

ONTARIO TECH UNIVERSITY

CLASS OF 2022 CONVOCATION



FACULTY OF SCIENCE

CONVOCATION CEREMONY

FACULTY OF SCIENCE

Ontario Tech University, Polonsky Commons, Oshawa, Ontario

Thursday, June 9, 2022







**CONGRATULATIONS
GRADUATES!**



TODAY WE CELEBRATE 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—family and friends, professors, academic advisors, members of the board—have helped to ensure the academic success of our students. We're proud of our students and we know they're well equipped to meet the challenges of today and in the future.

Following the ceremony, please join us for a reception located at Shawenjigewining Hall.



MESSAGE FROM THE CHANCELLOR

Class of 2022, it is an honour to salute you on all of your accomplishments as you celebrate Convocation. The earning of your university degree culminates one of the most rewarding and memorable chapters of your life and forever symbolizes your dedication, perseverance and capacity to fulfill a life goal. The entire Ontario Tech University community shares immense pride in your success.



YOUR UNIVERSITY FAMILY IS PROUD OF YOU, AND WE WILL CONTINUE TO BE HERE TO SUPPORT YOU IN THE YEARS AHEAD AS YOU ACHIEVE GREAT THINGS.

It goes without saying that your achievements have come during a period of substantial change that's featured significant adjustments to our daily lives. In tandem with your university, you have navigated the many challenges of the pandemic period, demonstrating determination, resilience and creativity throughout.

As classes and lectures transitioned between virtual and in-person modes, you needed to think differently, alongside Ontario Tech's amazing faculty and staff. Under the most trying of circumstances, you made it work. This will always speak volumes about your personal depth and character.

While it comes in the physical form of an elegant parchment, your degree represents the sum of your efforts and embodies your innovative skills, your flexibility to take on unique challenges and your ability to adapt to technological change.

As you push forward along new paths and search for new rewards, always reflect on your purpose and the nuggets of wisdom you take from your time at Ontario Tech. Your university family is proud of you, and we will continue to be here to support you in the years ahead as you achieve great things.

From all of us at Ontario Tech, I offer my warmest congratulations and best wishes. Enjoy the moment with your classmates, family and friends.

Sincerely,
Mitch Frazer, Chancellor

2021-2022 Members of the Board of Governors

Mitch Frazer, <i>Chancellor</i>	Ahmad Barari	Francis Garwe	Joshua Sankarlal
Dietmar Reiner, <i>Chair</i>	Carla Carmichael	Ran Hao	Kim Slade
Laura Elliott, <i>Vice-Chair</i>	Kevin Chan	Kori Kingsbury	Trevin Stratton
Maria Saros, <i>Vice-Chair</i>	Stephanie Chow	Thorsten Koseck	Roger Thompson
Steven Murphy, <i>President and Vice-Chancellor</i>	Christopher Collins	Matthew Mackenzie	Jim Wilson
Eric Agius	Douglas Ellis	Dale MacMillan	Lynne Zucker



MESSAGE FROM THE PRESIDENT AND VICE-CHANCELLOR

Congratulations graduates! On this day you are joining an exclusive community of more than 25,000 Ontario Tech alumni who are making extraordinary contributions in the workplace and in academia. You are also graduating from a university that is now listed among the Top 200 of the world's best young universities.

Your university is extremely proud of your achievements and confident you will continue to experience personal success as you embark upon the exciting next chapters in your life. As you reflect upon all of the hard work of your years at Ontario Tech, know that your degree confirms to the community, and to the world, that you are an innovative thinker and a solution finder. You are ready to lead.



AS YOU REFLECT UPON ALL OF THE HARD WORK OF YOUR YEARS AT ONTARIO TECH, KNOW THAT YOUR DEGREE CONFIRMS TO THE COMMUNITY, AND TO THE WORLD, THAT YOU ARE AN INNOVATIVE THINKER AND A SOLUTION FINDER. YOU ARE READY TO LEAD.

Nineteenth-century American essayist Ralph Waldo Emerson once said, "What lies behind us and what lies before us are small matters compared to what lies within us". It's a poignant observation. In the heart of a pandemic and in the midst of public-health restrictions, Ontario Tech is where you demonstrated how you were able to rapidly adapt to new ways of working, studying and collaborating. You persevered and rolled with the technological and social changes.

Students proudly carried the Ontario Tech banner, many of them capturing accolades in a variety of external competitions on the national and international stage. Others found creative ways to uphold the university's 'tech with a conscience' mantra and help build better communities through such endeavours as developing a mental health app for first responders, or examining the impact of social media on mental health. In short, you showcased your resiliency and exemplified how we as a university worked together, even if some of that time required us to stay apart.

On behalf of our entire university community, congratulations again on a job well done, and best wishes for continued success.

Sincerely,
Dr. Steven Murphy
President and Vice-Chancellor





MESSAGE FROM THE PROVOST AND VICE-PRESIDENT, ACADEMIC

On behalf of the university's entire Academic Team—the deans, professors, lecturers, lab technicians, teaching assistants, advisors, and academic support units—I offer sincere congratulations from your family at Ontario Tech on your special graduation day.



AS THIS CHAPTER IN YOUR ACADEMIC JOURNEY COMES TO A CONCLUSION, IT ALSO REPRESENTS A BEGINNING AS NEW OPPORTUNITIES AND LIFE DIRECTIONS COME YOUR WAY.

Convocation represents one of life's most significant milestones: a moment to celebrate with those who have supported you. It is a time to reflect on the many different aspects of your Ontario Tech University journey, such as the bonds you have formed with friends and classmates, your work with faculty members as you pursued innovative projects or research collaborations, or the memorable experiences of your involvement with student clubs, societies or athletics. Be as proud of your achievements as we are of you.

I also want to take this opportunity to commend you for your flexibility throughout the challenges our university community faced during the pandemic. You played a huge role in Ontario Tech's response by adapting to new ways of learning and connecting with peers through virtual classes, online tutorials, labs and meetings. The fact that you thrived with ingenuity, in spite of the challenges, will serve you well throughout your career.

As this chapter in your academic journey comes to a conclusion, it also represents a beginning as new opportunities and life directions come your way. One of those new opportunities is the power of staying connected with Ontario Tech through your Alumni Association. Please be sure to share your future triumphs with us, and remember that your university will always be here to support you.

Once again, congratulations on your incredible achievement and best wishes for your future!

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



OUR MOTTO

COGITANDO ET AGENDO DUCEMUS

By thinking and doing,
we shall lead.

ORDER OF PROCEEDINGS

Processional

Indigenous Honour Song

National Anthem

Opening of Convocation

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

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

Mr. Christian Lassonde

Conferral of Degrees

Mr. Mitch Frazer, Chancellor

Alumni Association Address

Alumni Association Council Member

Closing of Convocation

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

Recessional

Reception

CEREMONY NOTES

As a courtesy, audience members are asked to remain in their seat throughout the convocation ceremony and until the Academic Procession has left the ceremony. The audience should rise, if they are able, for the Processional, the honour song, the national anthem and the Recessional. Please silence electronic devices for the duration of the ceremony.

Guests wishing to take photos during the ceremony are asked to do so from their seat. A professional photographer will photograph each graduate and provide a complimentary proof following the ceremony.



[View and share the convocation ceremony webcast with friends and family here.](#)

The Hive Café can be found in front of Polonsky Commons, and is open for refreshments.

If you need first-aid assistance please visit the Campus Emergency Response Team (CERT) tent. A lost and found station is located in the UB Café.





HONORARY DEGREES

Honorary degrees recognize individuals who have accomplished extraordinary achievements and remarkable service. These individuals have demonstrated a significant contribution to the advancement of knowledge in one or more field; provided outstanding service to the greater society through non-academic achievements and/or public service; or made noteworthy contributions in areas relevant to the mission of the university and/or local community.

DOCTOR OF LAWS, HONORIS CAUSA (LLD)

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

2022 HONORARY DEGREE RECIPIENTS

- Mr. Jeffrey Boyce and Mrs. Julia Boyce
- Dr. Naheed Dosani
- Mr. Christian Lassonde
- Ms. Rania Llewellyn
- Mr. John Tavares (to be conferred in the Fall)
- Ms. Phyllis Webstad



HONORARY DEGREE RECIPIENT

Mr. Christian Lassonde | Doctor of Laws, honoris causa



For his outstanding work as a business leader and entrepreneur, his dedication as a mentor for the next generation of professionals, and his commitment and support to education and health care through philanthropy and volunteer activities, the university proudly confers upon Mr. Christian Lassonde the honorary degree of Doctor of Laws, honoris causa.

Mr. Lassonde is the Founder and Managing Partner of Impression Ventures, a venture capital firm focused on investing in companies that either improve current financial products or develop new products that ultimately provide lower costs or better access for consumers. Impression Ventures has invested in over 20 businesses in Canada and the US. Investments include Wealthsimple, Symend, Brim Financial, Fraction, Safekeep, Goose and many others. Mr. Lassonde sits on numerous corporate boards including Brim, Sensibill, Finaeo, Fraction, and 401Go.

Mr. Lassonde is a serial entrepreneur, having started four technology companies prior to Impression Ventures. He spent a decade in San Francisco, California building Virtual Greats, a luxury online property rights broker, and Millions of Us, a leading social media digital agency. Prior to that he built software for Second Life, LucasArts and Electronic Arts and sold solutions to Sony, Nike, Warner Brothers, General Motors, Coca-Cola, Intel and many other Fortune 500 companies.

He holds a Master of Business Administration degree from the University of San Francisco, a Bachelor of Engineering Science in Computer Engineering and a Bachelor of Science in Computer Science from Western University.

Mr. Lassonde is currently Vice-Chair of SickKids Foundation and is a Board Director of the Toronto French School. He is also Board Director of the Pierre Lassonde Family Foundation where he has supported a number of initiatives in education including the Claudette MacKay-Lassonde Pavillion at the Faculty of Engineering at Western University. His late mother Claudette MacKay-Lassonde was the first female President of the Association of Professional Engineers of Ontario in the 1980s and a longtime advocate for promoting engineering as an attractive career for women.



IMPRESSION VENTURES HAS INVESTED IN OVER 20 BUSINESSES IN CANADA AND THE US. INVESTMENTS INCLUDE WEALTHSIMPLE, SYMEND, BRIM FINANCIAL, FRACTION, SAFEKEEP, GOOSE AND MANY OTHERS.

Mr. Lassonde has served on the Fintech Advisory Council for the Ontario Securities Commission, and is a former member of the Board of Governors at Western University and former Chair of the Toronto French School Foundation. Mr. Lassonde lives in Toronto with his wife, Jennifer, and their four children.

Thursday, June 9, 2022

DOCTOR OF LAWS, HONORIS CAUSA

Christian Pierre Lassonde

DOCTOR OF PHILOSOPHY, APPLIED BIOSCIENCE

Matthew Hammill

Thesis Title: The Synthesis and in vivo Evaluation of Chemically Modified siRNAs that Contain Red-Shifted Internal Azobenzene Derivative Spacers for Selective and Tunable Photocontrol of Activity Without UV light

Tyler James Harrow-Lyle

Thesis Title: Investigating the Distribution of Nitellopsis Obtusa in Ontario Lakes and Its Role as an Ecosystem Engineer

Michael Philip Jeffrey

Thesis Title: Immunomodulatory Activity of Lacticaseibacillus Rhamnosus R0011: Analysis of Secretome-mediated Impacts on Innate Immune Outcomes in Intestinal Epithelial Cells and Antigen Presenting Cells

Jeffery Robert Regier

Thesis Title: Synthetic Methodologies Toward the Functionalization of Benzhydrols and Carbohydrates

Lidya Salim

Thesis Title: Synthesis, Characterization and Biological Investigation of Self-delivering and Modified Short Interfering RNA (siRNAs)

Andrew Varley

Thesis Title: Development and Characterization of Chemical Modifications for Strand Selection

DOCTOR OF PHILOSOPHY, COMPUTER SCIENCE

Tosan Atele-Williams

Thesis Title: Towards a Computational Model of Information Trust

Chris Kim

Thesis Title: A Modular Interface Framework for Multimodal Annotations and in Human-AI Collaboration

DOCTOR OF PHILOSOPHY, MATERIALS SCIENCE

Holly Michelle Fruehwald

Outstanding Thesis Award

Thesis Title: Functionalized Carbon Surfaces for Clean Electrochemical Energy Systems

Nadia Olena Laschuk

Thesis Title: Monolayer Terpyridyl Metal Complexes for High-Efficiency Electrochromic Materials

DOCTOR OF PHILOSOPHY, MODELLING AND COMPUTATIONAL SCIENCE

Azad Aminpour

Thesis Title: A Deep Learning Approach to Focal Cortical Dysplasia Segmentation in Children with Medically Intractable Epilepsy

Marcos Roberto Machado

Thesis Title: Applications of Hybrid Machine Learning (ML) Algorithms to Predict Customer Relationship Management (CRM) Metrics in the Financial Industry

MASTER OF SCIENCE, APPLIED BIOSCIENCE

Autumn Marie Collins

Charlene Allisa Fernandez

Christine Michelle Flaherty

Emily Hassal

Shreya Jain

David William George McNabney

Nancy Tannouri

Mitchell Adam Tiessen

Chase Ryan Tudor

MASTER OF SCIENCE, COMPUTER SCIENCE

Alireza Abdollahzadeh Namanloo

Aref Abed jooy Divshali

Aryan Asadian

Spencer Cole Bryson

Noopa Jagadeesh

Rajinder Khurmi

Yen-Hung Liu

Michael Natale Lombardo

Guoxuan Ning

Feiyang Wang

Ganyu Wang

Jason Patrick Whelan

Jennifer Chi-Wai Yeung

Wen Bo Yu

Davood Zaman Farsa

MASTER OF SCIENCE, MATERIALS SCIENCE

Rana Ahmad

Sergio Gabriel Majluf Suarez

Mason Thomas Sullivan

**MASTER OF SCIENCE,
MODELLING AND
COMPUTATIONAL SCIENCE**

Camelia Yazdani

**BACHELOR OF SCIENCE
(HONOURS), APPLIED AND
INDUSTRIAL MATHEMATICS**

Mohammed Al Sharif ★

Fatima Zahra Fatha

Cora Rachel McFarlane ★★

Alexander Pierce Scott-Westfield

Saadat Shah

Isabelle Carmel Smyth ★★

**BACHELOR OF SCIENCE
(HONOURS), BIOLOGICAL
SCIENCE**

Abdulfatah Mohamed Abdillahi

Musaddiq Mohammed Ali ★★

Raphael Arian

Gheizal Azizian ★

Sabikah Bazli ★

Flavia Breje ★★

Ken Carlo Gray Capco

Amanda Chabilall

Mohammed Faiz Chauhan ★★

Subashini Chelivan ★★

Yun Jung Chung ★★

Madison Jade Crombie ★★

Alaina Alexandra De Freitas ★

Michele Dell'Aquila

Thomas Joseph Dlugosz ★★

Sara Nazih Fatayerji

Nora Findakly

Cristianna Lima Giallo ★★

Vethussha Gowripal

Anoosh Hajira ★★

Geeta Sylvia Harnarain

Cristina Henriques ★

Mithila Mahzabin Huq

Brienne Violet Hynes ★★

Reeta Ibrahim ★

Andrew Jaciuk ★

Zainulabedeem Muhamad

Jafray ★★

Ilsa Javaid ★

Lujain Hussam Kadhom

Fatima Aman Khan Lookmanji ★

Ammar Mahrat ★

Tianna Christine Mamo ★★

Nicolas James Mancini

Julia Antonella Micallef ★

Azuredee Dianro Angel Mills ★

Zhong Heng Mo

Anthony Moffat

Carissa Destinee Moore

Emily Elizabeth Morgan

Bahar Naveed ★

Abdulazim Adebayo Olatinwo

Khatera Pakzad

Harmeet Kaur Parmar

Sydney Beverly Rack ★

Ateeb Muhammad Rahman ★

Haemani Gita Rampersaud

Shelby Anne Ravary

Taylor Alyssa Victoria Ruzgys

Vidushan Sabanathan ★★

Rosemary Saleeb

Fahad Saleem

Isabel Sampedro-Cortez ★

Nizy Samuel ★

Kevin Manny Schlender

Martin Alonso Segovia

Lexy Mara Staresinic

Yasin Haad Syed

Haajarah Tabassum

Freetha Mary Thuraiappah

Joseph Nico Toledo

Nancy Tram

Sivamekalai Vejeathaas

Earl Watiwat

Amanda Kamille Wiseman

Neileigh Wood ★

Oshini Vihara Yakandawela

Aaleen Zhera ★★

Muhammad Ammar Zia

**BACHELOR OF SCIENCE
(HONOURS), BIOLOGICAL
SCIENCE, CO-OPERATIVE
EDUCATION**

Mustafa Khaksar

**BACHELOR OF SCIENCE
AND MANAGEMENT
(HONOURS), BIOLOGICAL
SCIENCE**

Malavan Balachandran

Masla Tahir

**BACHELOR OF SCIENCE
(HONOURS), CHEMISTRY**

Rashad Adem

Ahmad Amin Alhendi

David Ming Hui Goh

Vineththa Jeyanesan

Fanqi Kong ★

Emily Grace Laird ★★

Huiwan Liu

Yueshudeng Luo

Chyna Mercer

Katherine Thanh Tam Nguyen

Samuel Griffin Payne

Joshua Pereira

Brian Persaud

Connor Gordon Pettigrew

**BACHELOR OF SCIENCE
(HONOURS), COMPUTER
SCIENCE**

Jimkaran Ali Abbas

Mustafa Dean Al-Azzawe

Vethuson Amit

Steve William Bakos ★★

Mayur Vinod Bhai

Kareem Bertrahm Bute

Yiqing Cao ★

Cheyenne Carol Carrier

Eric Alexander CB-Lamontagne

Kevin Chandra ★

Jeremy Joseph Chong

Sheldon Alexander Choo ★
Manmeet Singh Choudhary
Ryan Michael Christopher ★
Andrew Mark Dale
Jonathan Matthew
Thomas Drake ★
Ethan Keith Israel Duggan
Jake Jonathon Eickmeier
Frede Tesfay B. Emnetu ★
Joseph Makram Fanous
Julian Thomas Finley
Andre Clifford Lloyd Forbes
Jeremy David Friesen ★
Nandor Laszlo Gallo
Ryan Gharzeddine
James Alexander Gillies
Kenta Hattori
Gabriel Ferdinando Hoehner ★
John Peter Hruđa
Anthony Huang
Qasim Iqbal ★
Yaksh Nileshkumar Joshi
Nakil Jung
Arshad Reza Khan
Anthony Joseph Kouroupis ★
Saran Sriskandarajah Krishnapillai
James Daniel LeBlanc
Lola Marinkovic
Alexander Minz
Kim Russell Montemayor
Andrew Michael Murdoch
Gagandeep Singh Pabla
Kushal Parmar
Setu Patel
Jacky Phung ★★
Sinthujan Ramanathan
Talha Al Rashid
Colin Logan Anthony Rebelo ★
Owen Desmond Reid
Paul Anthony Reyes
Connor Harrison Robertson
Atharva Vivek Shinde
Lucas Anthony Simone

Sajantth Sripirakasan
Alec Tozak
Hayden Tristan Layne Tutty
Michael van Dalen
Mario Velazquez ★★
Justin Daniel Volckmar
Matthew Peter Vrbán
Jefferson Jiafu Xie ★
Liangyu Zhao
Ting Xuan Zheng
Ming Jian Zhou ★★

BACHELOR OF SCIENCE (HONOURS), COMPUTER SCIENCE, CO-OPERATIVE EDUCATION

Hanan Amer
Ariel Bobadilla ★★
Tyler Daniel Broda
Albert Galuego ★★
Terry Darmawan Hosea ★★
Kashif Javed Hussain ★★
Aabid Azeem Mitha ★★
Mohammad Mushfequr
Rahman ★★
Jevon David Rambarran ★★
Abhiram Sinnarajah
Tran Tien Anh Ta ★★
Naida Cicelly Tania ★★
Faculty Medal
Hassan Tariq
Joshua Verhoeff
Michael Andrew Waldron
Matthew Kenneth Weeks
Shawn Aurian Yama

BACHELOR OF SCIENCE (HONOURS), FORENSIC SCIENCE

Hannah Marie Bastien
Ashley Sierra Brito
Jia Ying Chau ★
Hannah Crowder
Nathan Cunningham

Brehanna Leah Gassmann
Nirujan Gnanendran
Julia Olivia Leigh Harvey
Mikayla Higho
Lilah Hosein
Arani Maheswaran
Melissa Christine
Marois-St. Aubyn
Shakada Alissa Marshall ★
Rachel Amanda Melnichuk
Taliya Menegotto
Farizeh Minawi
Rishaun Kim Newell
Ameerah Abdullah Ngai
Nathaniel Christopher
Peacock-Bowen
Durgaa Ragavan
Kgalalelo Rampete ★★
Adrian Maxwell Santangelo
Mikyung Song
Tharnia Thavalis
Brayden William Vale ★
Alyssa A. Venditti
Islah Jade Williams
Olivia Jane Wilson
Stephanie Dawn Wilson ★★
Emma Jane Zomer

BACHELOR OF SCIENCE (HONOURS), PHYSICS

Julian Ossian Bandhan
Sourav Das
Scott William Hill
Georges Karagozian ★
Shivam Kochhar
Darryen Myles Sands

ALL YOUR HARD
WORK HAS
GIVEN YOU THE
KNOWLEDGE
AND SKILLS YOU
NEED TO PUSH
BOUNDARIES
OF SCIENTIFIC
KNOWLEDGE
AND EXCELLENCE

CONGRATS AND
BEST WISHES
FOR CONTINUED
SUCCESS.





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.

FACULTY OF BUSINESS AND INFORMATION TECHNOLOGY

Brennan James King Mason

FACULTY OF EDUCATION

Laura Ann Gallella

FACULTY OF ENERGY SYSTEMS AND NUCLEAR SCIENCE

Matthew Andrew Oinonen

FACULTY OF ENGINEERING AND APPLIED SCIENCE

Nathan Jeffrey Reedyk

FACULTY OF HEALTH SCIENCES

Haaris Rana

FACULTY OF SCIENCE

Naida Cicelly Tania

FACULTY OF SOCIAL SCIENCE AND HUMANITIES

Joely Kayla Brown

DISTINCTIONS

With Highest Distinction: Undergraduate students who have achieved a cumulative grade point average (GPA) of 3.8 or higher for the courses required for their degree.

With Distinction: Undergraduate students who have achieved a cumulative GPA of 3.5 to 3.79 for the courses required for their degree.

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.

2022 OUTSTANDING MASTER'S THESIS AWARD RECIPIENT

Jennifer Robb

Thesis Title: ChangeMakers: Exploring Social Consciousness through Making and the Internet of Things

Master of Arts in Education

2022 OUTSTANDING DOCTORAL THESIS AWARD RECIPIENT

Holly Fruehwald

Thesis Title: Functionalized Carbon Surfaces for Clean Electrochemical Energy Systems

Doctor of Philosophy in Materials Science

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 of Canada continues the tradition of encouraging scholarship across the nation and recognizing outstanding students.

Gold Medal

The Gold Medal is awarded annually to the student graduating from a graduate-level program who has achieved the highest cumulative grade point average (GPA) in the courses required for the degree, as approved by the Admissions and Scholarship Committee.

2022 GOVERNOR GENERAL'S GOLD MEDAL RECIPIENT

Jennifer Robb

Master of Arts, Education

Silver Medal

The Silver Medal is awarded annually to the student graduating from an undergraduate program who has achieved the highest cumulative grade point average (GPA) in the courses required for the degree as approved by the Admissions and Scholarship Committee.

2022 GOVERNOR GENERAL'S SILVER MEDAL RECIPIENT

Matthew Andrew Oinonen

Bachelor of Engineering (Honours),
Electrical Engineering

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.

TEACHING EXCELLENCE AWARD

Diana Petrarca, PhD, Faculty of Education

EARLY CAREER TEACHING AWARD

Jane Breen, PhD, Faculty of Science

LEARNING RE-IMAGINED AWARD

Alvaro Quevedo, PhD

Faculty of Business and Information Technology

OPENNESS IN EDUCATION AWARD

Elita Partosoedarso, PhD, Faculty of Health Sciences

TEACHING ASSISTANT EXCELLENCE AWARD

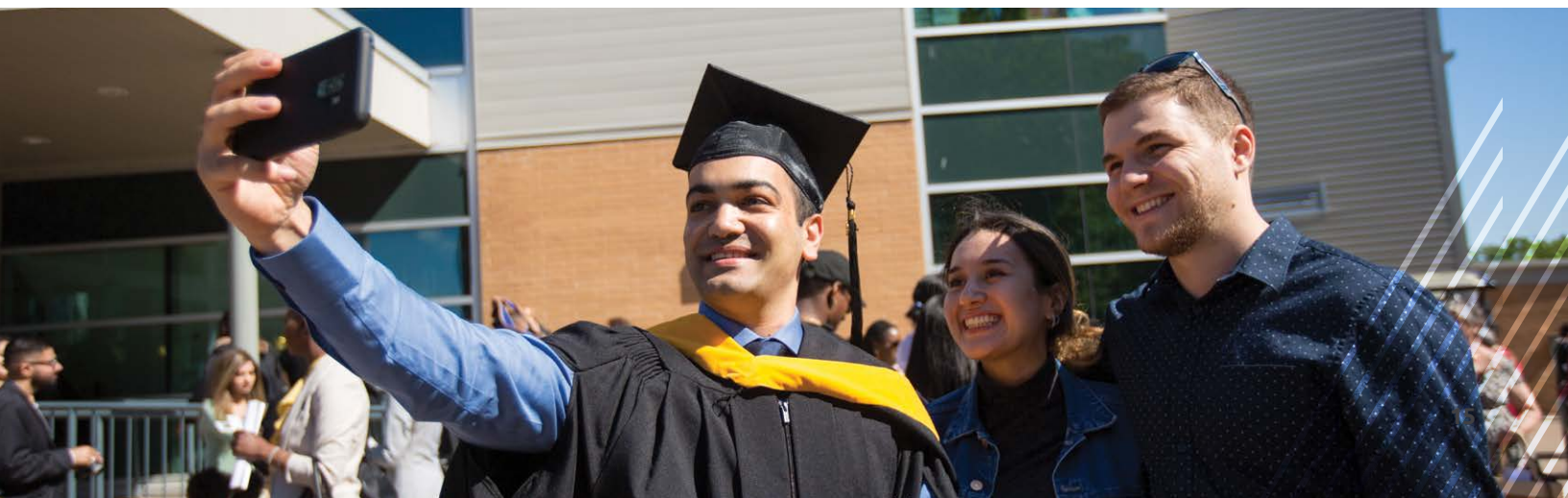
Shanelle Racine, Faculty of Health Sciences

TIM MCTIERNAN STUDENT MENTORSHIP AWARD

Janette Hughes, PhD, Faculty of Education

STUDENT CHOICE AWARD

Syed Qadri, MD, PhD, Faculty of Health Sciences



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. We provide learner-centred educational options by offering a range of credentials, experiential learning opportunities and sparking entrepreneurship activities.

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. 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 Ducemus*, 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



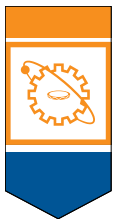
Faculty of Business and Information Technology



Faculty of Education



Faculty of Energy Systems and Nuclear Science



Faculty of Engineering and Applied Science



Faculty of Health Sciences

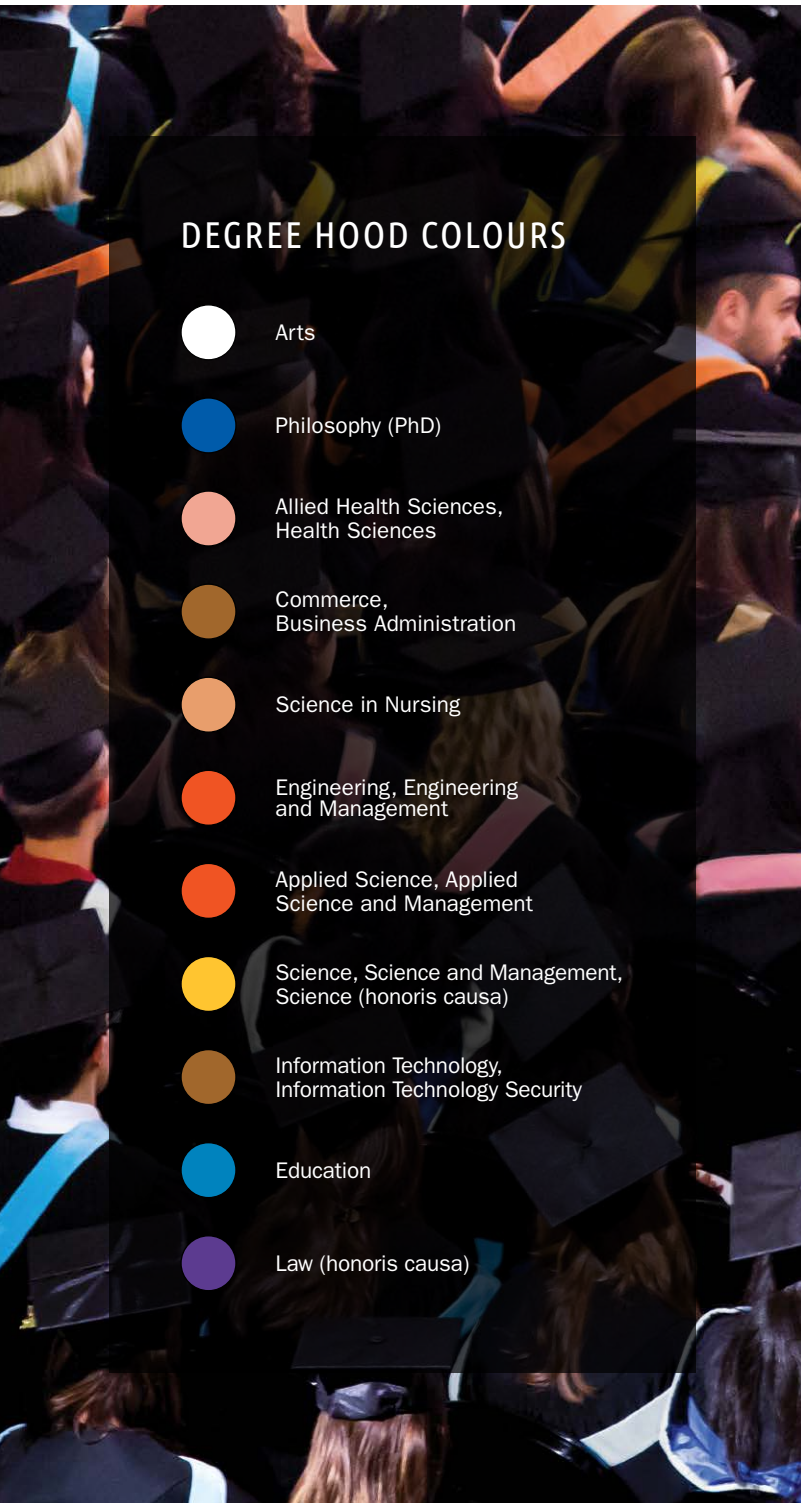


Faculty of Science



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 2022! 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! Having endured unprecedented circumstances to complete your education, we cannot wait to see how you shape the future and become leaders of tomorrow!

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.



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.

Alumni are the university's greatest ambassadors. You join our network of more than 25,000 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. We are extremely proud of you and cannot wait to hear about everything you accomplish on your journey.

Congratulations, you did it!



Muhammad Mahad

Faculty of Engineering and Applied Science, 2016

Faculty of Energy Systems and Nuclear Science, Class of 2020

Chair,
Alumni Association Council



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

Students included in the program graduated during the 2021-2022 academic year. Approved as of May 13, 2022

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