousa ★★
 Adam Gordon Delfico ★★
 Maggie Claudia Dickie ★
 Katerina Melissa Dimov ★★
 Luisa Dituri ★★
 Claire Frances Doiron ★
 Danika Alexis Dos Santos ★
 Joelle Elizabeth Dupre ★
 Sabrina Margarete Ebenreth ★★
 Christian Efpatridis
 Thiveckah Elamuhilan
 Maggie Ann Fairweather ★★
 Alessandra M. Federico ★★
 Marc Field
 Jessica Michelle Findlay ★
 Devin Richard Flynn ★★
 Aishwarya Ganesh ★★
 Aidan Grace Gertley ★★
 Erika Ann Gordon ★
 Denin Jared Gray ★★
 Michelle Aafke Greydanus ★★
 Shane Hardy ★★

Mason Paul Hawrychuk ★★
 Amanda Michelle Hinz ★
 Julia Elyse Houston ★★
 Kevin Stuart Hyland ★★
 Mina Raafat Ishak
 Abdelmessih Ibrahim ★★
 Samantha Margaret Irwin ★★
 Joshua Iskra ★
 Syeda Afshan Jabeen ★★
 Desiree Johnson ★★
 Faculty Medal
 Holly Lynne Johnstone ★★
 Anna-Christina Juarez ★★
 Sipporah Kandiah ★
 Ashley Karamy ★★
 David William Kasper ★
 Joseph Kassouf
 Jazmin Kaur-Singh ★★
 Patrick Keleher ★★
 Rehnoma Khandaker ★
 Jintaek Kim ★
 Sabrina Marie Kinch ★
 Jessica Mary Korosec ★
 Lilian Shea Lian Ku-Habib ★★
 Emily Jade Landsborough ★★
 Rhiannon Leigh Latremouille ★★
 Emma Nicole Lauchlan ★★
 Eugenia Lee ★★
 Meagan Louise Lee ★★
 Yeng-Ching Lee ★★
 Morgan Christina Leenders ★
 Scott Maurice Leitch-Casey ★★
 Zi-Xuan Liou ★
 Patricia Enrico Lora ★
 Candace Elaine Loveless ★
 Dylan Andrew Lund ★
 Magdalena Olivia
 Luszczynski ★★
 Bryden Elizabeth MacDonald ★★
 Melinda Lee MacKinnon ★
 Hunter Loreen MacLean ★★
 Lauren M. MacLean ★★
 Marylou Malicdem ★
 Emma McCallum ★★

Shawna McCracken ★★
 Connor McVeen ★
 Emma Catherine McWatt
 Hope Elizabeth Medema ★★
 Alexandra Sara Meglio ★
 Nicole Ann Menegol ★★
 Lianna Marie Metauro ★★
 Long Min
 Mark Jordan Mizzi ★★
 Asra Fatima Moosa ★★
 Christian James Morrison ★
 Meaghan Kathleen Morrison
 Joseph Andre Munarriz ★
 Emma Evaline Myers ★★
 Qais Nasserli ★
 Arash Nejadi Rad ★
 Eric Robert Leo Noyes ★
 Joshua Armando Oliveira ★
 Ryan William Partington ★★
 Alisa Victoria Passafiume ★★
 Lauren Emily Penney ★★
 Sharda Persaud ★★
 Samantha Lee Peters ★★
 Alex James Piliounis ★★
 Joshua Kent Trestrail Poole ★★
 Prabhsimranjit Rajput ★★
 Victoria Raphael ★★
 Madhur Rathi
 Shangavi Raveendran ★★
 Mark Raymond John Raycroft ★★
 Olivia Marlene Rayner ★★
 Natasha Recoskie ★★
 Kaitlyn L. Richard
 Katie Michelle Richmyre ★★
 Nicholas Alexander
 Daniel Rita ★★
 Michael John Lorenzo Russo ★
 Jessica Carolyn Ryan ★★
 Leena Saeed ★★
 Kathyne Taylor Samide ★★
 Valentina Scartapenna ★★
 Emily Ann Schmidt ★
 Ryan Herbert Schwenger
 Pragash Senathirajah



Ashley Christina Serrao ★★
 Shevani Sewlall ★
 Negin Shahamatifard ★
 Amanda Christine Sharma
 Divya Sharma
 Wajeeha Mansoor Siddiqui ★
 Lakhveer Singh ★
 Sehyun Sohn
 Thushanth Sothinathan ★
 Malina Stankova ★
 Ranim Bassam Taboule ★★
 Athena Iris Anastasia
 Taccone Decastro ★
 Rusol R. Taih ★★
 Brieanne Joy Tavone ★★
 Heather Kathleen Temple ★★
 Hannah Siobhan Terry ★★
 Alexis Amanda Theodore ★★
 Thirugnanasambanthar
 Thirukkumaran
 Adriana Jamie Todorovski ★★
 Mariam Amgad Toma ★
 Jessica Marie Torrano ★
 Sarah Louise Tullio ★★
 Matthew Taylor Van Kessel ★★
 Joseph Michael
 Steven Vocino ★★
 William George Waples ★★
 Christian George Whelan ★★
 Hayley Ellen Margaret
 Whetham ★★
 Jordanne Whitmarsh ★★
 Eric Alexander Wilton ★
 Christian Jonathan Wittemeier ★
 Johanna Rachel Young ★★
 Brooke Marie Zarudny ★
 Juliet Saria Zein ★

**BACHELOR OF ARTS
 (HONOURS), ADULT
 EDUCATION AND DIGITAL
 TECHNOLOGY**

Sherisse Carmen Richards

**BACHELOR OF ARTS
 (HONOURS),
 EDUCATIONAL
 STUDIES AND DIGITAL
 TECHNOLOGY**

Fahmeda Al-Basith ★
 Mahvish Arif
 Elizabeth Emma Arlette ★★
 AKM Ruhul Baksha
 Jessie Anna Elizabeth Branch ★★
 Aneesa Bridglal
 Krysta Alexandra Broutzas ★
 Asim Bukhari
 Elizabeth Lucy Cholewa ★
 Erica June Cogo ★★
 Natasha P. Copeland
 Taniska Tamara Cowan
 Nadia-Marie Kerise Downer ★★
 Alexandra Anita Louise Duco
 Darby Lane Elliott ★
 Kenneth Roy Gilchrist ★
 Michelle Juliet Grant
 Kate Lauren Higginbotham ★★
 Ashley Chrystal Hope ★★
 Chantal Hudon ★
 Justin Jackson
 Malicsa Jaggernaut ★★
 Telicia Kimberly John
 Rajini Kanheswaran
 Javeria Khan
 Hollee Margaret Rose Knell
 Sarah Megan Landry ★★
 Joel Michael Marcelo ★★
 Victoria Rose McDonald
 Sara Elizabeth
 Florence McKillop ★★
 Brianna Lisa McMahon
 Amanda Lee Miller ★★
 Bevin Michael Moolenschot ★
 Michael Peter
 Francis Murphy ★★
 Majuran Muthulingam
 Nuriye Mutlu

Sunny Mutti ★
 Kristin Mary Joy Pablo ★
 Kiera Kathleen Reid ★
 Ma Sofia Louise Silva ★
 Sinead Ann Smith ★★
 Paula Stortz ★
 Yasmeen Husain Syed ★
 Katelyn Tarabocchia ★
 Latoya Shanya Thomas ★
 Victoria Claire Trotter ★★
 Angela Vengal ★
 Amanda Marie Wolterbeek ★★
 Sumayya Yaseen



FACULTY MEDALS

Faculty medals are awarded annually by each faculty to the student graduating from an undergraduate program who has achieved the highest cumulative GPA in the courses required for their degree, as approved by the dean of the faculty. To be considered, students must have completed at least half the course requirements at the university and have achieved a cumulative GPA of 3.5 or higher.

FACULTY OF BUSINESS AND INFORMATION TECHNOLOGY

Nathan Albert Paul Labonte

FACULTY OF EDUCATION

Desiree Johnson

FACULTY OF ENERGY SYSTEMS AND NUCLEAR SCIENCE

Nicholas Adam Bourne

FACULTY OF ENGINEERING AND APPLIED SCIENCE

Joshua Shane Howorth

Anton Shchukin

FACULTY OF HEALTH SCIENCES

Jeffrey Chen

Kelly Elizabeth Mason

FACULTY OF SCIENCE

Samira Zarin Khattak

FACULTY OF SOCIAL SCIENCE AND HUMANITIES

Austin Kevin Chalmers

OUTSTANDING THESIS AWARDS

Outstanding Thesis Awards recognize a student graduating from a thesis-based master's program and a student from a thesis-based doctoral program whose thesis has made, or is expected to make, a significant contribution to their field of study. To be considered, students must meet the following criteria:

- Cumulative GPA of 3.7 or higher.
- Received an outcome of Acceptable without Required Revisions or Acceptable with Minor Revisions at their thesis defense.
- No academic offenses on their record.

2021 OUTSTANDING MASTER'S THESIS AWARD RECIPIENT

Maciej Bartosz Lacki

Thesis Title:

Analysis, Development, and Control of Multi-Degree-of-Freedom Passive Haptic Devices

Master of Applied Science, Mechanical Engineering

2021 OUTSTANDING DOCTORAL THESIS AWARD RECIPIENT

Haris Ishaq

Thesis Title:

Investigation of Integrated Systems for Clean Ammonia Synthesis

Doctor of Philosophy, Mechanical Engineering

GOVERNOR GENERAL'S ACADEMIC MEDALS

The Governor General's Academic Medal was first awarded in 1873 by the Earl of Dufferin and has since become one of the most prestigious awards a student in a Canadian educational institution can receive. The Governor General's Academic Medals are awarded for academic excellence at four levels:

- Bronze at the secondary school level.
- Collegiate bronze at the post-secondary, diploma level.
- Silver at the undergraduate level.
- Gold at the graduate level.

To maintain a spirit of universality across the country, the directives were designed to ensure the medals are awarded on academic marks only, regardless of the intangible qualities of students' lives, such as good citizenship, moral behaviour or popularity. The medal can be awarded to only one student.

Gold Medal

The gold medal is awarded annually to the student graduating from a graduate-level program who has achieved the highest cumulative GPA for the courses required for their degree, as approved by the Admissions and Scholarship Committee. To be considered, students must have a cumulative GPA of 3.8 or higher.

2021 GOVERNOR GENERAL'S GOLD MEDAL RECIPIENT

Osamah Siddiqui

Doctor of Philosophy, Mechanical Engineering

Silver Medal

The silver medal is awarded annually to the student graduating from an undergraduate program who has achieved the highest cumulative GPA for the courses required for their degree, as approved by the Admissions and Scholarship Committee. To be considered, students must have completed a minimum of 60 credit hours at the university and have achieved a cumulative GPA of 3.8 or higher.

2021 GOVERNOR GENERAL'S SILVER MEDAL RECIPIENT

Samira Zarin Khattak

Bachelor of Science (Honours), Biological Science

AWARDS FOR TEACHING EXCELLENCE

The university recognizes instructors who have demonstrated excellence in teaching. These awards distinguish those who have significantly enhanced the quality of learning for students through innovation and commitment, by fostering new instructional practices and learning activities, and through engagement in the scholarship of teaching and learning.

STUDENT CHOICE AWARD

Recognizes instructors selected by students from online course feedback and surveys. Awards were given in three categories: Teaching Assistant, Undergraduate and Graduate instructor.

FACULTY OF BUSINESS AND INFORMATION TECHNOLOGY

Rajinder Khurmi, Teaching Assistant

Joshua Lowe, Undergraduate

Julie Thorpe, Graduate

FACULTY OF EDUCATION

Keisha Deoraj, Teaching Assistant

Tricia Dwyer-Kuntz, Undergraduate

Joseph Stokes, Graduate

FACULTY OF ENERGY SYSTEMS AND NUCLEAR SCIENCE

Sarah Watt, Teaching Assistant

Salam Ali, Graduate

Rachid Machrafi, Undergraduate

FACULTY OF ENGINEERING AND APPLIED SCIENCE

Anshuman Sharma, Teaching Assistant

Anwar Abdalbari, Undergraduate

FACULTY OF HEALTH SCIENCES

Rufeyda Cosgun, Teaching Assistant

Syed Qadri, Undergraduate

Adam Dubrowski, Graduate

FACULTY OF SCIENCE

John Nemec, Teaching Assistant

Rupinder Brar, Undergraduate

FACULTY OF SOCIAL SCIENCE AND HUMANITIES

Lyndsay Woolridge, Teaching Assistant

Tanya Karam-Zanders, Undergraduate

ABOUT ONTARIO TECH UNIVERSITY

Modern and forwarding-thinking, Ontario Tech University advances the discovery and application of knowledge to accelerate economic growth, regional development and social innovation. We inspire and equip our students and graduates to make a positive impact in a tech-focused world.

We believe it's not only about developing the next tech breakthrough. Understanding and integrating the social and ethical implications of technology are our key differentiator.

We adapt to the ever-changing educational landscape by experimenting with the most effective ways to deliver flexible and dynamic learning, giving more choices to more people. By offering a range of credentials and experiential learning opportunities, and sparking entrepreneurship activities, we provide learner-centred educational options.

Our students enjoy a stimulating campus life experience that includes hundreds of clubs, cultural and community events, recreational opportunities and a growing varsity athletics program featuring basketball, badminton, curling, dance, golf, hockey, rowing, soccer, and women's lacrosse.

In addition to excellence in teaching, we offer our students experiential learning opportunities through internships, co-ops, practicums, research projects and more. In fact, 85 per cent of upper-year undergraduate students participate in experiential learning.

We collaborate with industry, community, government and academic organizations, bringing them together with our researchers and students to uncover innovative solutions for our partners' most pressing problems. The home to more than 80 specialized research laboratories and facilities, we're committed to attracting passionate and capable scholars to our high-tech campus.



The university is proud to acknowledge the lands and people of the Mississaugas of Scugog Island First Nation, which is covered under the Williams Treaties. We are situated on the Traditional Territory of the Mississaugas, a branch of the greater Anishinaabeg Nation, which includes Algonquin, Ojibway, Odawa and Pottawatomi.



THE UNIVERSITY COAT OF ARMS



The Coat of Arms was granted to the university on July 15, 2009 by Claire Boudreau, Chief Herald of Canada under the authority of the Governor General of Canada. The Coat of Arms offers a graphic representation of important facets of the university, as well as its history, values and achievements.

It highlights the university's ties to the regional, national and worldwide communities from which the university draws its mission and purpose. The university reserves the use of the Coat of Arms for commemorative and ceremonial purposes.

The Coat of Arms consists of a shield, a crest, supporters and a motto. The shield, at the centre of the arms, contains three elements: an open book, a canoe and a division line.

The open book denotes an institute of higher education. The inverted canoe alludes to intellectual exploration and signifies the university's location in Oshawa, which means portage or carrying place. The division line represents energy, innovation and community.

Atop the crest a falcon perches with its head facing forward to see the world as it is and to find ways to make a difference. The falcon, a symbol of leadership and persistence, holds a thunderbolt with flames at the top and bottom. Lightning bolts crossed behind the falcon emphasize the importance of technology. Thoroughbred horses flank the shield to reference Windfields Farm, which was located directly north of the university, and famed for breeding champion racehorses. As an official symbol of Canada, the horses also represent excellence, energy and agility. They stand on a mound of grass set with trillium flowers as a reference to Ontario. The university motto, *Cogitando et Agendo Duceamus*, means by thinking and doing, we shall lead.



THE UNIVERSITY MACE

The mace symbolizes the authority, independence and responsibility of the university as a protector, creator and facilitator of knowledge. It is carried before the President and Vice-Chancellor, and the Chancellor in the Academic Procession and rests on its stand throughout the ceremony.

The mace was unveiled at Convocation in 2007. Designed and crafted by Beth Alber, Associate Dean, Faculty of Design at OCAD University in Toronto, Ontario, it consists of a strong handle of carved cherry wood, an elegant and hardy tree native to southern Ontario. Rings of polished quartz and sodalite, in the university's colours, top the wood. The handle supports a crown of silver in the form of an abstracted flower bud, which is intended to be a reminder of our unending responsibility to nurture, protect and celebrate academic achievement among students, faculty and staff. The surfaces of the petals are etched with the microscopic imprint of a poplar leaf, as a symbol of hope and endurance. The mace is supported by a base of Belmont Rose granite from a quarry in the Kawartha Lakes region, representing the foundation of knowledge and our interdependence with the surrounding community.



GONFALONS

The gonfalon, a flag that hangs from a crosspiece or frame, originated in the medieval republics of Italy as an ensign of state or office. Universities from around the world have adopted gonfalons and they use them during Convocation ceremonies to symbolize the different academic areas within the university. The eight gonfalons displayed at the university's Convocation ceremonies represent the university and its seven faculties. Gonfalon carriers march at the head of their faculty during the procession, followed by the students who will graduate from each of the faculties during the ceremony.



University of Ontario Institute of Technology



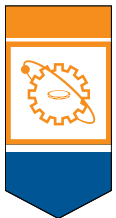
Faculty of Business and Information Technology



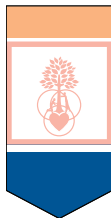
Faculty of Education



Faculty of Energy Systems and Nuclear Science



Faculty of Engineering and Applied Science



Faculty of Health Sciences

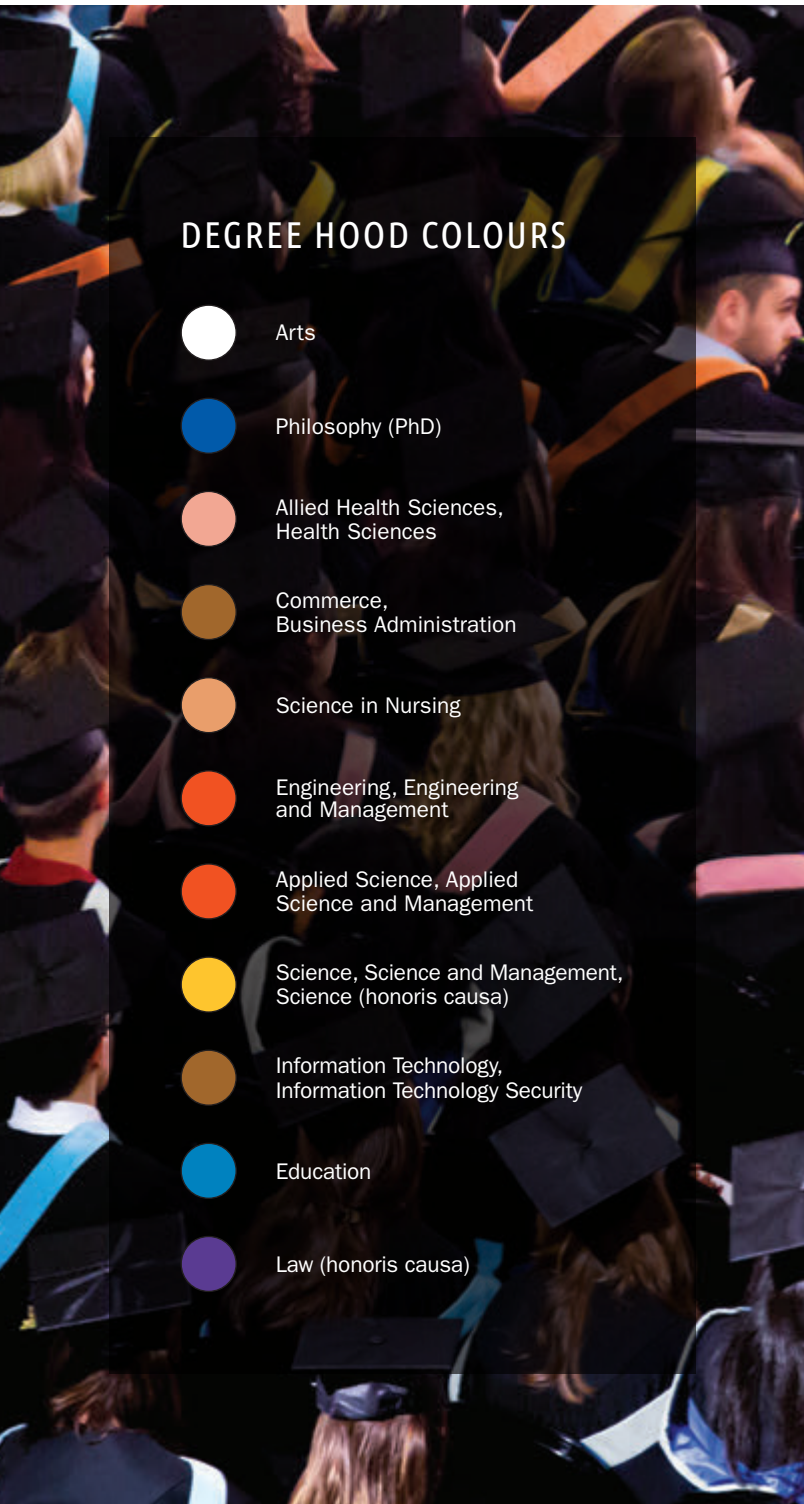


Faculty of Science



Faculty of Social Science and Humanities





DEGREE HOOD COLOURS

- Arts
- Philosophy (PhD)
- Allied Health Sciences, Health Sciences
- Commerce, Business Administration
- Science in Nursing
- Engineering, Engineering and Management
- Applied Science, Applied Science and Management
- Science, Science and Management, Science (honoris causa)
- Information Technology, Information Technology Security
- Education
- Law (honoris causa)

ACADEMIC REGALIA

The colourful academic dress worn in the Convocation ceremony was introduced more than 600 years ago. At the university, all graduates wear a gown, with a cap and hood. The gowns of bachelor's and master's graduates are black. The gowns of doctoral graduates are dark blue and trimmed in light blue. Mortarboards are worn by bachelor's and master's graduates, and velvet bonnets are worn by doctoral graduates. The hoods of bachelor's and master's graduates are black and the hoods of the doctoral graduates are dark blue. All degree hoods have an inside lining of royal blue as the colour of the university. The colour of the velvet trim on the hoods is distinctive of the degree that has been earned by the graduate. Graduate diploma recipients wear a black bachelor's gown.

The Chancellor and President and Vice-Chancellor wear gowns that are distinctive of the positions they hold in the university community. University governors who participate in the Convocation ceremony wear a gown and sash distinctive of the Board of Governors. University officers, faculty and staff who participate in the Convocation ceremony wear the academic dress distinctive of the institution from which they graduated and the degree they received. If the institution's colours are not available, participants will wear a black gown.



MESSAGE FROM THE ALUMNI ASSOCIATION

Congratulations, class of 2021! You've persevered through lectures, labs, deadlines and even a global pandemic, and today, we celebrate all of your achievements. On behalf of the Alumni Association, welcome to our alumni family!

“Convocation isn't the end of your relationship with the university; it's only the beginning.”

Convocation isn't the end of your relationship with the university; it's only the beginning. We're committed to helping you succeed throughout your life, whether it's through alumni benefits or career development opportunities. I encourage you to visit our Alumni website (alumni.ontariotechu.ca) and social media channels to learn about everything available to you in your new role as #OTALumni. From a wide variety of in-person and virtual programs

to events and other services, the Alumni Association Council and Alumni Office are here to help.

Alumni are the university's greatest ambassadors. You join our network of more than 23,500 graduates across our country and around the world. I hope you will join me in staying connected with our university and fellow alumni by sharing your experiences and accomplishments and by participating in alumni events.

Congratulations, you did it!



William Lee
Faculty of Business and
Information Technology,
Class of 2017

Chair, Alumni
Association Council

For an alternative format of this information, contact marketing@ontariotechu.ca.

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