# ONTARIO TECH UNIVERSITY

CLASS OF 2021 CONVOCATION



FACULTY OF HEALTH SCIENCES



# 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.



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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 Liqun 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.

**Goldson** 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.



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!



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. 55

### 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 parchment and to the degree parchment and to 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

#### MR. PAUL RALPH Doctor of Laws, *honoris causa*



For his commitment to the people of Oshawa and his work as a city builder, and for his unstinting advocacy on behalf of this university and its students, the university confers proudly upon Mr. Paul Ralph the honorary degree of Doctor of Laws, honoris causa.

For more than three decades, Mr. Ralph has shepherded the growth of the City of Oshawa, in his role as a planner, senior official and, for the past few years, as Chief Administrative Officer. He is known for helping the city to expand beyond its traditional role as a centre of automotive manufacturing into a regional centre of research, learning and health services.

Mr. Ralph grew up in Sault Ste. Marie, Ontario, and moved on to the University of Waterloo after high school. Waterloo bears a dual importance for him: first, it was where he earned his degree in Urban and Regional Planning, and second, it was where he met his wife Cindy. After Waterloo, he became a registered Professional Planner and a member of the Ontario Professional Planners Institute and the Canadian Institute of Planners.

In 1986, Mr. Ralph began his tenure at the City of Oshawa, first as a Planner, then Manager for Development and Urban Design, followed by Director of Planning Services, and finally as Commissioner of Development Services. He was appointed Chief Administrative Officer—the city's most senior unelected official—in 2019.

A chief administrative officer's job involves being adept at managing staff, legislative processes and budgets, but to do it well—to become a true city builder—requires a special kind of passion and skill. Mr. Ralph possesses those qualities. He's been described as someone "devoted to the city", and has been lauded for "steering the rebirth of Oshawa". His peers view him as "a lateral thinker", "an accommodating manager" and someone who treats Oshawa-based organizations as partners rather than simply as stakeholders. For instance, his supportive assistance and engagement has helped Ontario Tech University develop its campus, and expand the classrooms, labs and research spaces that benefit what he calls "your brilliant students".

*Mr.* Ralph epitomizes the best aspects of our Oshawa community: pride in the city and its past, hard work to make an even better place to love, and a zealous drive to transform Oshawa into a centre of innovative research, manufacturing and health services. *77* 

While Mr. Ralph is a planner and administrator by trade, health sciences dominate his home life: Cindy was the longtime head of Lakeridge Health's Critical Care Unit; his eldest daughter studied Kinesiology before she became a nurse; and his youngest daughter received her master's degree in Occupational Therapy.

Mr. Ralph epitomizes the best aspects of our Oshawa community: pride in the city and its past, hard work to make it an even better place to live, and a zealous drive to transform Oshawa into a centre of innovative research, manufacturing and health services.

### DEGREE CONFERRALS FACULTY OF HEALTH SCIENCES

Friday, June 25, 2021

Master of Health Sciences Graduate Diploma Bachelor of Allied Health Sciences (Honours) Bachelor of Health Sciences (Honours) Bachelor of Science in Nursing (Honours)

#### DOCTOR OF LAWS, HONORIS CAUSA

Mr. Paul Ralph

#### MASTER OF HEALTH SCIENCES

Marina Ali Brenda Karin Barth Mikaeli Elizabeth Cavell Hannah Mary Froome Kymberly Kvasnak Larissa Tiffany Lobo Lucio Goncalves Lustosa Maryam Masood Beheshta Momand Anastasiia Prysyazhnyuk I Chia Shirley Quach Tayler Michelle Runge Praveen Sanmugananthan Michael Short Kristina Maria Sobolewski Guang Sun Delana Theiventhiran Declan Weir

#### GRADUATE DIPLOMA, WORK DISABILITY PREVENTION

Elise Jacqueline Poirier

#### BACHELOR OF ALLIED HEALTH SCIENCES (HONOURS)

Alwiya Abdalla Al-kaf Jeffrey Michael Brown ★★

Matteo Rocco Lawrence Caprio Sarah Jeannine Dunsby Shuneela Gill ★ Abby Grenier Mannet Luxmi Korpal Grace Ling Yee Liu \*\* Melissa Maka 🖈 Sevedeh Sara Masiuk 🖈 Stephen Robert May Alyssa McLaughlin Kyla Reid Mitchell ★ Batoul Nahle ★ Corradina Pelligra Stephanie Joy Pocriser \*\* Amy Jennifer Ross Oleksandra Sazonova 🖈 Madeline Sumpter ★ Vinothan Suntharalingam 🖈 Alanna Christine Veitch \*\* Sharyn Yeatman \*\*

#### BACHELOR OF HEALTH SCIENCES (HONOURS)

Jabez Abraham Noor Anwar Alawami Sharka Muhammad Ali Timothy Earl Allen Fatima Arif Elizabeth Violet Arnold Mohsin Baig Inthu Balaintharanathan Leila Lisette Cardona-Trivino Paola Anna Ciardullo Jacob Patrick Cummings Abigail Queeny Ungay Dispo Hakeem Elshamiy Alexia Rose Fabbro Marc Walna Fevry Kassandra Andrea Gavilanez Ryley Raymond Jordan Gemmill Choice Baridilo Gideon Nisany Gnanamoorthy Victoria Amanda Gordon Kyron Harney-Bain Ilakiya Kanagasundaram 🖈 Hafza Khalid Maria Khushik Rebecca Lauren Kingsley Shagana Shana Krishna Kelvin Wai Choi La ★ Kierstin Ann Lapointe 🖈 Paula Patricia Perez Lorenzo Eleni Nicole Mikos Emilia Kathryn Filipina Miller \*\* Hunter Taylor Mott \*\* Brianna Nicolas Areej Obaid \*\* Sunny Chenedu Okocha Nicole Stephanie Olaru Adebimpe Victoria Olatunde Quinlan Lillian Marie Palmer Prachi Patel Seneca Adassa Peart Daniel Frrol Persaud 🔺 Sarah Catherine Pistritto **Breanna Proulx** Nadia Ramdass Kaitlin Ramkumar Olivia Gabriela Rocha Niroshini Sakthivel

Jathursan Sannithinathan Olayinka Sanusi \*\* Seyane Sasikaran Thiviya Satheeskumar Alisa Seccareccia 🖈 Anushika Shanmuganathan Anmol Kaur Sidhu Samyah Siraj Mayuri Sivanesan Gaajen Sivarasacumar Mariana Sojo Rodriguez 🖈 Mohammad Khizar Syed \*\* Nathan Edwin Taylor Alexander Ivo Tchoukanov Celine Marie Tessier 🖈 Arani Thirunavukarasu 🖈 Ereeb Syeda Tirmizi Patricia Anne Valentin 🖈 Srikobe Vijayakulasingham Mariyam Waggas \*\* Nicole Angel Cydni Ward 🖈 Lauren Wright Sarah Katarina Zelko 🖈

#### BACHELOR OF HEALTH SCIENCES (HONOURS), KINESIOLOGY

Esther Yawa Adinkrah Kyle Cyril Brent Agar Mehroz Ali Blaire Amanda Allison 🖈 Wajeeha Ansari Brandon Fortune-Joe Apostol Brendan Robert Beresford Arlana Flizabeth Bickell Kylie Chantal Bordeleau Danny Houston Callaghan \*\* Andre-Joshua Castro ★ Alexandria Josephine Cathcart Victoria Alexandria Alida Chia \*\* Bianca Angelina Cirone \*\* Kendra Gardner Avery Coulson \*\*

Ben Csiernik \*\*

Joshua Andrew Del Genio Kevin Rajin Deoraj Nadia Arlette Dewasha Patrick Jerzy Duffy Tyler Emo Wagma Fikrat ★ Lauren Elizabeth Frantzen Melody Margaret May Geissberger 🖈 Skyler Saba Salesio Geraci Daniel Luke Glyn-Williams Rachel Louisa Goldsworthy 🖈 Collin Grudzien 🖈 Stephanie Guay Febronia Gundi 🖈 Milcah Ruhamah Hiemstra Jared Hurzook Nicole Irwin ★ Deanna May Jackson Adem Anil Jetha **Ryan Garry Jones** Emma Kendall \*\* Robert William Kucera Venujan Kulendrarajah Danika Kuznik Luke Peter Latino Samantha Latta 🖈 Hayden Leeper \*\* Sydney Victoria Hubbel Leguard \*\* Abigail Marie Leslie Aodhan Levi Jiahua Li Sebastian Quinn Lilja Norkael Lim Dy Diana Lopez Hernandez Larissa Maggie Lyall Janae Macdonald Ruchika Magapu Steven Mahaise Kristina Doris Rose Malovic Rochelle McCoy \*\* Mikayla McNaughton **Emmeline Ophelia** Meens Miller \*\*

Jordan Cameron Melo Mir Safiullah Mir Hayatullah Tyler Rose Muirhead \*\* Scott James Muller Mairead Munro 🔺 Katrin Navaratne Rabiva Navvar 🖈 Robert Peterson Panganiban Anna Noreen Parks Sierra Megan Aileen Patton Fernando Pham Hugo Albert Principe Andrew Ramanand Matthew Ramlogan Shanna Renaud \*\* Michaela Emily Ridge Lauren Kimberley Robinson Alessandro Romeo Braedan John Roth Lauren Kimberly Santiago \*\* Javden Isaiah Searles Brianna Sergeant \*\* Jacob Shehata ★ Anjalee Singh Angela Kathleen Stamou Adam David Stone Riley Teal ★ Olivia Michelle Tierney Jordan Dillon Torres Felipe Valencia Stephanie Vurro Mitchell Douglas Waldron Sarah Katherine Wildish \*\* Brittney Alexis Yiu Aric Zajac \*\* Sophia Trinity Zois

#### BACHELOR OF HEALTH SCIENCES (HONOURS), MEDICAL LABORATORY SCIENCE

Muhaiminul Islam Ibnul Abrar Lauren Jayne Bell 🖈 Avril Anne Bidtnes Courtney Bilodeau Larocque Emily Chan \*\* Jeffrey Chen \*\* Faculty Medal Jenny Chhor ★ Vivian Co Rachel Grace Cox Ginelle Faine Cruz Ashlee Anne Dargie Mikhail Davydov Marley Simone Drummond Graham Eric Alexander Evans 🖈 Christopher William Green \*\* Joel Hollinger \*\* Michaela Laurenne Janes Izza Javed Gveol Jun ★ Elizaveta Aleksandrovna Kovalenko Hillary Sarpong Manu 🖈 Julia Patricia Mazul 🖈 Courtney Rose Mcgee 🖈 Julia Elizabeth Caruso Menegotti Julie Kim Nguyen 🖈 Amy Rosalynne Osorno \*\* Patrick Pillainayagam \*\* Shamila Rahimy Zarmeen Arif Siddigui 🖈 Vanessa Elizabeth Weigand \*\* Heidi Wing-Shan Wong \*\* Di Wu

#### BACHELOR OF SCIENCE IN NURSING (HONOURS)

Joanne Agustin Abawan-Centeno ★ Munirah Abdul Rahim Chloe Cerisse Ablaza-Bokuluta ★ Rebekah Josephine Abraham Naghmeh Aleosfoor ★ Miriam Haley Ali ★ Gul-Awez Amjad ★ Carly Elizabeth Annable ★ Krista Asenso ★

Bahar Elizabeth Ashtarieh 🖈 Rosanna Evangelio Asinjo Ablet Tursun Ataman ★ Crystal-Dawn Auguste Ryan Augustin 🖈 Sofia Ahmed Bafagih Kadidiata Bah Maram Bakbak 🖈 Emily Marissa Bell Kaitlyn Bennett 🖈 Stacey Best Jessica Danielle Bishop Stephanie Bowa Sarah Louise Brady Sypill Minayo Brama Rhonda Brough Nordia Brown-Boothe Ida Bucumi ★ Alexis Bungay **Chantal Elizabeth** Bvrnes Leadbeater 🖈 Maurene Camil L. Cabrera Yi Cao ★ Mary Kathrine Casangyao Stefanie Zoe Castelli ★ Tyler Cattafi ★ Madisen Ivy Chaisson Biling Chen ★ Him Ping Anita Cheung \*\* Candeece Crooks \*\* Clare Jennifer Cruz Anabela da Silva \*\* Nisha Dahal Bhattarai Moushumi Das Gupta Tammy Marie Devoe Stephanie Barbara Donis 🖈 Anjelle Marie Jaclyn Dubeau 🖈 Melinda Dupont 🖈 Samantha Anne Duval \*\* Melissa Brooke Errington Suborna Farmeen Tanya Flores Chavez Giya Fu Kathleen Ann Gahunia ★

John Gaza Sujeewa Harshani Gedara Kumbure Gedar Brenna Kathleen Goldie Elena Goloviznina Hafsat Gontor Jessica Gonzales Kateland Michelle Gray Leoni Marie Hagan ★ Jessica Ann Marie Halliday Catherine Elizabeth Hampson ★ Salam Hanna Sarah Ann Healy \*\* Elaine Elise Helwig Breena Hennick ★ Seungmo Hong 🖈 Jessica Karen Hu 🖈 Victoria Daphne Hudson Alicia Lorraine Hurren Viorica Ionescu 🖈 Shaneh-Abbas Jaffer Zuheir Jaffer Mija Jang ★ Minjee Jang ★ Ashvini Jeyasangar Jincy Philo Jose Joanna MarieJose 🖈 Matthias Peter Joseph Delina Rose Joy \*\* Kylie Jacqueline Kellington Shannon Kemp \*\* Samantha Dana Jordan Kennedy Naomi Solomon Kidane Hai-Bin Kim Soo Hyun Kim ★ Catherine Anne Kissel Nivedha Krishnakumar \*\* Magdalena Kruczek Shelly Marie Kuris 🖈 Vena Renee Devi Kurup Kristen Jennifer Laas David Lai Michael David Lapierre Samantha Lee Lapointe-Halstead

Riley Danielle Larmour Karlie Ann Laverty Adrian Lazo 🖈 Laura Lee-Anne LeBoeuf Ho Yan Phoebe Leung Pema Lhamo Lili Lin John Patrick Lopez Samantha Taylor Low Cassidy Lynch-Paterson 🖈 Kassi Alana Maarse \*\* Monina Anne Macalino Alexandra Holly MacBain Alisha MacInnis Melanie Margaret Manning Maria Elaine Tungala Maquerme ★ Yolanda Solange Marshall \*\* Kelly Elizabeth Mason \*\* Faculty Medal Divinah Moraa Mbwayo Katelin McKelvev Jennifer McNabney Katherine Maria Lyn Mezenberg Samantha Liliane Michaud 🖈 Matthew Miller 🖈 Christine Ashley Mizzi \*\* Sadivah Mohabir **Thomas Samuel Monk** Blair Daniel Montgomery Melissa Zhan Yi Moskowitz **Deborah Mufuele** Kaela Jessica Murphy Theresa Nabus 🖈 Alyssa Jessica Navarro Laxmi Prasad Neupane Jennifer Ngo \*\* Daniel Ba Nguyen 🖈 Natascha Lynn Nicholl 🖈 Anna Ginette Noonan 📩 Carrie Normand Taylor Danielle Norville 🖈 Cross Michael Novia Osato Vera Odiase Kyle Oliver \*\*

Oreoluwa Oluwaseun Olulana **Rita Osabuohien** Omo-Igbinomwanhia **Osaosere** Leanne Omonoyan \*\* Anna Lia Ondrich \*\* Vivian Chu Yin Ooi Lorene Frances Otterman 🖈 Candace Paisley 🖈 Raul Gonzaga Paredes 🖈 Youkyung Park 🖈 Mathusha Patgunalingam Matthew Paul Valerie Joanne Pember Alysha Nicole Persaud 🖈 **Christine Bindy Persaud** Melissa Jane Phillips 🖈 Rachel Elizabeth Radvk 🖈 Mary Nicole Ramos Fatuma Omari Rashidi 🖈 Carly Allison Reed Emily Sarah Richardson Cristin Roberts 🖈 Hannah Tricia Rola Justine Russell \*\* Christopher Michael Sadler Rachel Flia Said Sanaz Saleh ★ Sharanya Satkunanathan Kevin Robert Fraser Scates Jennifer Sedore 🖈 Julietta Minerva Seepersaud \*\* Lauren Taylor Sharp Meeyoung Shin \*\* Asim Omer Sholapure Inderjit Kaur Singh Kuhashini Sivanesarajah \*\* Jamara Brittney Smith 🖈 Justin Alexander Smith Diana Sokova Sharon Sominski Jessica Cheryl Nicole Southern \*\* Izabella Dominika Stochmal

Shandie-Lyn Stockill Najma Suleiman Ahmad Ramin Sultani Latonia Amanda Swaby Marie Tadros ★ Carla Tapo Brittney Tegan Tchilinguirian \*\* Lisa Tham \*\* Logika Thayaparan Michael Johndel Tibayan Jamie Candice Tompkins \*\* Thuy Vi Tran ★ Rae Elizabeth Tsukamoto John Julian Tulalian ★ 🖈 **Dojey Gay Tupas** Stephanie-Ann Elizabeth Turner Janine Linda Sonia Vanular Lindsey Erin Warne Ashley Caroline Wicks Dana Patricia Wiles Riviera Williamson-Guido 🖈 Jade Wong \*\* Shawn Wood Noemi Woodcock Haiping Eric Yang \*\* Keshawn Jordan Young



# 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 Ducemus, means by thinking and doing, we shall lead.









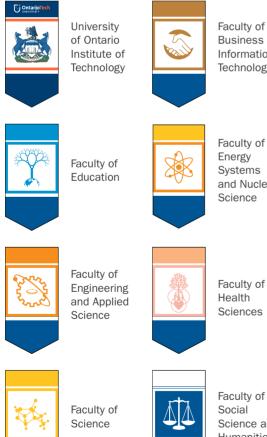
# THE UNIVERSITY MACE

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.



Business and Information Technology



Faculty of Energy Systems and Nuclear Science

Faculty of Health Sciences



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!

# $\begin{array}{c} & & & \\ & &$

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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