



ONE HUNDRED AND THIRTIETH CONVOCATION

# CONVOCATION

**TUESDAY  
JUNE  
10  
2025**

**FACULTY OF HEALTH**  
Convocation Ceremony

# CONVOCATION

*On this day, as the University of Waterloo awards degrees and celebrates the achievements of a new generation of graduates, the members of the University and its guests share in a 900-year-old ritual called convocation.*

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TUESDAY, JUNE 10, 2025

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## TERRITORIAL ACKNOWLEDGEMENT

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg, and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is co-ordinated within the Office of Indigenous Relations.

# Message from the chancellor

*Welcome graduates, families, friends and supporters to convocation.*

This will be my second convocation cycle as chancellor and my first presiding over the spring term ceremonies, though my connection to Waterloo dates back more than 30 years. I received my three degrees from this institution, and I've continued my strong connection to the University since then.

Waterloo helped shape me, as I'm sure it has shaped the accomplished graduates who will receive their degrees today. Discovery, innovation, entrepreneurship, the freedom and inspiration to think big, audacious thoughts – these are in the ethos of the University of Waterloo. Since stepping into my role as chancellor last fall, I have been delighted to connect with students, alumni and our Waterloo community across our campuses and around the world. No matter where in the world I am, I see our community members embodying Waterloo's spirit and values.

Convocation marks a culmination of so much hard work and dedication. Each graduate has navigated the highs and lows of their educational journey to make it to this milestone. Members of the Class of 2025, especially, have overcome many unexpected hurdles during their time at Waterloo. The ability to maintain focus and support each other will serve these graduates well into the future.

I speak from experience when I say that Waterloo graduates are unique in the way they approach challenges, collaborate and stay motivated to make the world a better place. They have the skills and the network to effectively address whatever lies ahead.

During convocation, we celebrate the achievements of our graduates and their shift to our alumni community. Since Waterloo's founding in 1957, we have conferred more than 255,000 degrees and certificates. The Waterloo alumni network extends to more than 150 countries and offers our graduates a community regardless of where their futures take them.

As alumni, we are all Waterloo ambassadors for life. We are also leaders. Waterloo graduates have a responsibility to make the world a better place, whether finding solutions to humanity's most significant challenges or fostering kindness, beauty and well-being for those most in need. The knowledge and creativity of Waterloo alumni continues to have a lasting impact on our community and beyond.

Congratulations to all our graduates and their families, friends, mentors, faculty and staff who helped make this tremendous accomplishment a reality.

*Thank you for continuing the Waterloo tradition of excellence.*



**JAGDEEP SINGH BACHHER**  
BASC '93, MASC '94, PhD '00  
Chancellor

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**“I SPEAK FROM EXPERIENCE WHEN I SAY THAT WATERLOO GRADUATES ARE  
UNIQUE IN THE WAY THEY APPROACH CHALLENGES, COLLABORATE AND STAY  
MOTIVATED TO MAKE THE WORLD A BETTER PLACE.”**

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# Message from the president and vice-chancellor

*It is my privilege to welcome our graduates along with their families, friends and supporters to the University of Waterloo's Spring 2025 Convocation.*

The road to earning a degree is challenging. It takes hard work, courage and dedication. And in this year's graduating class, I have also witnessed their curiosity about the world, their drive to shape a better future and their resilience through challenging times. As the Class of 2025 crosses the stage, we celebrate their accomplishments and journeys to get to this milestone. The degrees they've earned are a culmination of lessons, relationships and experiences.

A Waterloo degree is also unique. Whether students choose co-op, undertake an entrepreneurial venture or explore courses or opportunities outside their disciplines, Waterloo provides an environment for them to embrace their passions and be unconventionally bold.

At Waterloo, we are proud to be a community of curious, collaborative, innovative and entrepreneurial problem-solvers and leaders who seek to build a better future for humanity and our planet. We think differently, act with purpose and work together. Our students don't just inherit this ethos – they continue to help shape it throughout their time at Waterloo and beyond.

As this year's graduates leave our campuses, they continue to be an important part of our Waterloo community. They are joining more than 255,000 alumni around the globe – helping our institution stay connected to the world around us.

Graduates: now is your opportunity to bring your unconventional thinking and innovations to the world. Global challenges are intersecting in complex ways. Bold and curious innovators are needed to build and identify equitable and sustainable solutions. You are among the future leaders and change-makers who will help tackle these challenges and help shape a better future.

Wherever your path leads, I hope you will continue to stay connected to our institution and the University of Waterloo community.

*I wish you all the best on the next stage of your journey.*



*Vivek Goel*

**VIVEK GOEL**

CM, OOnt

President and Vice-Chancellor

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**“GRADUATES: NOW IS YOUR OPPORTUNITY TO BRING YOUR  
UNCONVENTIONAL THINKING AND INNOVATIONS TO THE WORLD.”**

# Message from the alumni council chair

## *Congratulations Class of 2025!*

On behalf of the University of Waterloo's Alumni Council and your alumni community, congratulations to each one of you on this remarkable achievement. It gives me great pleasure to celebrate your graduation and welcome you to a global network of more than 255,000 alumni. I hope you are as proud of yourselves as we are of you.

We cannot wait to see you back on campus and hear about your professional and personal accomplishments. Remember that life is a journey, not a destination. Your journey has only just begun and as you continue this adventure, your global alumni network is here for you through our alumni chapters and global ambassadors.

As new alumni, your feedback is invaluable, and I encourage you to share your insights, stories and updates with Alumni Relations. They have valuable resources that can help you to develop your career, connect with other alumni and stay in touch with the University of Waterloo.

*Congratulations once again on all your accomplishments and I wish you the best as you join our Waterloo alumni community. Best wishes for much success!*



*Lee Anne Doyle*

**LEE ANNE DOYLE**

BES '81

Chair, University of Waterloo Alumni Council

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**“THERE ARE MORE THAN 255,000 OF US AND WE ARE HERE  
TO SUPPORT YOU AS YOU WORK TOWARDS YOUR GOALS.”**

# Our tradition of convocation

*The ritual of convocation is a tradition that honours the roots of the university, and is, at the same time, a beginning for students who now enter a new stage in their lives.*

*We welcome guests on this celebratory occasion and thank you for being present to share in it.*

Both the symbols and the ceremony of convocation look back far beyond the beginning of the University of Waterloo, back to the centuries of university life in Western civilization which Waterloo joined six decades ago. The founders of this University were eager from the beginning to make it part of that long tradition, although they proudly asserted that they were building a new and innovative university, with close ties to industry and an emphasis on practical knowledge for building the future.

On this day, as ancient customs mix with the use of up-to-date technology and exuberance of a new generation, convocation connects a forward-looking university with the traditions that universities have observed as long as they have existed.

The University of Waterloo grew out of an older institution, Waterloo College. A still older one, the University of St. Jerome's College, soon became federated with it, and the College of Optometry of Ontario joined the family in 1967. Although all these institutions were newcomers compared with Oxford and Harvard and the Jagiellonian, the connection to the traditional role and style of a university remains clear.

Tradition underlies the proceedings of today's convocation, the continuity of this University with centuries of academic experience. Passion brings the proceedings to life, along with the enthusiasm with which the University recognizes new achievements and new ideas.



1960s  
CONVOCATION  
AT WATERLOO

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## A CALLING TOGETHER

Students graduate at the end of a program of study, leading to a degree with a traditional name: Bachelor, Master, or Doctor. On this day, their families and friends celebrate their success and their transition from one status in life to another. Convocation has been, for the past nine hundred years, a meeting of the whole university community at which symbols are displayed, participants wear special attire to emphasize their official roles, and speakers share their wisdom and the values that the university seeks to teach. Convocation (the name comes from Latin, which was once the primary language of higher education) is a calling together of new graduates to receive the symbols of their accomplishments, and a calling together of the older members of the university to witness and join in the celebration.

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## CONNECTING WITH TRADITION

At Waterloo's first convocation in June 1960, the guest speaker was James J. Talman of the University of Western Ontario (now Western University), who told the audience a little about the history of Waterloo County and its industry. "The greatest resource we still have is the minds of the people," Talman said. "And this resource still remains to be developed to its full potential. The people of the Grand Valley clearly appreciate this fact. As we see the success with which they developed the physical resources in the past we can only conclude that they will be just as successful in developing the intellectual resources of the future. The University of Waterloo can look forward to a brilliant and successful future."

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## THE PROCESSION

The most impressive part of the ceremony may be the procession that begins it. The graduating students will come in first, and as they fill up the main body of the hall, they will give the impression that today's ceremony really is, as convocation used to be, a ceremonial meeting of the whole University community.

After the graduating students have come in, the academic procession will begin. First to enter is the ceremonial Eagle Staff, a symbolic representation of the continuous presence of Indigenous Peoples of these lands, carried in by an Eagle Staff carrier. Next, a selected faculty member will carry the mace, a traditional symbol of the University's authority. Then faculty members enter, walking two by two, dressed in their academic finery.

The final party to arrive is the chancellor's party. The chancellor is the ceremonial head of the University of Waterloo. The chancellor presides over convocation ceremonies every June and October and awards all degrees, diplomas and certificates, including honorary degrees. The chancellor offers an inspirational message for the graduands at these ceremonies.

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## THE MACE

The solid silver and ebony wand was given to the University in 1965 by the family of the late Stanley F. Leavine and was designed by Toronto artist Eric Aldwinckle and crafted by silversmith Harold Stacey to symbolize the University as it was at that time. It displays lions, chevrons and the shield of the province of Ontario, from which the University holds its charter to grant degrees.

The symbolic theme of the mace is unity amid diversity, and tension in the creative intellectual process that strives to bring forth a new individual. The design of the mace interprets this theme in the idiom of the life process: from the seeds at the base of the stave the mace grows in unity and strength until it differentiates by a four-fold separation into diverse elements.





The four-fold diversity is significant because of the four faculties existing at the time the mace was presented to the University, and the four church-related colleges federated and affiliated with the University. These diverse elements together form a crown, and the point of the crown, while tending toward a union, do not quite touch. They remain as individuals suspended in tension and yet engaged in deep harmony. This creative process is focused not on the traditional spherical orb of static perfection but rather on an elliptical silver ovum – the egg-shaped symbol of creativity – the marvelous potential of a new individual life.

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## THE COAT OF ARMS AND MOTTO

The lions and chevrons also appear on the shield that is the University's coat of arms and is imprinted on the graduates' diplomas. Derived from traditional heraldry, it has been used since 1961 and was registered with the Court of the Lord Lyon in 1987. The shield uses the official colours of gold, black and white, and its symbols refer to the University's base in the cities of Kitchener and Waterloo. The unusual double chevrons were borrowed from the coat of arms of Lord Kitchener of Khartoum, and the red lions are like those on the coat of arms of the Duke of Wellington, victor at the 1815 Battle of Waterloo. The lions also reflect the tough and innovative spirit of the University's founders and builders, and the black and white in the chevron are the colours of Prussia, reflecting the Germanic background of many Waterloo County settlers. Beneath the shield appears the University's motto: *Concordia cum veritate*, "In harmony with truth."

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## DEGREES AND HONORARY DEGREES

Presentations of earned and honorary degrees, and the speeches associated with them, take up most of the time at convocation. Undergraduate and graduate degrees are awarded in each of our six faculties: Arts, Engineering, Environment, Health, Mathematics and Science. Also included are students who attended our colleges, Conrad Grebel University College, Renison University College, St. Jerome's University and United College.

In addition to "earned" degrees awarded to students who have met the requirements through years of effort, the University of Waterloo confers "honorary" degrees to individuals who have been designated by the Senate, the University's academic governing body, as deserving special honour. They, too, receive hoods, lined with the colour of the faculty that nominated them or with specially designated colours for other kinds of achievement.

By tradition, public service is recognized with a Doctor of Laws degree even in a university that does not regularly teach law. The individuals receiving honorary degrees are introduced during the ceremony, and a brief citation is read to explain their various accomplishments deserving of recognition by a university. One of the honorands will address convocation after the degree has been given.

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## EAGLE STAFF

On September 22, 2022, the University of Waterloo held a Commitment Ceremony pledging action toward decolonization, Indigenization and reconciliation. Weaving in the knowledge, ways of knowing, and understandings of First Nations, Métis and Inuit peoples equips the Waterloo community, especially Waterloo graduates, with the tools and knowledge they need to create a better future for all. The commitment was formalized through a Pipe Ceremony, after which Vivek Goel, president and vice-chancellor, was given the name “Ogiima” (meaning leader) and presented with gifts of an eagle feather and two Wampum belts. Our recommitment is formally acknowledged in a special ceremony each fall.

Building on the desire and responsibility to incorporate Indigenous perspectives, the University of Waterloo community came together for a ceremony on March 27, 2023, to welcome an Eagle Staff to the University.

An Eagle Staff is an important element of the Indigenous relationship to Earth and those that have protected it. It reflects the wisdom, strength and honour of those who carry it, representing different nations across Turtle Island. By welcoming the Eagle Staff, the University acknowledges the responsibility to recognize, accept and incorporate Indigenous perspectives in how we teach, govern and behave as an institution. The Eagle Staff is present at all ceremonies, celebrations and convocations.

The University of Waterloo honours and welcomes the Eagle Staff, a symbol of Indigenous strength, spirit and care. This signifies Waterloo’s commitment to incorporating First Nations, Métis and Inuit perspectives into the University’s governance, structure, and mission. It serves as a beacon of reconciliation on our shared path forward.



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**“THE EAGLE STAFF SERVES AS AN IMPORTANT SYMBOL AND REMINDER OF THE COMMITMENT WE MADE TO RECONCILIATION AND SERVES AS INSPIRATION FOR OUR UNIVERSITY COMMUNITY TODAY AND FOR FUTURE GENERATIONS.”**

**VIVEK GOEL**  
*President and Vice-Chancellor*

# Honorary doctorates

*An honorary degree (honoris causa) is the highest honour conferred by the University. Through the conferring of honorary degrees, the University of Waterloo seeks to recognize outstanding achievement, whether academic or through service to society.*

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## JOHN ENGLISH

BA, AM, PhD, FRSC  
Doctor of Laws, *honoris causa*

THURSDAY, JUNE 12 / AFTERNOON CEREMONY



Dr. John English is one of Canada's most acclaimed, best-selling historians and experts in international relations. He is an Officer of the Order of Canada, a Fellow of the Royal Society of Canada, and has the Order of Merit of Germany. English was the member of Parliament for the federal riding of Kitchener from 1993 to 1997, serving with distinction as the parliamentary secretary to the minister of Intergovernmental Affairs. He earned a Bachelor of Arts from the University of Waterloo, and was for four decades an outstanding member of Waterloo's history department and founding executive director of the Centre for International Governance Innovation. He is now a Senior Fellow at Trinity College at the University of Toronto and chairs the Canadian International Council.

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## PAUL CORKUM

PhD  
Doctor of Science, *honoris causa*

FRIDAY, JUNE 13 / AFTERNOON CEREMONY



Dr. Paul Corkum is a pioneering Canadian physicist renowned for his foundational contributions to attosecond science – the study of ultrafast phenomena on the scale of attoseconds ( $10^{-18}$  seconds). He earned his PhD in theoretical physics from Lehigh University in 1972. Corkum joined the National Research Council of Canada (NRC) in 1973, where he transitioned to experimental physics and developed groundbreaking models of atomic ionization. His recollision model enabled the generation of attosecond laser pulses, allowing scientists to observe electron dynamics in real time. Corkum holds a joint chair in Attosecond Photonics at the University of Ottawa and the NRC. His numerous accolades include the 2022 Wolf Prize in Physics and the 2025 APS Medal for Exceptional Achievement in Research.

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## TIM JACKSON

BA, FCPA, FCA  
Doctor of Laws, *honoris causa*

THURSDAY, JUNE 12 / EVENING CEREMONY



Tim Jackson is an entrepreneur, venture capitalist, not-for-profit leader and community builder. He is the president and chief executive officer of Shad, Canada's premier high school student summer program. He co-founded Tech Capital Partners, an early-stage venture capital firm and led the Accelerator Centre, an incubator for technology startups. He was executive-president at the MaRS Discovery District, one of the world's largest urban innovation hubs. As a University of Waterloo Accounting graduate, Jackson has a long history of service at Waterloo. He held the position of vice-president, University Relations in addition to five years on the Board of Governors and seven years as chair of the Student Venture Fund investment committee. Jackson was recognized with the prestigious title of Fellow Chartered Public Accountant for his exceptional service to the profession and his community.

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## ARMUGHAN AHMAD

BA, LLB, KC  
Doctor of Laws, *honoris causa*

FRIDAY, JUNE 13 / EVENING CEREMONY



Armughan Ahmad is a global technology executive, investor and board director recognized for his leadership in artificial intelligence and digital transformation. He currently serves as executive chairman of RxFood AI and general partner at Vision Studio Ventures, a venture capital firm backing early-stage AI founders. He also advises ServiceNow, TELUS, and OMERS as a senior AI strategist. Previously, Armughan was chief executive officer of Appen, a publicly traded company providing AI training data to leading technology firms including Google, Microsoft, Meta and Nvidia. He has also held senior leadership roles as president of KPMG Digital and Dell EMC, where he led global Data Center Cloud and High-Performance Computing business, and at HP and 3Com. Ahmad serves on the board of Trillium Health Partners and is the co-founder and board director of CILAR (Coalition of Innovation Leaders Advancing respect), advancing AI skill development and inclusive economic growth.

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# NEIL CAWSE

BSc Eng  
Doctor of Engineering, *honoris causa*  
SATURDAY, JUNE 14 / MORNING CEREMONY



Neil Cawse is the founder and chief executive officer of Geotab, the world's largest commercial telematics company. An engineer by training and entrepreneur by instinct, he founded Geotab in 2000 to help businesses make better decisions through vehicle data. Under his leadership, the company has grown into a global leader and is recognized among the fastest-growing technology companies in North America. Known for his long-term thinking and hands-on approach, Cawse continues to guide product design and engineering for Geotab. In 2015, he was named Ernst & Young Entrepreneur of the Year.

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# GINA CODY

BEng, MEng, PhD  
Doctor of Engineering, *honoris causa*  
SATURDAY, JUNE 14 / AFTERNOON CEREMONY



Dr. Gina Cody is an engineer and business leader who has helped shape Canada's cities and communities through decades of work in the private sector. As executive chair and owner of CCI Group Inc., she led complex engineering projects for major developers, financial institutions and public agencies across the country. Cody was the first woman to earn a PhD in building engineering from Concordia University, and she remains a strong advocate for inclusion in STEM. Her leadership and generosity led Concordia to name its Faculty of Engineering and Computer Science in her honour, recognizing both her professional achievements and commitment to the next generation.



# Distinguished professors emeriti

*The distinguished professor emeritus designation is made to faculty members who have had a distinguished record of service in teaching and research in the University. The honorary award is granted upon, or shortly after, retirement.*

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## BRYAN SMALE

BA, MA, PhD

Faculty of Health

TUESDAY, JUNE 10 / AFTERNOON CEREMONY



Dr. Bryan Smale is director of the Canadian Index of Wellbeing in the Faculty of Health, and professor emeritus in the Department of Recreation and Leisure Studies at the University of Waterloo. He received his PhD in Geography from the University of Western Ontario and both his Bachelor of Arts and Master's degrees in Leisure Studies from the University of Waterloo. Smale is currently a member of Statistics Canada's Advisory Committee on Social Conditions, research consultant on UNICEF Canada's Child and Youth Well-being Index, former chair and president of the Board of Directors of the Canadian Association of Leisure Studies.

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## PAUL STOLEE

BA, MPA, MSc, PhD

Faculty of Health

TUESDAY, JUNE 10 / AFTERNOON CEREMONY



Dr. Paul Stolee retired at the rank of professor from the School of Public Health Sciences at the University of Waterloo. His research is recognised for its significant impact on older persons' experiences with care systems. Stolee received the Distinguished Member Award from the Canadian Association on Gerontology, the association's highest honour. At Waterloo, he served in key governance roles including director of the University's Network for Aging Research and as interim dean of the Faculty of Health. He is also known for his exemplary student mentorship, as recognised with the University of Waterloo Award of Excellence in Graduate Supervision.

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## MARY HARDY

BSc, PhD, FIA, FSA, CERA

Faculty of Mathematics

WEDNESDAY, JUNE 11 / MORNING CEREMONY



Dr. Mary Hardy's research creates bridges between theoretical actuarial science and real-world challenges in insurance and pensions. Her pioneering work on financial guarantees and risk measures drove regulatory changes, bolstering Canadian insurers during the 2007-09 financial crisis. Hardy has co-authored three books and approximately 80 papers. She served as past editor-in-chief of two leading actuarial journals and was vice-president of the Society of Actuaries, where she was instrumental in modernizing its technical curriculum. In 2012, Hardy was awarded the Finlaison Medal of the U.K. Institute and Faculty of Actuaries for services to the actuarial profession in the areas of governance, teaching, research and the application of research to practice. In 2023, she was awarded the Lifetime Volunteer Award by the Society of Actuaries.

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## GORDON WILLMOT

BA, MMath, PhD

Faculty of Mathematics

WEDNESDAY, JUNE 11 / MORNING CEREMONY



Dr. Gord Willmot was professor of actuarial science in the Department of Statistics and Actuarial Science at the University of Waterloo from 1986 to 2024. He was the inaugural Munich Re Chair in Insurance from 2001 to 2021. Willmot is an outstanding mathematician known for his foundational contributions to insurance risk modelling and ruin theory. He has published more than 100 research papers and co-authored five books. He is among the most-cited actuarial scholars of all time. His stellar contributions to graduate supervision led him to be the recipient of a prestigious Award of Excellence in Graduate Supervision in 2022.

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# JOHN RAVENHILL

*BSc, LLB, MA, AM, PhD, FASSA, FAIIA*  
Faculty of Arts  
THURSDAY, JUNE 12 / MORNING CEREMONY



Dr. John Ravenhill joined the University of Waterloo in 2013 as the director of the Balsillie School of International Affairs, recognizing his leadership and world-class research in global politics and international political economy. His service continued in 2019 as chair of the Department of Political Science. Ravenhill has published more than 25 books and over 200 articles and book chapters. Among many distinctions, he has received the International Political Economy Distinguished Scholar Award from the International Studies Association and is an elected Fellow of the Academy of Social Sciences in Australia. He has also taught at the universities of Virginia, Sydney, and Edinburgh, and at the Australian National University.

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# PETER HUCK

*MAcc, PhD, FCPA*  
Faculty of Engineering  
SATURDAY, JUNE 14 / EVENING CEREMONY



Dr. Peter Huck is a retired professor of civil engineering at the University of Waterloo and a leading expert in drinking water treatment. He held the longest-running NSERC Industrial Research Chair in the program's history, serving for more than 30 years. His work on advanced treatment technologies has shaped drinking water policy and practice across Canada and internationally. A trusted advisor to government and industry, Huck played a key role in the Walkerton inquiry into drinking water safety, and he has received numerous national and international awards for his research, mentorship and contributions to public health and environmental protection.

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# RANJINI JHA

*BSc, MSc, MBA, PhD, CFA*  
Faculty of Arts  
THURSDAY, JUNE 12 / EVENING CEREMONY



Dr. Ranjini Jha retired from the School of Accounting and Finance in 2024, following a 26-year career at the University of Waterloo. She was an outstanding researcher, an exemplary educator, a catalyst in experiential finance education particularly for young women, and a wise governance advisor to our pension and benefits committee. As a trailblazer in experiential finance education, Jha founded the Student Investment Fund in 2012 (public equity) and the Student Venture Fund in 2017 (venture capital). Jha has received numerous awards, including the Faculty of Arts 2023 Excellence in Service Award, and the Outstanding Performance Award in 2013, 2010 and 2006.

# Guest speakers

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## BRENT DOBERSTEIN

*BSc, MA, PhD*

Faculty of Environment

TUESDAY, JUNE 10 / MORNING CEREMONY



Dr. Brent Doberstein is an associate professor in the Department of Geography and Environmental Management at the University of Waterloo. He has been engaged in hazard, disaster, and climate change adaptation teaching and research in Canada and abroad for more than 20 years.

Doberstein teaches a range of undergraduate, graduate and international field courses, and also currently serves as the Faculty of Environment liaison for a \$15 million Global Affairs Canada-funded project which is helping Indonesia develop climate action capacity.

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## THERESE HAYES

*BSc, MSc, MHA*

Faculty of Science

FRIDAY, JUNE 13 / MORNING CEREMONY



Therese Hayes is chief executive officer of Good Man Brand – a sustainable B Corp apparel and footwear company. She has 25 years of experience in Canada and the U.S. including leadership roles at lululemon, ARITZIA and Whistler Blackcomb Holdings Inc. She has a Bachelor of Science from the University of Waterloo, and two Master's degrees from the University of Ottawa in Microbiology and Immunology and Health Administration. Hayes is an active mentor to young entrepreneurs as a board advisor and is chair of the Board of Fashion Revolution Canada.

# Valedictorians

**Putri Cullinane**

Faculty of Environment

TUESDAY, JUNE 10 / MORNING CEREMONY

**Raksha Aravind**

Faculty of Health

TUESDAY, JUNE 10 / AFTERNOON CEREMONY

**Keeley Isinghood**

Faculty of Mathematics

WEDNESDAY, JUNE 11 / MORNING CEREMONY

**Nina Tan**

Faculty of Mathematics

WEDNESDAY, JUNE 11 / AFTERNOON CEREMONY

**Karen Abdel Sater**

Faculty of Mathematics

WEDNESDAY, JUNE 11 / EVENING CEREMONY

**Viren Pandya**

Faculty of Arts

THURSDAY, JUNE 12 / MORNING CEREMONY

**Daisy Birch**

Faculty of Arts

THURSDAY, JUNE 12 / AFTERNOON CEREMONY

**Matthew Jones**

Faculty of Arts

THURSDAY, JUNE 12 / EVENING CEREMONY

**Meera Thavarajah**

Faculty of Science

FRIDAY, JUNE 13 / MORNING CEREMONY

**Lyvia Yanover**

Faculty of Science

FRIDAY, JUNE 13 / AFTERNOON CEREMONY

**Salahuddin Said**

Faculty of Engineering

FRIDAY, JUNE 13 / EVENING CEREMONY

**Chinemerem Chigbo**

Faculty of Engineering

SATURDAY, JUNE 14 / MORNING CEREMONY

**Michael Hanley**

Faculty of Engineering

SATURDAY, JUNE 14 / AFTERNOON CEREMONY

**Mankirat Singh Sains**

Faculty of Engineering

SATURDAY, JUNE 14 / EVENING CEREMONY

# Graduate degrees

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## DOCTOR OF PHILOSOPHY

**Buchan, Marisa Claire** (Public Health Sciences)  
“Evaluating the Impact of Participation in School-Based Physical Education Lessons on Adolescent Health and Wellbeing in Ontario: Findings From the COMPASS Study”

**Cornish, Benjamin Francis** (Kinesiology)  
“Advancing Clinical Gait Assessment Methods With Low-Cost Triaxial Accelerometers: Applications for Individuals With Neurodegenerative Diseases”

**Dol, Megan** (Public Health Sciences)  
“Trajectories of Psychopathology and Mental Health Service Use Among Youth With a Physical Illness”

**Hedge, Eric Thomas** (Kinesiology)  
“Competing Effects of Arterial Pressure and Carbon Dioxide on Cerebrovascular Regulation During Exercise and Orthostatic Stress”

**Holmes, Martin Andrew** (Public Health Sciences)  
“A Psychometric Evaluation and Application of a Measure of Food Literacy Among Young Adults”

**Kang, Ji Won** (Public Health Sciences)  
“Understanding the Individual and Combined Impacts of Social Isolation and Loneliness on Memory: A Sequential Explanatory Mixed Methods Study”

**Matharu, Amarjit Kaur** (Recreation and Leisure Studies - Aging, Health and Well-Being)  
“The Weight of Leaving: Gender, Identity Shifts, and Health Challenges in the Post-Competition Lives of Women Bodybuilders”

**Meng, Guangxia** (Public Health Sciences)  
“Developing Quality Indicators for Home-Based Teleconsultation in Secondary Stroke Prevention”

**Oetomo, Arlene** (Public Health Sciences)  
“Facing the Heat: Utilizing the Internet of Things (IoT) to Enhance Preparedness Against Extreme Heat Events in Canadian Households”

**Rahman, Fasih** (Kinesiology)  
“Understanding the Role of Mitochondrial Remodeling During Myogenesis, Postnatal Muscle Growth, and Disuse Atrophy”

**Reaume, Shannon Vaughan** (Public Health Sciences)  
“An Epidemiological Investigation of Physical-Mental Multimorbidity: Findings From the 2014 Ontario Child Health Study”

**Russell, Julia** (Public Health Sciences)  
“Exploring the Wellbeing and Food Security of Ethical Vegans Through the Human and More-Than-Human World”

**Sivasubramaniam, Arany** (Recreation and Leisure Studies - Aging, Health and Well-Being)  
“Justice Is the Real Medicine: The Tensions & In (Tensions) of Radical Thinking in Liberal Institutions Across the Medical Industrial Complex”

**Valtchanov, Bronwen Lee** (Recreation and Leisure Studies)  
“Heartworks: Feminist Encounters With the Gendered Selves of Young Divorcées”

**Wang, Kang** (Public Health Sciences)  
“Supporting Healthy Aging With Active Assisted Living Technology: From Developing Smart Home Data Ecosystem to Activities of Daily Living Recognition”

**Wilkinson, Jennifer** (Kinesiology)  
“The Influence of Sex and the Human Serum Environment on Fuel Storage, Skeletal Muscle Metabolism, and Insulin Sensitivity”

**Zhang, Qianyu** (Public Health Sciences)  
“Machine Learning Approach and Adolescence Health Implementation of Machine Learning Algorithms to Explore Adolescent Health, BMI and Weight Perception Using COMPASS Study”

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## MASTER OF ARTS

**Delaney, Erin Paige** (Recreation and Leisure Studies)

**Liang, Jianing** (Recreation and Leisure Studies)

**MacTavish, Erica Mary** (Recreation and Leisure Studies)

**Vacalopoulos, Panayiota** (Recreation and Leisure Studies)

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## MASTER OF HEALTH EVALUATION

Chakraborty, Anita Rupali  
Chau, Millie WT  
De Jong, Erin Melissa  
Gallagher, Jennifer Kaleigh Anne  
Hayes, Alatheia Bronwyn  
Jansman-Hart, Erika Marie  
Joachimides, Nicholas  
Josh, Navjoyt  
Lane, Kristin Marie  
Li, Amber Xuanyi  
Luu, Beatrice  
Mksyartinian, Patil  
Popal, Veda  
Salgado, Sakuntala  
Staruch, Andrea  
Watling, Emily Ann

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## MASTER OF HEALTH INFORMATICS

Abdel-Baset, Mariam Saleh  
Abdulle, Ebyan  
Bouakkar, Zayna  
Dang, Kitty Binh Khai  
Dennis, Jonathan  
Folashade, Eunice Abimbola  
Khan, Mahnoor  
Kore, Tanmay Prakash  
Lee, Derek Yuk Ho  
Maah, Memoona  
Makazan, Janna  
Michailidis, Stergios  
Muhammad, Sana  
Najiman, Paerhati  
Norris, Jennifer Louise  
Patel, Sonia  
Raveendranathan, Robhini  
Whelan, Ashley Rae

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## MASTER OF KINESIOLOGY

Helwa, Nour Hesham

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## MASTER OF SCIENCE

**Abdelrahman, Sara Abdelsalam** (Public Health Sciences)

**Barclay, Christopher J** (Public Health Sciences)

**Bui, Danica** (Public Health Sciences)

**Coulis, Sydney Hope Fox** (Public Health Sciences)

**De Silva, Udani Savbhagya** (Public Health Sciences)

**Elliott, Madelyn Devan** (Public Health Sciences)

**Fenton, Arden Grace** (Public Health Sciences)

**Grad, Dalia** (Kinesiology)  
**Graham, Kylee Rene** (Kinesiology)  
**Liu, Hua Ning** (Kinesiology)  
**Mckee, Elena Mary** (Kinesiology)  
**Ocampo, Gabriela Celeste**  
(Kinesiology)  
**Romano, Leonardo Luca** (Public  
Health Sciences)  
**Russell-Bertucci, Kayla L**  
(Kinesiology)  
**Solomon, Eden** (Public Health  
Sciences)  
**Tupling, Olivia Leslie** (Kinesiology)  
**Winfield-Ward, Lauren Elizabeth**  
(Public Health Sciences)  
**Zhao, William** (Kinesiology)

---

**MASTER OF SOCIAL WORK**

Gracie, Tessa Jane  
Hebert, Emilie Edna Marey  
Ripley, Lauren Alexandra

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**GRADUATE DIPLOMA**

**Dang, Kitty Binh Khai**  
(Computational Data Analytics for  
the Social Sciences and Humanities)

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**GRADUATE CERTIFICATE**

**Boyar, Yelyzaveta** (University  
Teaching)  
**Doan, Natalie** (University Teaching)  
**Dol, Megan** (University Teaching)  
**Watkis, Raquel Ancelia** (University  
Teaching)  
**Wong, Wing Lam** (University  
Teaching)

# Undergraduate degrees

## BACHELOR OF ARTS

### HONOURS RECREATION AND LEISURE STUDIES

**Bofah, Michael-Joshua Pinamang**  
(Event Management Minor)

**Boutilier, Brianna Dawn** \*

**Casais Ponce De Leon, Samuel** †

**Dunbar, Sarah Jane** (Recreation  
and Leisure Studies & Joint Honours  
Psychology) †

**Li, Jia Hao** (Event Management  
Minor) \*

**Medeiros, Tayla Harmony** †

**Miller, Anthony Jamal**

**Mok, Wing Yan Eunice** (Event  
Management Minor)

**Nixon, Naomi Elise Elizabeth**

**Pritchard, Keith Edwin** (Social  
Development Studies Minor)

**Saari, Erica Renee** (Co-operative  
Program) †

**Seeburn, Jyosna Devi** (Tourism  
Minor, Event Management Minor –  
Co-operative Program)

**Smith, Willow Greenley** \*

**Stock, Kennedy Christina** (Tourism  
Minor, Event Management Minor –  
Co-operative Program)

**Su, Yuqing** (Event Management Minor)

**Sutherland, Shyrai**

**Wong, Ting Theone** (Event  
Management Minor) \*

### HONOURS RECREATION AND SPORT BUSINESS

**Amaral, Jacob Didier** (Event  
Management Minor – Co-operative  
Program) †

**Ameer, Shamara Kayla** (Event  
Management Minor – Co-operative  
Program) †

**Antolcic, Nikolas Steven**  
(Co-operative Program)

**Avalos-Delisser, Javonte Romeo**

**Bell, Nicholas Keith** †

**Billing, Hudson Shane** (Event  
Management Minor – Co-operative  
Program) †

**Buot, Paolo Oculam** (Event  
Management Minor)

**Castro, Matteo Gole** (Event  
Management Minor) \*

**Chowdhury, Nasif** (Event  
Management Minor)

**Coffey, Barrett John** (Event  
Management Minor)

**Covemaeker, Lauren Hannah** (Event  
Management Minor) †

**Dillon, Riley Joseph** (Event  
Management Minor) †

**Eustace, Joshua Logan** †

**Flindall, Joshua Brian**

**Fuller, Laeum Benjamin** (Event  
Management Minor) \*

**Gorsky, Brendan Kenneth** (Human  
Resources Management Minor) \*

**Hepburn, Carson Alan Christian**  
(Event Management Minor –  
Co-operative Program)

**Huber, Juliana Ria Heersche**  
(Co-operative Program) †

**Huebner, Benjamin Payson**

**Hughes, Nieve Hoang** (Event  
Management Minor, Human  
Resources Management Minor)

**Huxley, Charles John**  
(Event Management Minor,  
Entrepreneurship Minor) \*

**Kehoe, Ryan Joseph** (Event  
Management Minor – Co-operative  
Program) \*

**Ko, Alex Chun Chong** (Co-operative  
Program) \*

**Leduc, Dawson James** (Event  
Management Minor) †

**Lee, Daniel Taeshin** (Event  
Management Minor – Co-operative  
Program) \*

**Liu, Jet** (Event Management Minor –  
Co-operative Program)

**MacLeod, Samuel Kenneth Taylor**

**McKellar, Connor Henderson** (Event  
Management Minor – Co-operative  
Program) †

**Millar, Jacob Kristoffer**  
(Co-operative Program)

**Miller, Marcus**

**Nardi, Natalie Alesia** (Event  
Management Minor) †

**Naumova, Anna** (Event Management  
Minor – Co-operative Program) \*

**Ng, Tsz-Lok Enoch**

**Orth, Carly Elizabeth**  
(Entrepreneurship Minor, Event  
Management Minor) \*

**Pan, Nathan**

**Pandya, Harshraj**

**Reid, Andrew Christopher** (Event  
Management Minor) \*

**Rodrigues, Nathan Collin** (Human  
Resources Management Minor)

**Rodriguez, Jorge** (Event  
Management Minor)

**Rogers, Dana Kiyomi** (Event  
Management Minor)

**Sachdeva, Gurmehar Singh**  
(Event Management Minor, Human  
Resources Management Minor –  
Co-operative Program) †

**Saha, Jack Hampton** \*

**Savla, Preet Sanjay** (Event  
Management Minor)

**Schill, Adam Clement** (Co-operative  
Program) \*

**Seltzer, Carl Adam**

**Seyers, Jacob Andrew** (Event  
Management Minor) \*

**Simons, Amber** (Event Management  
Minor) †

**Szeremeta, Mateusz** (Co-operative  
Program) \*

**Tattrie, Sarah Elizabeth** (Event  
Management Minor – Co-operative  
Program) †

**Ternowski, Tyler Richard**

**Thaler, Matthew Noah** (Human  
Resources Management Minor) †

**Titus, Jamal Samuel Dawson** (Event  
Management Minor – Co-operative  
Program) \*

**Ton, Albert** (Event Management  
Minor – Co-operative Program) †

**Wald, Zachary Brandon** (Event  
Management Minor – Co-operative  
Program) †

**Watsa, Isaac James** (Event  
Management Minor) †

**Wolf, Valerie Helen Elizabeth** (Event  
Management Minor) †

**Zaidi, Mohib Hassan** (Co-operative  
Program)

**Zimmerman, Jagger Richard** (Event  
Management Minor, Tourism Minor) †

\* – Distinction

† – Dean's Honours

## HONOURS THERAPEUTIC RECREATION

**Armstrong, Brooke Lynn** (Event Management Minor – Co-operative Program) †

**Bailey, Charlotte Joan** (Co-operative Program) †

**Bhaloo, Kauthar Zulfikar** (Co-operative Program) †

**Borah, Vanca** (Tourism Minor)

**Craven, Hailey Adele**

**Frey, Lauren Elizabeth** (Co-operative Program) †

**Friesen, Julia Colette** (Gerontology Minor) †

**Jack, Jayden Logan Noa** (Psychology Minor) †

**Kwok, Jaclyn** (Gerontology Minor – Co-operative Program) †

**McDaid, Deborah Angelica** †

**Meston, Logan Patricia** (Co-operative Program) †

**Miller, Julianna Hope Creber** \*

**O'Neill, Zoe Ruizhu** (Event Management Minor, Psychology Minor) \*

**Oskam, Jacobi-Jannette** (Psychology Minor) \*

**Raymond, Christina Diane** (Psychology Minor) †

**Sinclair, Elizabeth Rosa** (Co-operative Program) †

**Videnovic, Isabella** (Honours Therapeutic Recreation & Honours Recreation and Sport Business – Event Management Minor) †

**Wiebe, Keyara Nicole** †

## HONOURS TOURISM DEVELOPMENT

**Le, Kim Phung** (Event Management Minor – Co-operative Program) \*

**Shaik, Afrah Mohammed** (Event Management Minor – Co-operative Program) \*

**Wang, Shi Yi** (Event Management Minor)

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## BACHELOR OF PUBLIC HEALTH

### HONOURS PROGRAM

**Amer, Iman** (Addictions, Mental Health and Policy Minor – Co-operative Program)

**Arulraj, Harini** (Gerontology Minor) \*

**Bamrah, Taranjot Kaur** \*

**Behiry, Zeinah Aly**

**Bender, Averyl Magdelene** (Addictions, Mental Health and Policy Minor – Co-operative Program) †

**Botelho, Milena Tomas** (Gerontology Minor) \*

**Bustard, Emma Elizabeth Marie** \*

**Camboj, Jasleen Kaur** (Co-operative Program) †

**Cheema, Mehar Kaur** (Co-operative Program)

**Chotalia, Divia Anjani** (Addictions, Mental Health and Policy Minor – Co-operative Program) \*

**Douglas-Blaize, Eboni-Simone** (Addictions, Mental Health and Policy Minor) \*

**Duong, Newton** (Health Informatics Option – Co-operative Program) †

**Edmund-Jaka, Obarialemy Nyimenka** (Gerontology Minor) \*

**Eresia-Eke, Ayaduye**

**Faisal, Manaal** (Health Informatics Option – Co-operative Program) \*

**Fordham, Sydney Anna** †

**Grewal, Gurleen**

**Grewal, Muskaan** (Addictions, Mental Health and Policy Minor – Co-operative Program) †

**Gul, Arooba** \*

**Hafiz-Zadeh, Nida Rehman** (Co-operative Program) †

**Hirano, Elisa** †

**Hoang, Vivien Ji Hui** (Health Informatics Option – Co-operative Program) †

**Hussain, Suha** (Co-operative Program) †

**Ijaz, Hajra**

**Ioannou, Loukia** †

**Kaur, Simran** (Aging Studies Option) \*

**Khan, Farhaana** (Addictions, Mental Health and Policy Minor – Co-operative Program) †

**Khokhar, Ayesha Noor** (Aging Studies Option – Addictions, Mental Health and Policy Minor – Co-operative Program) \*

**Lam, Julie** (Addictions, Mental Health and Policy Minor, Psychology Minor) \*

**Lin, Connie** (Co-operative Program) \*

**Maddock, Catherine Margaret-May** (Gerontology Minor – Co-operative Program) \*

**Malik, Amna Ashraf** (Addictions, Mental Health and Policy Minor – Co-operative Program) \*

**Malik, Mehtab Noor** \*

**Mashal, Sumandeep Kaur** (Aging Studies Option) \*

**Mbabaali, Noreen Suriat Naiga** \*

**Mehra, Elsie** (Co-operative Program) †

**Pereira, Erin Elizabeth** (Addictions, Mental Health and Policy Minor – Co-operative Program) †

**Rajcoomar, Latanya**

**Sakai, Emily Mariko** (Aging Studies Option – Sociology Minor – Co-operative Program) †

**Salim J. Ali, Labibah** (Addictions, Mental Health and Policy Minor)

**Tong, Yat Hin Wilson** (Health Research Specialization/Health Informatics Option – Co-operative Program) †

**Twizere, Danny-Joelle**

**Tyler, Macie Ashton** †

**Vigneswary, Sharmi** (Aging Studies Option – Addictions, Mental Health and Policy Minor – Co-operative Program) \*

**Vo, Christine Thu Anh Nguyen** (Co-operative Program) †

**Wahab, Mahira Sumaiya** (Addictions, Mental Health and Policy Minor – Co-operative Program) †

**Yin, Xinyan** (Human Resources Management Minor – Co-operative Program) \*

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## BACHELOR OF SCIENCE

### GENERAL KINESIOLOGY PROGRAM – FOUR YEAR

**Leblanc, Justin**

**Syed, Huzaifa Arshad**

### HONOURS HEALTH SCIENCES

**Abbasi, Manal Rizwan** (Pre-Clinical Specialization)

**Abdon, Levenie** (Gerontology Minor) \*

**Abdool, Kai Christian** †

**Abu Ghanem, Haya** †

**Akhtar, Laiba** (Co-operative Program) \*

**Aldosri, Dana Sabah** †

**Aldosri, Lana Sabah** †

**Al-ogaili, Rima**

**Ananthanayakam, Jenet** (Addictions, Mental Health and Policy Minor)

**Apostol, Christian Miles** (Co-operative Program) †

**Askar, Nouran**

\* – Distinction

† – Dean's Honours



**Azmat, Alina Najia** \*

**Bantourakis, Konstantinos**  
(Gerontology Minor, Addictions,  
Mental Health and Policy Minor) †

**Bartliff, Carleigh Shaye** \*

**Basra, Jesmeen Kaur** \*

**Bennett, Hannah Grace** \*

**Bhagat, Sanya** \*

**Blanchard, Cathleen Macrina** †

**Chan, Valerie Hui Yue** (Gerontology  
Minor)

**Chapani, Lipi** (Pre-Clinical  
Specialization) †

**Chaves, Nathan Jonah Maala** (Co-  
operative Program) †

**Chik, Daisy** \*

**Chowdhury, Tabia Tabassum** (Aging  
Studies Option – Co-operative  
Program) †

**Chumber, Pooja** (Aging Studies  
Option)

**Clarkson, Naomi Skye** (Health  
Research Specialization –  
Co-operative Program) †

**Dawkins, Aaliyah** †

**Devarajah, Nilani** (Co-operative  
Program) †

**Dhillon, Abjot Kaur** (Pre-Clinical  
Specialization – Co-operative  
Program) †

**Dupuis, Ella Maran** \*

**Evans, Wesley Davis**

**Faran, Nyle**

**Gajiyani, Satiya** (Co-operative  
Program) †

**Ganesh, Rithika Dharshini**

**George, Celeena Louisa**  
(Co-operative Program) †

**Ghuman, Sukhleen Kaur** (Aging  
Studies Option) †

**Gibbons, Ryan Thomas** (Psychology  
Minor)

**Gonsalves, Liam Ethan** (Human  
Resources Management Minor) †

**Grewal, Subaig Singh**

**Gul, Maria** (Gerontology Minor) †

**Guled, Zubayda**

**Haroon, Shine** (Gerontology Minor)

**Hassan, Yasser**

**Hudani, Imra** \*

**Jacque, Sophia Sherry Ann**  
(Gerontology Minor, Religious Studies  
Minor)

**Kang, Yujin** (Health Research  
Specialization – Addictions, Mental  
Health and Policy Minor –  
Co-operative Program) †

**Karir, Rhea** (Aging Studies Option)

**Kathiravel, Anusha** (Co-operative  
Program) †

**Kaur, Simran** (Addictions, Mental  
Health and Policy Minor, Gerontology  
Minor)

**Khalid, Maheen**

**Khan, Zoha** (Medical Physiology  
Minor)

**Koehn, Angela Maria**

**Koo, Emily Wei Man** (Aging Studies  
Option – Co-operative Program) \*

**Koshy, Ilona Naomi** (Aging Studies  
Option – Psychology Minor –  
Co-operative Program) †

**Kulamohan, Aruvi** (Medical  
Physiology Minor – Co-operative  
Program) †

**Kwong, Caitlyn Ming Yuen**  
(Co-operative Program) †

**Labun, Marcus Allan** (Pre-Clinical  
Specialization – Co-operative  
Program) \*

**Lagunarajan, Jehanee** (Applied  
Language Studies Minor – Co-  
operative Program) \*

**Laver, Erika Sabina**

**Li, Chessie** (Aging Studies Option –  
Co-operative Program) †

**Li, Jane** (Aging Studies Option) †

**Liu, Vicky** (Pre-Clinical  
Specialization – Gerontology Minor –  
Co-operative Program) †

**Mahfod, Sarah Joma** (Aging Studies  
Option) †

**Malik, Mariam** †

**Miznazi, Rawan** (Pre-Clinical  
Specialization) \*

**Mokbel, Aseel** (Co-operative  
Program)

**Mokha, Muskan**

**Moral, Zaima Alam** (Psychology  
Minor – Co-operative Program) \*

**Nandakumar, Roshne** (Addictions,  
Mental Health and Policy Minor)

**Nanthakumar, Shanjei** †

**Ngan, Jacqueline Anne**  
(International Trade Minor –  
Co-operative Program)

**Niwe, Salva Beryl** (Co-operative  
Program) †

**Osman, Reyhan** (Aging Studies  
Option – Addictions, Mental Health  
and Policy Minor – Co-operative  
Program) \*

**Parhar, Hana Rose**

**Patel, Falak Mukeshkumar** (Aging  
Studies Option)

**Patel, Ishika**

**Patel, Shreya** (Aging Studies Option) \*

**Patel, Vidhi** (Psychology Minor)

**Patwa, Fizah** †

**Popovici, Karina Timeea**  
(Pre-Clinical Specialization –  
Co-operative Program) †

**Puchala, Jerra Kae Julienne**  
(Biology Minor)

**Rai, Sukhmanjeet Kaur** (Gerontology  
Minor – Co-operative Program)

**Rajput, Yesha** (Co-operative  
Program) \*

**Ravendran, Jasmi** (Co-operative  
Program) †

**Rayat, Avleen** †

**Riaz, Nashita** †

**Riyahi, Saghar** (Biology Minor) \*

**Sachdeva, Japneet Kaur**  
(Co-operative Program) †

**Sajjad, Shehlala** (Psychology  
Minor – Co-operative Program) \*

**Sandhu, Sukhman Kaur** (Health  
Research Specialization/Aging  
Studies Option – Management  
Studies Minor)

**Santos, Alyanna Catherine**

**Sardine, Olivia Rita-Marie**  
(Indigenous Studies Minor)

**Sareen, Aryan** \*

**Satheesh, Shajanthini** (Aging  
Studies Option)

**Schaefer, Rori Elizabeth**  
(Gerontology Minor – Co-operative  
Program) \*

**Scharf, Ili** (Psychology Minor) \*

**Schubert, Trinity Ann** (Psychology  
Minor) \*

**Sekhon, Arshnoor Singh**

**Sembhi, Siya** (Gerontology Minor –  
Co-operative Program) \*

**Shah, Sayyam** †

**Sharpe, Paige Diana Millerd**  
(Addictions, Mental Health and  
Policy Minor – Co-operative  
Program) †

**Singh, Alyssa Maya Dumati**  
(Co-operative Program) †

**Sivakuganandan, Archana**  
(Addictions, Mental Health and  
Policy Minor – Co-operative  
Program) \*

**Sivakumar, Jeyaledgeesumiraj** \*

**Sivanayagam, Vaishni** (Addictions,  
Mental Health and Policy Minor –  
Co-operative Program)

**Sivaneswaran, Suwetha**

\* – Distinction

† – Dean's Honours

**Stewart Burns, Emily Rose** (Gerontology Minor – Co-operative Program) \*

**Storm, Kyle** \*

**Tang, Zijian** †

**Tao, Zan** †

**Tawfik, Malak Mostafa** (Human Nutrition Minor) \*

**Vanegas, Kyle Jordan** (Pre-Clinical Specialization – Co-operative Program)

**Varsava, Hailee Elya** (Pre-Clinical Specialization – Gerontology Minor – Co-operative Program) \*

**Venugopalan, Luxiya** (Aging Studies Option – Addictions, Mental Health and Policy Minor – Co-operative Program) \*

**Williams, Tara Elizabeth** (Co-operative Program) \*

**Wong, Michelle** (Gerontology Minor, Psychology Minor – Co-operative Program) †

**Wu, Megan Mei-Yee** †

**Zhang, Wenxiu** (Pre-Clinical Specialization – Co-operative Program) †

**Ziad, Isra Abdurahman** (Entrepreneurship Minor – Co-operative Program)

**HONOURS HEALTH STUDIES**

**Ahmad, Abdul-Hannan** (Psychology Minor – Co-operative Program)

**Ahmad, Emaan**

**Akkila, Shereen Waleed** (Co-operative Program) †

**Bhatti, Prabhleen Kaur**

**Bouphavong, Phitsana** (Co-operative Program) †

**Chatterjee, Shreya** (Co-operative Program) †

**Chaudhry, Mohid B**

**Florjancic, Courtney Victoria** (Co-operative Program) \*

**Hoque, Sharia** †

**Kuzakova, Anastasiya**

**Lee, Ellis Mena** (Health Informatics Option – Co-operative Program) \*

**Marriott, Jayden Joseph** (History Minor – Co-operative Program)

**Nafees, Abdulwadud Omar** (Co-operative Program) †

**Naoum, Andrew** (Pre-Clinical Specialization – Co-operative Program) †

**Panchadcharam, Thamilini** (Co-operative Program) †

**Philemon, Lawis**

**Ramesh, Deepak Raj**

**Ramesh, Hamisha** (Aging Studies Option – Co-operative Program) †

**Raniga, Dakshesh Ram** \*

**Sethi, Janvi** (Legal Studies Minor – Co-operative Program) †

**Shahbaz, Tehniyat** (Co-operative Program) \*

**Shahzad, Unzila** (Aging Studies Option) †

**Talebi, Fahad** (Health Informatics Option – Co-operative Program) \*

**Tong, Peyton Thomas** (Aging Studies Option)

**Van Schaik, Abigail Elyse** (Health Studies & Joint Honours Psychology – Co-operative Program)

**Yung, Matte Mei-jing** †

#### HONOURS KINESIOLOGY

**Abdelgalil, Sarah Abdelgader** (Rehabilitation Sciences Specialization – Medical Physiology Minor)

**Aguero Riojas, Armando Javier** (Co-operative Program) \*

**Ahmed Makhdoomi, Maaz** (Co-operative Program) \*

**Aravind, Raksha** (Co-operative Program) †

**Arnold, Megan Nicole** (Co-operative Program) †

**Arshad, Emiko Okamoto** (Co-operative Program) †

**Baker, Tyler James**

**Barzola Silva, Stephanie Ann** (Co-operative Program) \*

**Baumgartner, Ethan Peter** (Co-operative Program) †

**Bello, Raheemat Wuraola**

**Bernais, Mary Jessica** (Co-operative Program) †

**Bilicic, Emma Katarina** \*

**Bradley, Graham Andrew** (Rehabilitation Sciences Specialization – Co-operative Program) †

**Braich, Amol Kaur**

**Braid, Rhiannon Simona** (Co-operative Program) †

**Brasca, Massimo Nello Stewart** (Rehabilitation Sciences Specialization – Co-operative Program) \*

**Brock, Simon Errol Edmond**

**Buck-O'Neill, Connor Matthew** (Co-operative Program) \*

**Calcagno, Massimo Philip** (Rehabilitation Sciences Specialization)

**Cameron, Mikayla** (Rehabilitation Sciences Specialization – Co-operative Program) \*

**Canini, Claire Angela** (Co-operative Program)

**Cao, Jason** (Co-operative Program) †

**Chan, Roger Yang** (Co-operative Program) \*

**Cheung, Matthew Zak Sang**

**Choi, Aden Le Yan** (Co-operative Program) †

**Chu, Gabriel**

**Chu, Megan Hui Heng** (Co-operative Program) \*

**Clermont, Marc Robert** (Rehabilitation Sciences Specialization)

**Coelho, Emily Grace** (Rehabilitation Sciences Specialization) †

**Cordi, Megan Maria** \*

**Côté, Olivia Lauren Simone**

**Csontos, Emily Alyssa**

**Dhaliwal, Mandeep Kaur** \*

**Diep, Jessica** (Rehabilitation Sciences Specialization – Co-operative Program) †

**Docherty, Ashley Catherine** (Co-operative Program) †

**Dunlay, Arianna Nicole** (Rehabilitation Sciences Specialization – Co-operative Program)

**Durnin, Ainsley Caroline** (Co-operative Program) †

**Eagles, Madeleine Renee** (Co-operative Program) †

**Ekujumi, Mofeoluwa Eytayo**

**Elliott, Kyle James** (Co-operative Program) \*

**Elmahi, Ahmed Elrasheed Mohamed**

**Elsadi, Noor Salman**

**Eng, Nyklaas Chun Yang** (Rehabilitation Sciences Specialization – Co-operative Program) †

**Evans, Amanda Ashley** †

**Fernando, Caelan Kavinda** \*

**Fok, Joseph** (Economics Minor)

**Fong, Carson Phillip** (Co-operative Program) †

**Forgac, Alexis Julia**

**Galindo, Angelique Marie**

**Garrow, Miranda** (Psychology Minor)

\* – Distinction  
† – Dean's Honours

**Gatto, Isabella Jenna** (Co-operative Program)

**George, Daniel Brennan** (Kinesiology & Joint Honours History)

**Geronimo, Jacob Alexander**

**Gnanasundaram, Roshani** (Co-operative Program)

**Goffar, Paige Kennedy**

**Ha, Matthew** (Rehabilitation Sciences Specialization – Co-operative Program) †

**Hagan, Kailyn Drew** (Rehabilitation Sciences Specialization) \*

**Hardwick, Robert Nicholas** \*

**Hasyj, Ethan Nicholas**

**Herradura, Lannah** (Co-operative Program)

**Heuston, Ainsley Elizabeth** (Rehabilitation Sciences Specialization – Co-operative Program) \*

**Hewer, Sarah Mackenzie** (Rehabilitation Sciences Specialization) †

**Honderich, Cassandra Lynn** †

**Hou, Raymond** (Co-operative Program) \*

**Hubbell, Taylor Jeannine** (Medical Physiology Minor – Co-operative Program)

**Huynh, Kevin** (Co-operative Program) †

**Ierace, Mateo Nazzareno** (Co-operative Program)

**Jim, Edward Ka Shing** (Co-operative Program) \*

**Johnson, Hannah Lauren**

**Joshi, Devanshi** (Co-operative Program) \*

**Jung, Gahyun** (Psychology Minor – Co-operative Program)

**Kainth, Asmeet Singh** (Co-operative Program) \*

**Kashif, Maaz** (Rehabilitation Sciences Specialization – Co-operative Program)

**Kengatharan, Lindsia**

**Khosa, Nimrat** \*

**Kipfer, Megan Irene** (Co-operative Program) †

**Koolen, Leah Grace** (Co-operative Program) †

**Lai, Jason**

**Langman, Joshua Clement Malone**

**Larochelle, Sarah Elizabeth** (Medical Physiology Minor – Co-operative Program) \*

**Lawley, Spencer Ronald** (Rehabilitation Sciences Specialization – Co-operative Program) \*

**Lawson Keam, Madeleine Mei** (Co-operative Program) †

**Lee, Jeremy Younho**

**Lee, Samantha** †

**Lemay, Tristan Alexander**

**Lemon, Claire Mackenzie Kembley** (Rehabilitation Sciences Specialization – Addictions, Mental Health and Policy Minor – Co-operative Program)

**Lerch, Nicole Marie** (Co-operative Program) \*

**Liu, Kevin Kai Wen** (French Minor – Co-operative Program) †

**Liu, Sheng Han** (Human Nutrition Minor – Co-operative Program)

**Lu, Yong Yin** (Co-operative Program) †

**Malik, Abeer**

**Mani, Alisha Anna** (Co-operative Program) \*

**Mao, Mana** (Rehabilitation Sciences Specialization)

**Mariam, Eesha** \*

**Marshall, Kira Jillian** (Human Nutrition Minor)

**Martin, Elijah Grant** †

**McDonald, Heidi Grace** †

**McKernan, Brian Jose Daniel** (Rehabilitation Sciences Specialization)

**Miller, Grace Isabella** †

**Moran, Alexandra Katelin Grace** (Ergonomics and Injury Prevention Minor)

**Nanthakumaran, Akshen**

**Nasir, Huda Jamal** (Kinesiology & Joint Honours English-Creative and Professional Writing – Co-operative Program)

**Nguyen, Aaron Nhat Phi** (Rehabilitation Sciences Specialization) \*

**Nickelson, Abigail Marie** (Psychology Minor – Co-operative Program) \*

**Nijjar, Simrat Kaur** †

**Nunes, Mason Phillip Cecere** (Rehabilitation Sciences Specialization) †

**Nurse, Hunter Thomas** (Rehabilitation Sciences Specialization – Co-operative Program) \*

**O’Hanley, Mary Muriel Christina** (Rehabilitation Sciences Specialization) †

**Ouyang, Bei** (Co-operative Program) \*

**Palapuz, John Raymond Maralit** (Co-operative Program) \*

**Pang, Taylor** (Rehabilitation Sciences Specialization) †

**Parashar, Tasha** (Medical Physiology Minor)

**Parmley, Zachary Logan** (Rehabilitation Sciences Specialization) †

**Patel, Maithili Jigar** (Co-operative Program) \*

**Patel, Minal Manish** (Co-operative Program) \*

**Peck, Andréanne**

**Perera, Pamu Mihinada**

**Phagura, Manroop** †

**Quinn, Madison Alexandra** (Medical Physiology Minor, Biochemistry Minor – Co-operative Program) †

**Raghunathan, Aadarsh Krishnamurthy** (Rehabilitation Sciences Specialization) \*

**Ray, Jacob Michael** (Co-operative Program) †

**Ray, Mikayla Buchanan** (Co-operative Program) \*

**Reimer, Daniel Philip** (Rehabilitation Sciences Specialization – Co-operative Program) †

**Reparon, Kayley Elizabeth** (Medical Physiology Minor – Co-operative Program) †

**Rodrigues, Nina Silva**

**Safar, Anmar Read Sami** (Co-operative Program)

**Salapare, Marco Enrique** (Co-operative Program) \*

**Schindler, Nicole Marie**

**Secnik, Nikita** (Co-operative Program) †

**Shah, Anuj Asit**

**Skinner, Indigo McBurney** (Co-operative Program)

**Skorupski, Sean Jason** (Co-operative Program) †

**Sluys, Nicole Katherine**

**Small, Haley Alexa Ann** †

**Small, Hannah Marie Michelle** (Rehabilitation Sciences Specialization – Co-operative Program)

**Sobon, Joseph Dante** (Rehabilitation Sciences Specialization)

\* – Distinction

† – Dean’s Honours

**Sohi, Harkomal** (Co-operative Program) †

**Strozak, Emilia Alexandra** (Co-operative Program) \*

**Stupka, Tiffany Yvetta** †

**Thiessen, Jocelyn Salena**

**Thomas, Shailen Errey** †

**Thompson, Sean Allen** (Co-operative Program) \*

**Tieu, Ellis Matthew** (Computing Minor – Co-operative Program) \*

**Tohidi, Keyon** †

**Tran, Emily** (Co-operative Program) †

**Trytek, Michael Philip** (Biology Minor)

**Tsang, Wing Nam** †

**Tupling, John Roger Alexander** (Co-operative Program)

**Tursunkhanova, Adema**

**Van Niejenhuis, Natalie Grace** (Psychology Minor – Co-operative Program) †

**Van Steensel, Taylor Jane** (Rehabilitation Sciences Specialization – Co-operative Program) †

**Van Zeumeren, Leah Christina** \*

**Vlasman, Haylee Johanna** (Co-operative Program)

**Walker, Abigail Jeanne** (Co-operative Program) †

**Walkington, Elizabeth Cathlena Brooks** (Rehabilitation Sciences Specialization) \*

**Weiler, Benjamin Daniel** (Co-operative Program) \*

**Wong, Joyce**

**Wong, Nga Yin Michelle**

**Wu, Kuan Heng** (Human Nutrition Minor – Co-operative Program)

**Yip, Kayla** (Co-operative Program) †

**Young, Amy Claire** (Psychology Minor – Co-operative Program) †

**Young, Katherine Anne** (Co-operative Program) †

**Zaia, Joy Romail** (Co-operative Program) †

**Zaman, Nawal Qamar** \*

**Zhan, Wendy**

**Zhou, Daryl** (Co-operative Program)

### DIPLOMA IN FRENCH LANGUAGE II

Leduc, Dawson James  
Stewart Burns, Emily Rose  
Twizere, Danny-Joelle

### DIPLOMA IN GERONTOLOGY

Abbasi, Manal Rizwan  
Abdelgalil, Sarah Abdelgader  
Chaves, Nathan Jonah Maala  
Chik, Daisy  
Fordham, Sydney Anna †  
Grewal, Gurleen  
Gul, Arooba \*  
Ijaz, Hajra  
Kathiravel, Anusha  
Lin, Connie  
Malik, Mariam  
Mawdsley, Amelia Elizabeth  
Mokbel, Aseel  
Naoum, Andrew  
Perry, Rebecca Catherine Anne  
Shahbaz, Tehniyat

### DIPLOMA IN HEALTH HUMANITIES

Sinclair, Elizabeth Rosa

### DIPLOMA IN JAPANESE LANGUAGE I

Su, Yuqing

### DIPLOMA IN KOREAN LANGUAGE I

Lagunarajan, Jehanee  
Lu, Yong Yin

### DIPLOMA IN SPANISH LANGUAGE I

Botelho, Milena Tomas

### DIPLOMA IN SUSTAINABILITY

Faisal, Manaal  
Zimmerman, Jagger Richard

### CERTIFICATE IN CO-OPERATIVE EDUCATION IN RESEARCH

Nasir, Huda Jamal  
Shahbaz, Tehniyat  
Shaik, Afrah Mohammed  
Venugopalan, Luxiya  
Vigneswary, Sharmi

### CERTIFICATE IN EXPERIENTIAL EDUCATION

Covemaeker, Lauren Hannah  
Kaur, Simran  
Nandakumar, Roshne  
Nardi, Natalie Alesia  
Sivakumar, Jeyaledsumi

### CERTIFICATE IN GLOBAL EXPERIENCE

Shaik, Afrah Mohammed  
Tao, Zan

\* – Distinction  
† – Dean's Honours

# Outstanding achievements

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## MEDALS AND AWARDS

### GOVERNOR GENERAL’S ACADEMIC GOLD MEDAL

Highest standing in a doctoral program  
Fasih Rahman

### GOVERNOR GENERAL’S ACADEMIC SILVER MEDAL

Highest standing in an  
undergraduate degree program  
Emiko Okamoto Arshad

### THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL

Outstanding academic achievement  
Shreya Chatterjee

## DEPARTMENTAL AWARDS

### Distinguished academic achievement

Kinesiology and Health Sciences  
Emiko Okamoto Arshad

Recreation and Leisure Studies  
Jennifer To (Fall 2024)

School of Public Health and Health Sciences  
Shreya Chatterjee

# Waterloo brings home the gold

*Alumni Gold Medal recipients share in the pursuit of discovery, so we created a lasting symbol to honour their achievements.*

Since 1970, Alumni Gold Medals have graced the convocation gowns of our top undergraduate and graduate students. The Royal Canadian Mint produced these medals in the past – but in the true spirit of Waterloo, we’ve decided to make them ourselves.

Carefully crafted on campus in state-of-the-art labs, each medal is created out of nickel superalloy using a 3D printer. The surface is finished by hand to produce a brilliant shine. Through the process of electroplating, the medal is then coated in 24-carat gold. The result is a tribute to Waterloo’s most accomplished graduates, made for each proud recipient by members of the University community.



GO INSIDE THE LAB AT  
[uwaterloo.ca/alumni/alumni-gold-medals](https://uwaterloo.ca/alumni/alumni-gold-medals)

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**CONGRATULATIONS TO THIS YEAR’S ALUMNI GOLD MEDAL RECIPIENTS.  
YOU HAVE MUCH TO CELEBRATE, AND EVEN MORE TO ANTICIPATE  
IN YOUR FUTURE AS UNIVERSITY OF WATERLOO ALUMNI.**

# *Our tradition of regalia*

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## **THE GOWN**

At the University of Waterloo, as at most universities, academic robes are worn only on these special occasions. In the Middle Ages, robes were everyday clothing, and some students were so poor they had nothing else to wear. The black wrapper now called a “gown” served them as jacket, coat and sometimes bedclothes. Stone college buildings of the Middle Ages were unheated and the colourful “hood” could be pulled up to help keep out the cold wind. Today, the officers of the University, faculty members and graduating students all wear garments that are symbolic, not functional.

The scholars and students in long-ago universities were generally monks and other members of church orders. Over time, their vestments came to identify their universities. There are many variations, and the exact hood, gown or hat worn by an individual are determined by the university where they qualified. The array of colours and styles demonstrates the worldwide range of universities from which Waterloo’s faculty have come.

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## **THE HOOD**

Hoods are unique in design and colour to each degree and each university. The academic dress chosen for Waterloo is patterned after that of Oxford, the world’s oldest English-speaking university. The chief officers on the convocation platform – the chancellor (the ceremonial head of the University) and the president (who is also vice-chancellor) – wear gowns of the Oxford cut and trim, each with its own distinctive colour. The gowns worn by recipients of honorary degrees have the same design, as do the black gowns worn by candidates for regular degrees, and the red-and-green gowns which are Waterloo’s regalia for Doctor of Philosophy degrees.

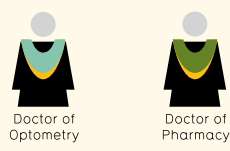
The ritual at convocation reflects the old custom that anyone in a university could wear a gown, but a hood was the symbol for a degree.

# Academic dress

## BACHELOR'S



## PROFESSIONAL DOCTORATE



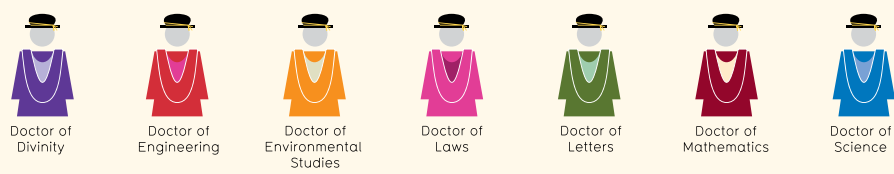
## MASTER'S



## DOCTORAL



## HONORARY DOCTORATE





# CONVOGATION



[uwaterloo.ca](http://uwaterloo.ca)

[#uwaterloograd](https://twitter.com/uwaterloograd)