



ONE HUNDRED AND THIRTIETH CONVOCATION

CONVOCATION

**FRIDAY
JUNE
13
2025**

FACULTY OF SCIENCE
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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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

**“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.”**

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

**“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

**“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

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.

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."

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.

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.

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."

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.

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.



“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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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

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.

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



MORNING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF SCIENCE

Graduate degrees

DOCTOR OF PHILOSOPHY

Ali, Sura (Biology)

“Discovery and Characterization of Novel Biofilm-Associated Proteins in *Pseudoalteromonas Tunicata*”

Beaver, Rachel Catherine (Biology)

“Microbiology of Bentonite Clay Relevant to a Deep Geological Repository for Used Nuclear Fuel”

Cadonic, Ivan Gregory (Biology)

“Ploidy Impacts the Response of Chinook Salmon (*Oncorhynchus tshawytscha*) to Pathogen and Thermal Stress”

Kinney, Carson (Earth Sciences)

“Heat Production and Transfer in Earth’s Continental Crust”

McKnight, Michelle Marie (Biology)

“Microbial Ecology of Nitrification in Engineered Water Treatment Systems”

Neary, Laura Kendall (Biology - Water)

“Development and Application of Aquatic Ecosystem Monitoring Approaches for the Peace-Athabasca Delta and Whooping Crane Nesting Region of Wood Buffalo National Park”

Sauk, Alexandra Helena (Biology)

“The Evolutionarily and Ecological Factors That Shape Ectoparasite Populations and Communities at Multiple Scales”

Scorsolini, Ludovico Giovanni (Earth Sciences)

“Tectonic Evolution of the Baie Verte Margin, Newfoundland”

Van Dyk, Adrian William (Biology)

“Glyphosate as a Source of Phosphorus for Bacteria: Selection of an Enrichment Culture for Glyphosate Degradation, and Analysis of the C-P Lyase Pathway”

Kowalczyk, Sarah Jane (Biology - Water)

Lei, Benjamin (Earth Sciences)

Luc, Jessica (Biology)

McPhedran, Bronte Ella (Biology)

Miller, Austin Joseph (Earth Sciences)

Miller, Brianna Lynn (Earth Sciences)

Piticaru, Benjamin David (Biology)

Tan, Huagang (Biology)

Valero, Anna Maria (Biology)

Watson, Meredith Claire (Biology - Water)

Wu, Jiayi (Biology)

GRADUATE CERTIFICATE

McParland, Decla Susan (University Teaching)

MASTER OF SCIENCE

Ahmadi, Parisa (Biology)

Alshehabi, Yasmeen (Biology)

Cornell, Calvin Alexander (Biology)

Drew, Kian Leonard (Earth Sciences)

Henry, Sabina Iris (Biology)

Hewitt, Kristen Nicole (Biology)

Imran, Arisha (Biology - Water)

Undergraduate degrees

BACHELOR OF SCIENCE

GENERAL SCIENCE – THREE YEAR

Anthony, Angela [†]

Asma, Khaulah (Psychology Minor) *

Babalola, Tioluwani

Bian, Chenze

Chang, William Y (Combinatorics
and Optimization Minor)

Chen, Zi

Chow, Chi Shing Enders

Church, Markus Temujin

Donaldson, Ella Yvonne (Physics
Minor, Social Development Studies
Minor)

Eidt, Mathew James

Elbagoury, Yasmeen Mohamed

Emery, Sierra Dawn Elizabeth

Fahmy, Yara Waleed (Chemistry
Minor)

Fan, Zhe [†]

Farag, Mohamed Ayman

Faroun, Laila Issa (Biology Minor)

Ghai, Rishaan (Economics Minor)

Graff, Rebecca Lynn

Guirguis, Ather

Han, Jason

Hyder, Shazaib

Iyer, Aumkaar Ganesh

Jeon, Seongwon

Khilji, Abdul Nafay

Kmets, Julia (Biology Minor)

Lewis, Ronald Carlton (Physics
Minor, Applied Mathematics Minor)

Mcdonald, Sean William (Biology
Minor) *

Miao, Stanley Jinbo (Physics Minor,
Applied Mathematics Minor) [†]

Mistry, Om

Mogas-Mendes, Karen *

Nicolass, Moses Jonathan

Nie, Zikun

Onn, Lillian Clara

Patel, Prayag (Biology Minor)

Patel, Raj Yogeshkumar *

Patel, Vitsu Vinesh

Ransberry, Rachel Rita

Ravishankar, Akshan (Psychology
Minor) *

Roumia, Miriam (Earth Sciences
Minor)

Saini, Saaheb Singh

Salim, Khalif Altaf

Shakya, Tanisha

Sidhu, Ravneet Kaur

Simich, Sofia Claire (Biology Minor)

Sodhi, Jasleen

Talabi, Omowonuola Sarah

Thomas, Megan Taylor (Psychology
Minor)

Truong, Linda (Gerontology Minor,
Biology Minor)

Vero, Samantha Elizabeth

Wang, Lan

Wells, Grace Sara

Wright, Antonio

Zhu, Jennifer Ya Xuan [†]

HONOURS BIOLOGY

Avneet Kaur (Biotechnology
Specialization/Bioinformatics
Option – Co-operative Program) [†]

Amin, Erina

Azeez, Sherry Rehanna

Barrera, Kyla Grace Guillermo
(Medical Physiology Minor –
Co-operative Program)

Binning, Jesse Singh [†]

Blair, Rowan (Biology & Joint
Honours Psychology – Co-operative
Program)

Botkin, Emily Sarah-Marie (Animal
Biology Specialization –
Co-operative Program)

Bowman, Danya Christine [†]

Chan, Chloe Suet Yee
(Biotechnology Specialization –
Co-operative Program) *

Chen, Yunjie (Biology & Joint
Honours Mathematics)

Cheng, Nathan Ignatius
(Microbiology Specialization –
Co-operative Program) *

Chenthivelnathan, Narein
(Environmental Biology
Specialization – Co-operative
Program) [†]

Danieli, Julia Grace Carvalho

(Biology – Microbiology
Specialization & Joint Honours
Philosophy – Co-operative Program)

De Tullio, Matthew Louis
(Co-operative Program) *

Eisen, Alexandra Brooke
(Cell and Molecular Biology Option –
Co-operative Program) *

Ghattas, Fady George Louis Labib
(Co-operative Program) [†]

Ghinea, Alexandra Denise (Medical
Physiology Minor)

Guo, Sicheng (Bioinformatics
Option – Psychology Minor)

Hà, Bùi Ngọc Vân (Co-operative
Program)

Halime, Hayya (Chemistry Minor –
Co-operative Program) *

Haq, Zobia (Bioinformatics Option –
Medical Physiology Minor) [†]

Heslip, Zoe Lynn Mackenzie
(Molecular Genetics
Specialization – Psychology
Minor – Co-operative Program) *

Iancu, Nicoleta Irina (Co-operative
Program) *

Islam, Tahsin (Molecular Genetics
Specialization – Co-operative
Program)

Jeyanth, Cayally (Psychology Minor)

Khan, Areeb

Khatrri, Joshua Arbindra Kyle Codilan
(Molecular Genetics Specialization –
Co-operative Program) [†]

Khosa, Heyadeep Kaur

Kim, Asher Hea-Jung [†]

Kolen, Camille Breanne
(Anthropology Minor) *

Kuzemchuk, Zoë Ariel Robson
(Microbiology Option)

Lin, Benjamin Yiu Jong [†]

Lin, Yuhan (Bioinformatics Option –
Co-operative Program)

Lingamaneni, Ratna Varshita
(Co-operative Program)

Lu, Zixin (Psychology Minor –
Co-operative Program) [†]

MacLean, Bridget Mary
(Co-operative Program) [†]

Maniccia, Isaac

* – Distinction

[†] – Dean's Honours

Marzbanrad, Zahra (Medical Physiology Minor, Psychology Minor) *

McKee, Ethan Alexander (Molecular Genetics Specialization/ Bioinformatics Option)

Murgovska, Vasilija †

Murphy, Peter Richard (Co-operative Program)

Nguyen, Felicia Mai-Trinh (Microbiology Specialization/Cell and Molecular Biology Option – Co-operative Program) *

Paul, Rajosree (Medical Physiology Minor, Human Nutrition Minor – Co-operative Program)

Perez Kokhan, Katerina Laura (Co-operative Program) *

Pianta, Thomas Paul (Animal Biology Specialization – Co-operative Program) †

Pirapakaran, Abishan (Bioinformatics Option – Co-operative Program) *

Rahmani, Syed Ameer

Randhawa, Simran (Co-operative Program) *

Richard, Emilie Stanistawa (Molecular Genetics Specialization – Management Studies Minor – Co-operative Program) †

Rodríguez Hernández, Vanessa Yaneys (Biotechnology Specialization/Cell and Molecular Biology Option – Co-operative Program)

Saidzada, Khadija

Sekander, Ramisa Ajmine

Selventhiran, Pavithiraa (Medical Physiology Minor – Co-operative Program)

Sharma, Vidhi (Bioinformatics Option – Co-operative Program) *

Sivatheesan, Mathumy (Animal Biology Specialization – Co-operative Program)

Sohn, Ji Won

Stapells, Victoria Gail (Co-operative Program)

Tam, Charis Hei Lam (Environmental Biology Specialization – Psychology Minor – Co-operative Program) *

Trinh, Michelle (Bioinformatics Option – Economics Minor – Co-operative Program) †

Uppal, Raveena Kaur

Vijayakumaran, Aksheya †

Wang, Shawn *

Wong, Madeline Lorraine *

Woudsma, Avary Grace (Biotechnology Specialization – Co-operative Program) *

Xu, Qing Yang *

Zhang, Xinyue (East Asian Studies Minor – Co-operative Program)

HONOURS BIOMEDICAL SCIENCES

Abidi, Syed Murtaza (Medical Physiology Minor) †

Abouzeeni, Yasmeen †

Andress, Eric

Au, Curtis Ray *

Beauts, Anastasia (Medical Physiology Minor)

Bosnić, Luka (Medical Physiology Minor)

Brockerville, Kaylee Marie *

Byrne, Cassandra Grace (Human Nutrition Minor)

Carroll, Joseph Fermanov Alexander

Chen, Jacob Syhao †

Chen, Yu

Cheung, Avelyn (Computing Minor) †

Datta, Harshit *

Dhesi, Tarndeeep (Medical Physiology Minor) †

Ding, Hanwen

Drager, Emma Renée *

Fayyaz, Razeen Kamran (Medical Physiology Minor, Psychology Minor) †

Fung, Renee Venus (Medical Physiology Minor) †

Gilson-Deer, Megan (Psychology Minor)

Guled, Aisha Bashir

Hallman, Jacob Konrad Blythe (Psychology Minor, Medical Physiology Minor) †

Hu, Kelly Jiayi *

Ifeadi, Pearl (Medical Physiology Minor)

Ivanović, Dina (Medical Physiology Minor) †

Jeyaseelan, Nilani

Kalaria, Janki Anilkumar (Medical Physiology Minor) †

Kim, Helen (Bioinformatics Option) †

Ku, Darryl *

Kumar, Ashish †

Lain, Jared Isaac

Lee, Ryan Jade †

Lee, Salman Tin-Ho (Medical Physiology Minor) *

Levac, Alexandra Love *

Li, Yunlan (Biomedical Sciences & Joint Honours Mathematics)

Ling, Hoi Tin Skye (Medical Physiology Minor) †

MacDonald, Emma Elizabeth *

Mack, Devin Andrew (Chemistry Minor)

Maes, Celina Viviane Cruz *

Maluckov, Teodora (Medical Physiology Minor) *

Manku, Emmitt †

McNeilly, Rebecca Gail

Merry, Julianna Margaret (Psychology Minor) †

Michalarias, Thalia

Morris, Jacob Robert (Cell and Molecular Biology Option)

Musa, Mawahib (Psychology Minor)

Nairn, Daniel Graham (Medical Physiology Minor) †

Ng, Trevor Chi-Ho (Human Nutrition Minor)

Nguyen, Christina An *

Notani, Krishi Yogesh (Medical Physiology Minor) †

Ogundipe, Oluwatifunmi Danielle †

Pandya, Khushi Keyurbhai †

Papalambropoulos, Ariana (Chemistry Minor) *

Park, Sue-Young Natalie (Medical Physiology Minor) *

Patel, Preet (Computing Minor)

Patel, Shaily Saurin (Medical Physiology Minor)

Payne, Ashley Morgan (Psychology Minor)

Perry, Rebecca Catherine Anne (Medical Physiology Minor) †

Peters, Abigail Melody (Psychology Minor) †

Peterson, Ayrial Jaid

Pisani, Michaela Domenica (Psychology Minor) *

Pliszka, Emilia (Psychology Minor) †

Porter, Sarah Louise

Ramanan, Shanjith †

Rejep, Andrea Jessica

Sandhu, Jupneet Kaur

Santos, Jose Joachim Inigo Ponferrada (Chemistry Minor) *

Sennaoui, Rayane

Shannon, John Anthony (History Minor) *

* – Distinction
† – Dean's Honours

Shi, Vivian †

Shi, Zhong Yong †

Shin, Ujin †

Steingart, Conner Michael

Sun, Yuning *

Thavarajah, Meera (Medical Physiology Minor) †

Thorpe, Nolan Jeffrey (Medical Physiology Minor)

Tsiang, Natasha

Van Der Zyl, Lily Emma (Medical Physiology Minor) *

Voll, Samantha Dawn

Wang, Ming Hao *

Wasim, Aisha †

Watters, Vanessa Margaret †

Zhou, Flora *

HONOURS EARTH SCIENCES

Baker, Oliver (Geology Specialization – Co-operative Program) *

Clay, Olivia Ann Kays (Geology Specialization – Chemistry Minor – Co-operative Program) †

Coughlin, Quinn Daniel (Geophysics Specialization – Co-operative Program)

Curtis, Madison Danielle (Geology Specialization – Co-operative Program)

Gareau, Jessica Magdalena (Geology Specialization) *

Jiang, Zhengchao (Geophysics Specialization)

Jutras, Nicholas Michael (Geology Specialization – Co-operative Program)

Mannella, Jason Ralph (Geology Specialization – Co-operative Program)

McGarvey, Nathan Neil (Geology Specialization – Chemistry Minor)

Pang, Chenghao (Geophysics Specialization)

Pickering, Cooper Gregory (Hydrogeology Specialization) *

Ramey, Michael Austin (Geology Specialization – Co-operative Program) *

Roth, Mason Cameron (Geology Specialization)

Ruppert, Isabella (Geology Specialization – Co-operative Program) *

Siembida, Timothy Frederick Henry (Geophysics Specialization)

Spagnolo, Joseph Louis (Hydrogeology Specialization – Co-operative Program)

Voisin-Roewade, Jacqueline Claire (Geology Specialization) †

HONOURS ENVIRONMENTAL SCIENCES

Au-Yeung, Ivan (Ecology – Co-operative Program) †

Baskin, Madison Taylor Anne (Geoscience Specialization – Co-operative Program)

Bularan, Jose Benjamin Catubig (Ecology – East Asian Studies Minor) †

Cai, Haocheng (Water Science Specialization)

Cayabyab, Celina Manalese (Geoscience Specialization – Co-operative Program)

Chen, Boyu (Water Science Specialization)

Chen, Junru (Water Science Specialization)

Chen, Mengyuan (Water Science Specialization) †

Chen, Yi (Water Science Specialization)

Chen, Yue (Geoscience Specialization)

Colibaba, Griffin James (Ecology – Co-operative Program) *

DeBoer, Ashlyn Jennifer (Ecology – Earth Sciences Minor – Co-operative Program) †

Deng, Yuanyin (Water Science Specialization) †

Dobrik, Molly Jane Zhu Daer (Ecology – Co-operative Program) †

Doucette, Patrick Thomas (Geoscience Specialization – Co-operative Program)

Du, Jiaming (Water Science Specialization) *

Feng, Maoyue (Water Science Specialization)

Feng, Xi (Water Science Specialization) †

Ferguson, Tara Marie (Ecology – Co-operative Program) †

Forte, Michael John (Geoscience Specialization – Co-operative Program) *

Frizell, Alex Michael (Geoscience Specialization)

Guo, Ziyao (Water Science Specialization)

He, Jinwei (Water Science Specialization)

Heo, Yoon Suh (Geoscience Specialization) †

Hoogstra, Jack Thaddeus (Ecology – Co-operative Program) *

Horn, Halle Lynn (Water Science Specialization – Co-operative Program)

Huang, Yifei (Water Science Specialization)

Kim, Jiae (Ecology – Co-operative Program)

Li, Qingying (Water Science Specialization)

Li, Shuxian (Water Science Specialization) †

Li, Xin (Water Science Specialization) †

Li, Yongqi (Water Science Specialization)

Li, Zhuohang (Water Science Specialization)

Lin, JinTao (Water Science Specialization) *

Liu, Guanhao (Water Science Specialization)

Liu, Xinyang (Water Science Specialization)

Long, Sicheng (Water Science Specialization)

Luo, Xinyang (Water Science Specialization)

Mironova, Kristina (Geoscience Specialization – Biology Minor – Co-operative Program) *

Pianosi, Nicholas Joseph (Ecology – Co-operative Program) *

Sima, Zihe (Water Science Specialization) †

Stark, Emmaline Piper (Ecology – Co-operative Program) *

Stewart, Nicolas James (Geoscience Specialization – Co-operative Program)

Tian, Qinhao (Water Science Specialization)

Tomar, Ipshita (Ecology – Co-operative Program) †

Wang, Haoyu (Water Science Specialization)

Wang, Siheng (Water Science Specialization)

Weatherson, Hannah Marina Joy (Water Science Specialization – Co-operative Program) †

Wildeman, Benjamin David (Water Science Specialization – Co-operative Program)

Wu, Qi (Water Science Specialization)

* – Distinction

† – Dean's Honours

Xie, Jincheng (Water Science Specialization)

Xie, Ningwei (Water Science Specialization)

Xie, Zhiyou (Water Science Specialization)

Yang, Chenghao (Water Science Specialization)

Yuan, Lingyi (Water Science Specialization) †

Zelenyt, Emily Carolyn (Geoscience Specialization – Biology Minor – Co-operative Program) *

Zhang, Baiming (Water Science Specialization)

Zhang, Genglin (Water Science Specialization) *

Zhang, Yifan (Water Science Specialization)

Zhang, Zhumiao (Water Science Specialization) †

Zhao, Xuanhao (Water Science Specialization) *

Zhao, Yikun (Water Science Specialization)

Zheng, Yipeng (Water Science Specialization) *

Zhou, Jennifer Jinyuan (Ecology – Co-operative Program) †

Zhou, Keyan (Water Science Specialization)

Zhou, Yishan (Ecology – Co-operative Program) †

Zhu, Jingxiang (Water Science Specialization – Co-operative Program)

Zhu, Rui (Water Science Specialization) *

Zhu, Siyi (Water Science Specialization – Co-operative Program) *

Zuo, Caixin (Water Science Specialization)

HONOURS GEOCHEMISTRY

Jenkins, Tia Maria

HONOURS SCIENCE

Abdulsayed, Mariam (English Language and Literature Minor, Biology Minor) †

Abid, Lyutha (Biology Minor)

Afzaal, Imaan Umar (Biology Minor) *

Al Hafi, Laseen (Biology Minor) †

ARANGO, MIGUEL A (Economics Minor)

Aravienthan, Vithushan (Biophysics Minor)

Aravindabose, Aizswarna (Biology Minor)

Asif, Rameen (Biology Minor) *

Azarmenesh Mahjoobi, Soren (Biology Minor)

Barat, Samia Sadia (Chemistry Minor, Psychology Minor)

Barfoot, Gage Anson

Bien, Anna Jolanta (Biology Minor) †

Borho, Sophie Willa

Brown, Michael Mackenzie (Biology Minor)

Caires, Alexander Furtado (Physics Minor, Computing Minor)

Carvalho, Precilla Ann (Biology Minor, Chemistry Minor, Psychology Minor)

Castillo, Samantha Kate (Biology Minor)

Chowdhury, Maha Nader (Bioinformatics Option – Biology Minor)

Dawkins, Dennelle Addyson (Biology Minor)

Degraauw, Sydney Kathrine Elizabeth Lei Lei (Medical Physiology Minor) †

Deonarine, Anisha (Biology Minor, Earth Sciences Minor)

Dessureau, Emilie Yen Minh (Biophysics Minor, Technical Writing Minor)

Dhindsa, Harjas Kaur (Biology Minor) *

Essibrah, Hannah Aseda (French Minor, Biology Minor)

Funston, Daniel James (Astrophysics Minor)

Ghuman, Meher (Biology Minor)

Graham, Chelsea Ann (Medical Physiology Minor) †

Grondin Wagers, Willow Bay

Ha, Jenny Ly (Biology Minor)

Hajjar, Melanie (Biology Minor, French Minor) †

Hercules, Alexis Nicole (Biology Minor)

Ho, Jessie (French Minor)

Ho, Katelyn Ka-Yan (Biology Minor)

Hogg, Rachael Ann-Marie (Biology Minor)

Honchar, Cole Matthew (Earth Sciences Minor)

Huang, Vicki (Psychology Minor)

Ihsan, Zainab (Classical Studies Minor) *

Ioannou, Stelios (Biology Minor)

Ireland, Bryce James (Medical Physiology Minor, Psychology Minor)

Jayarathne, Kevin Mathishe (Biology Minor, Anthropology Minor)

Jean, Megan Alina (Biology Minor, French Minor) †

Kalsli, Lana (Biology Minor)

Kang, Chaeyun (Biology Minor)

Kim, Seojin (Biology Minor)

Kim, You Bin (Biology Minor) *

Lam, Alexis †

Lee, James Kar Lam

Li, Audrey Yufei

Loughran, Lindsay Nicole (Medical Physiology Minor)

Luong, Dang Hoang

Luu, Kristy

MacDonald, Erika Astrid (Biology Minor) *

Madorin, Carter Michael (Biology Minor) †

Magar Brown, Jaden Michael (Chemistry Minor, Biology Minor)

Malik, Aliyah (Psychology Minor, Biology Minor)

Masi, Noah Vito Antonio (Medical Physiology Minor)

Mathers, Sarah Beatrice (Environment, Resources and Sustainability Minor, Biology Minor) †

Mccarthy, Kassidy Lynn (Biology Minor, Psychology Minor, Entrepreneurship Minor) *

Mehmood, Zainab (Biology Minor)

Meloche, Paige Erica (Biology Minor)

Milligan, Jared Thomas (Human Nutrition Minor, Biology Minor) †

Miret, Daniel Roger Alexander (Computing Minor, Physics Minor)

Mohamed, Nafiso Mahad (Biology Minor, Psychology Minor) *

Momson, Eniola Oreoluwa Dorathy (Biology Minor) †

Muneer, Fatima (Biology Minor)

Nachnani, Ronit (Management Studies Minor) *

Nalewajko, Victoria Livia (Biochemistry Minor)

Nandrajog, Shubhee (Biology Minor) †

Nguyen, Linda Thi Thu Huong (Psychology Minor, Biology Minor)

Noor, Aleena (Biology Minor) *

Ohri, Vishnu (Biology Minor) *

Oishi, Rifah Tasnia (Biology Minor, Legal Studies Minor) *

Osman, Maymun Abdulkadir

* – Distinction

† – Dean's Honours

Palermo, Guido Antonio Dominico (Biology Minor)

Paquette, Kailey Amber (Biology Minor) †

Paquette, Lucas Taylor (Biology Minor) *

Park, Ju Hyeon (Biology Minor)

Patel, Aneri Vijaykumar (Biology Minor) †

Patel, Karan Alpeshkumar (Biology Minor)

Patel, Khushiben Jagdishbhai

Patel, Param S (Biology Minor)

Patel, Shakshi Kaushik (Biology Minor)

Patel, Tanvi Manisha

Pathak, Pal Jwalant (Biology Minor) †

Pathirane, Kavisha Gayanthi (Psychology Minor, Biology Minor) *

Phan, Khoa (Biology Minor) †

Pua-Tumaliuan, Tristan Pua (Biochemistry Minor)

Punsalan, Emily Noelle (Biology Minor)

Rai, Celina (Biology Minor)

Roberge, Kyle (Earth Sciences Minor, Biology Minor)

Robinson, Jacob Daniel (Medical Physiology Minor) *

Sankar, Jonathan Isaiah (Earth Sciences Minor)

Sefton, Kathleen Victoria (Biology Minor, Psychology Minor) †

Shaikh, Asima Attaullah (Biology Minor, Geography and Environmental Management Minor)

Shaily, Apoorva (Biology Minor)

Shampriti, Momitu (Chemistry Minor)

Sheikali, Marian Mahamud

Shevchenko, Elizaveta (Biology Minor)

Singh, Tanveer *

Sran, Arshdeep Kaur (Biology Minor)

Suppel, Arshdeep Singh

Tahir, Fatima (Biology Minor)

Tang, Brandon (Earth Sciences Minor)

Tawfick Andraous, Maria

Thai, Victoria Ngoc (Biology Minor) †

Uthayachandran, Rathisa (Biology Minor)

Vijayakumar, Vithiya (Biology Minor) †

Vijayaranjan, Aharapy (Biology Minor, Geography and Environmental Management Minor) *

Wong, Jasmin

Wu, Nathan

Xing, Rebekah Enmei (Bioinformatics Option – Biology Minor)

Xiong, Zhaoning (Earth Sciences Minor)

Xu, Feifan

Yavari, Kayvan (Science & Joint Honours Knowledge Integration – Biology Minor) †

Yeboah, Cherilyn Irene

Zabeen, Munira (Biology Minor) *

Zaid, Tahseen Binte (Psychology Minor, Biology Minor)

Zhai, Yujia

Zhang, Edward Nian (Biology Minor)

Zhou, Emily

HONOURS PSYCHOLOGY

Alaboodi, Zahra (Co-operative Program)

Alhadidi, Natali Amer Marwan (Co-operative Program) †

Al-Uqaili, Sara Emily (Biology Minor)

Anand, Mihira (Biology Minor) *

Ayekun, Ikeoluwa Ashling (Biology Minor) †

Azim Wong, Hayden Trevor (Co-operative Program) †

Bal, Simran (Biology Minor – Co-operative Program) *

Befekadu, Brooke (Biology Minor)

Bhullar, Ashpreet Kaur (French Minor – Co-operative Program)

Che, Samuel Ho-Ming (Medical Physiology Minor)

Choi, Ena Millenia

Crawford, Ella Marie (Neuroscience Minor) †

Cyclewala, Shireen Salim (Biology Minor)

Dave, Ishanee Krushang (Biology Minor – Co-operative Program) *

Eng, Karen Jin Ting (Management Studies Minor, Computing Minor – Co-operative Program) †

Ennett Martinez, Ivanna Cristina (Biology Minor – Co-operative Program)

Esa, Moneka Kamal Gerges Shenoda †

Gandhi, Sanjana Harsha (Co-operative Program) *

Graham, Jennifer Helen (Biology Minor – Co-operative Program) †

Grover, Deevya *

Guo, Kaixin (Biology Minor – Co-operative Program)

Ismaeil, Sundus (Biology Minor – Co-operative Program) †

Jang, Sujie

Jeyamohan, Nalini (Biology Minor – Co-operative Program) *

Kahlon, Kashish (Addictions, Mental Health and Policy Minor – Co-operative Program) *

Kehl, Julia Mary (Co-operative Program) †

Khan, Yusra Jawed (Biology Minor) †

Khuu, Caleb Rhys

Kim, You Jin (Biology Minor) *

Knetsch, Aliyah Nadia (Biology Minor – Co-operative Program) *

Kohli, Nandini (Biology Minor)

Lam, Rachel (Human Resources Management Minor – Co-operative Program) †

LeDrew, Maxime Guillaume

Lee, Meagan Mun Yee (Biology Minor – Co-operative Program) †

Lin, Jia Qi

Lovegrove, Rebecca Dorothy (Biology Minor) *

Mackenzie, Mia Delphine (Biology Minor) †

Matthews, Molly Frances (Biology Minor, Legal Studies Minor – Co-operative Program) †

Mawdsley, Amelia Elizabeth (Biology Minor – Co-operative Program) *

Mazen, Mariam (Co-operative Program)

McMahon, Erin Lynnay *

Pasqualini, Daniela (Biology Minor – Co-operative Program) *

Pearson, Lauren Marie (Biology Minor – Co-operative Program) †

Powel, Kezia Grace (Anthropology Minor, Biology Minor)

Rajendram, Saranka (Biology Minor) *

Redway-Ziola, Solana Rose (Co-operative Program) *

Sabo, Alyssa (Economics Minor – Co-operative Program) †

Sandhu, Reet (Biology Minor)

Scragg, Morgan Leigh (Biology Minor – Co-operative Program) †

Seliner, Belinda (Medical Physiology Minor)

Singh, Kudrat (Medical Physiology Minor – Co-operative Program) *

Smith, Kyle Lyon Bruce (Cognitive Science Minor)

* – Distinction

† – Dean's Honours

Sokhal, Puneet (Biology Minor,
Legal Studies Minor – Co-operative
Program) †

Tadić, Ema (Medical Physiology Minor)

Vento, Olivia (Medical Physiology
Minor – Co-operative Program) †

Wang, Tongyu (Biology Minor –
Co-operative Program)

Wang, Yi Qiu †

Wang, Yue (Biology Minor) †

Wei, Siyuan (Biology Minor –
Co-operative Program)

Wupradrishta, Ramya (Co-operative
Program)

Younesi, Amy Delia (Biology Minor) †

Zhang, Eric (Biology Minor –
Co-operative Program) †

**DIPLOMA IN APPLIED LANGUAGE
STUDIES**

Hà, Bùi Ngọc Vân

DIPLOMA IN CHINESE LANGUAGE I

Halime, Hayya

DIPLOMA IN CREATIVE WRITING

Eisen, Alexandra Brooke

**DIPLOMA IN ECOLOGICAL
RESTORATION AND REHABILITATION**

DeBoer, Ashlyn Jennifer

**DIPLOMA IN ENVIRONMENTAL
ASSESSMENT**

Cayabyab, Celina Manalese

DIPLOMA IN FRENCH LANGUAGE I

Lu, Zixin
Wong, Madeline Lorraine

DIPLOMA IN FRENCH LANGUAGE II

Azeez, Sherry Rehanna
Beauts, Anastasia
Binning, Jesse Singh
Drager, Emma Renée
Mehmood, Zainab
Uthayachandran, Rathisa
Wang, Shawn
Yavari, Kayvan

DIPLOMA IN GERMAN LANGUAGE

Wong, Madeline Lorraine

DIPLOMA IN GERONTOLOGY

Perry, Rebecca Catherine Anne

DIPLOMA IN JAPANESE LANGUAGE I

Lin, Benjamin Yiu Jong
Xu, Feifan

DIPLOMA IN KOREAN LANGUAGE I

Wang, Shawn
Zhang, Edward Nian

DIPLOMA IN SPANISH LANGUAGE I

Graham, Chelsea Ann
Wang, Shawn
Xu, Qing Yang

DIPLOMA IN SUSTAINABILITY

Chenthivelnathan, Narein
McGarvey, Nathan Neil
Shaikh, Asima Attaullah
Thomas, Megan Taylor

**CERTIFICATE IN CO-OPERATIVE
EDUCATION IN RESEARCH**

DeBoer, Ashlyn Jennifer
Graham, Jennifer Helen
Matthews, Molly Frances
Mawdsley, Amelia Elizabeth

**CERTIFICATE IN
EXPERIENTIAL EDUCATION**

Abouzeeni, Yasmeen
Azeez, Sherry Rehanna
Barat, Samia Sadia
Fung, Renee Venus
Graham, Chelsea Ann
Grover, Deevya
Maniccia, Isaac
Mehmood, Zainab
Ogundipe, Oluwafifunmi Danielle
Patel, Shakshi Kaushik
Seliner, Belinda
Shi, Vivian
Vero, Samantha Elizabeth
Zhou, Flora

* – Distinction
† – Dean’s Honours



AFTERNOON CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF SCIENCE

Graduate degrees

DOCTOR OF PHILOSOPHY

Abdallah, Ahmed Abdelrahman

Hefny (Pharmacy)

“Design, Synthesis, and Biological Evaluation of Novel Phenoselenazine Derivatives as Amyloid Aggregation Inhibitors”

Bao, Songhao (Chemistry)

“Developing Quantum Field Theoretical Computational Methods for Quantum Dynamics and Statistical Mechanics Simulations in Quantum Chemistry”

Chen, Yushao (Physics)

“Analytical and Computational Studies of Quasi-1D Spin Models”

Dailey, Conner Burke (Physics)

“On the Initial Boundary Value Problem in Numerical Relativity”

Dhaliwal, Khushmeet Kaur (Physics)

“Neurovascular Coupling in Healthy Human Retina Evaluated With Optical Coherence Tomography”

Dideron, Guillaume (Physics)

“Studying Unmodeled Physics From Gravitational Wave Data”

Fernandez, Joanne Amanda

(Chemistry)

“Grafting of Starch Nanoparticles with Polymers”

Gupta, Naman Kumar (Physics)

“Time-Resolved and Equilibrium Resonant X-Ray Studies of Nematicity in Cuprate Superconductors”

Ibrahim, Alexander (Physics)

“Path Integral Monte Carlo Simulations of Solid Parahydrogen Using Many-Body Interaction Potentials”

Kochetkov, Ivan (Chemistry)

“Multi-Pronged Analysis of Secondary Lithium Metal Batteries With Various Cathode Chemistries”

Kotibhaskar, Nikhil (Physics – Quantum Information)

“Towards Large Scale Quantum Simulations With Trapped Ions: Programmable XY Model, Precise Light Sensing, and Extreme High Vacuum”

Lee, Tsun Hei Arthur Enoch

(Chemistry)

“Multi-Dimensional Analysis of Molecular Clusters in the Gas-Phase”

Li, Muzi (Physics)

“A Multi-Phase Analysis of Gas Dynamics and Perturbations in the Galaxy Cluster Cores”

Otchere, Heinz (Vision Science)

“Ocular Effects of Scleral Lens Wear on Dry Eye Patients”

Peters, Evan (Physics – Quantum Information)

“Spectral, Information-Theoretic, and Perturbative Methods for Quantum Learning and Error Mitigation”

Ray, Annie (Physics – Quantum Information)

“Practical Design and Demonstration of Algorithms for Quantum Devices”

Wang, Jin (Pharmacy)

“Harnessing Exosomes From Human Dermal Fibroblasts and Pirfenidone-Exosomes as Innovative Strategies for Scarless Tissue Repair in Wound Healing”

MASTER OF SCIENCE

Babcock, Owen Daniel (Chemistry)

Bouliane, Michael (Physics)

Brutto, Mark Antonio (Chemistry)

Chen, Benny Jun Bin (Chemistry)

Coschizza, Andree Charline

(Physics – Nanotechnology)

Delva, Nyhenflore Hershelle

(Chemistry)

Deng, Naicheng (Physics)

Dizdar, Neo (Physics)

Feng, Lin (Chemistry)

Hopkins, Hans Sebastian (Physics)

Kobarfard, Ali (Chemistry)

Koo, Vanessa (Pharmacy)

Kuchhal, Bharat (Physics – Quantum Information)

Lacroix, Camille (Chemistry – Quantum Information)

Li, Jiayang (Pharmacy)

Li, Yifan (Physics)

Lloyd, Ryan Allan Clarke (Chemistry)

Luo, Ma (Physics)

Marchioni, Justin (Physics)

Mayry, Jonathan David (Chemistry – Nanotechnology)

McKinney, Marisa Ruth (Vision Science)

Moeed, Muhammad Shaeer

(Chemistry – Quantum Information)

Paurevic, Andrija (Physics – Quantum Information)

Rashidi, Sepehr (Physics)

Ratto Velasquez, Amanda Rose (Chemistry)

Ryan, Christopher Robbin

Makanakealoha (Chemistry)

Sothilingam, Rozhannaa

(Pharmacy)

Thompson, Fiona Caroline

(Chemistry – Quantum Information)

Waldie, Alexander Scott (Chemistry)

Yang, Jiayue (Physics)

Undergraduate degrees

BACHELOR OF SCIENCE

HONOURS BIOCHEMISTRY

Alam, Maheen (Co-operative Program)

Arseneault, Cole Branden
(Bioinformatics Option – Co-operative Program)

Bath, Inderpreet Singh †

Bhimani, Sanil Salim (Co-operative Program)

Campbell, Nathan Philip

Canlas, Jessica Aida (Co-operative Program) *

Chan, Bethany Evelyn (Co-operative Program) †

Chang, Emily (Co-operative Program)

Chew, Lauryn Madison
(Co-operative Program)

Cunanan, Earl John Rodulfo
(Co-operative Program)

Di Biasio, Isabella Rose
(Co-operative Program) *

Fairburn, Sam (Co-operative Program) †

Fong, Theodore Gilbert Chow
(Biotechnology Specialization/
Bioinformatics Option – Co-operative Program)

Hall, Emily Jane

Hastoo, Gabriella Marisa
(Co-operative Program) *

Jaberansari, Asal (Biotechnology Specialization – Co-operative Program) †

Kureshi, Yusra (Cell and Molecular Biology Option – Co-operative Program)

Lechner, Shelby Lila (Co-operative Program)

Lelo, Vian Muthafar (Biotechnology Specialization – Co-operative Program)

Llewellyn, Emma Schloesser
(Co-operative Program) †

Louzon, Taylor Emma †

McLachlan, Andrew Dawson
(Co-operative Program) *

Morozova, Alexandra Anastasia
(Co-operative Program) †

Muzenda, Tinotenda (Co-operative Program)

Palermo, Peter Jack (Co-operative Program) †

Panchal, Riya Paresh (Co-operative Program)

Patel, Ashna

Salic, Sandra (Co-operative Program) *

Shivers, Lindsey Rae (Co-operative Program) †

Siddiqui, Zuhair Tauqir
(Co-operative Program) *

Sivaratnam, Asvini Kalaiselvan
(Biotechnology Specialization – Co-operative Program) *

Songsawatwong, Hathapon

Tham, Felix Kai Chi (Biotechnology Specialization/Bioinformatics Option – Co-operative Program) *

Thorpe, Petra Xaria (Co-operative Program) *

Tran, Corrin Nhat Nam
(Bioinformatics Option – Co-operative Program)

Vakharia, Rashne (Co-operative Program) *

Wallace, Heather Lynn
(Co-operative Program) †

Williams, Nicholas Andrea
(Co-operative Program)

Zeng, Chao Xi

Zunic, Cindy (Co-operative Program) *

HONOURS BIOLOGICAL AND MEDICAL PHYSICS

Galler, Luca Brynn Santos
(Biology Minor, Astrophysics Minor – Co-operative Program) †

Kerho, Allison Dawn (Co-operative Program)

HONOURS BIOTECHNOLOGY/ CHARTERED PROFESSIONAL ACCOUNTANCY

Catalan, Emma Louise (Chartered Professional Accountancy – Co-operative Program) †

Ke, Yi (Chartered Professional Accountancy – Co-operative Program)

Kolbe, Allison Mary Jane (Chartered Professional Accountancy – Co-operative Program) †

Kong, Curtis Jefferson (Chartered Professional Accountancy – Co-operative Program) †

Ng, Jie Hao (Chartered Professional Accountancy – Co-operative Program) †

Ravichandran, Bhavna Tejasvini
(Chartered Professional Accountancy – Co-operative Program) †

HONOURS BIOTECHNOLOGY/ ECONOMICS

Almoulli, Mais (Economics – Co-operative Program) †

Husain, Saarim (Economics – Co-operative Program) *

Ng, Jessica Zin Man (Economics – Co-operative Program)

HONOURS CHEMICAL PHYSICS

Mwita, Marlyn Boke (Co-operative Program)

HONOURS CHEMISTRY

Au Yeung, Bernice Ming Yun
(Co-operative Program)

Carrillos, Alexander Alberto

Chen, Kaidi †

Cheng, Xiaoyu (Geography and Environmental Management Minor) *

Chowdhury, Tanzim Islam
(Co-operative Program)

Ding, Yunshu †

Dmitrienko, David Benjamin *

Fan, Haozhe

Fan, Zishu *

Fang, Zixian *

Friel-Bartlett, Zoey (Computational Specialization – Co-operative Program) †

Ge, Jiecheng (Co-operative Program)

Hao, Wenbin †

Hong, Wanqing †

Jegatheesan, Keerthikah
(Co-operative Program)

Jurca, Rachel Hanna

Key, Heather Anne (Co-operative Program)

Li, Yingjie

* – Distinction

† – Dean's Honours

Liang, Jiayi [†]
Lindsay, Cole Janos (Co-operative Program) [†]
Narendran, Sanjit (Psychology Minor)
Papuga, Nathanael Jan (Co-operative Program)
Patel, Minal
Song, Yang [†]
Tseng, Shih-En (Co-operative Program) [†]
Vaillancourt, Rowan Wilson Ross (East Asian Studies Minor – Co-operative Program) [†]
Voss, Herbert Henry Benson *
Wu, Yuanhe (Computing Minor) *
Yang, Bryan (Co-operative Program)
Zhang, Chenhe
Zhang, Wenjun [†]
Zhao, Yixuan *
Zhu, Jiaqi [†]

HONOURS LIFE PHYSICS

Coy, Meaghan
Marincic, Isabelle Karina (Biophysics Specialization – Astrophysics Minor, Earth Sciences Minor – Co-operative Program)
Mohamed, Limia Said (Bioinformatics Option) [†]

HONOURS MATERIALS AND NANOSCIENCES

Ahmad, Fariha Jahan (Co-operative Program)
Chen, Ziyang *
Cheng, Cheng *
Du, Shuotong *
Gong, Siyu *
Guo, Xuewen
He, Wubo *
Heng, Yicheng [†]
Hu, Xinyuan *
Huang, Ziyu *
Jin, Yichen (Computing Minor) [†]
Killaire, Gabriel Wayne
Lee, Gain
Li, Bohan (Chemistry Minor) *
Li, Jingyu
Li, Kexin *
Li, Yi *
Luo, Xiaoyu [†]
Ma, Chenxuan *
Meng, Xiangying *
Meng, Ziyu

Pang, Heyang
Qiu, Qinlu *
Ramchandani, Nikita Vijay (Co-operative Program)
Shen, Shiqi [†]
Shen, Wangzi *
Shen, Xuanhao
Shi, Jinmeng [†]
Song, Jiayi [†]
Su, Pengliang
Tang, Ruijing [†]
Wang, Kewei *
Xu, Zhenghang *
Yan, Ninghao
Yang, Jiahe
Yi, Junjie [†]
Yu, Zhe *
Zhang, Kaiyun [†]
Zhao, Lejia
Zhao, Ruoyi
Zheng, Bowu
Zheng, Yifan *
Zhou, Jiashu [†]
Zou, Yunchen *

HONOURS MATHEMATICAL PHYSICS

Birenbaum, Asher Leonard *
Brar, Navdeep (Co-operative Program) [†]
Brisebois, Alexander Dominic Raul [†]
Brown, Calliope Eleanor Faye (Co-operative Program)
Chen, Liwen *
Corrigan, Aodhán Rhys Fitzgerald (Pure Mathematics Minor – Co-operative Program) [†]
Dowling, Jarrett Evan (Co-operative Program)
El Mabrouk, Mahmoud (Co-operative Program) [†]
Francey, Andrew John (Astrophysics Minor, Computing Minor)
Gillck, Benjamin Gregory *
Gimpl, Glen David (Computing Minor) [†]
Him, Jeremy Peter (Co-operative Program) [†]
Huang, Chutong (Computing Minor)
Kazi, Josh Mohibullah (Co-operative Program)
Lingertat, Sebastian Andrew (Co-operative Program) *
Murali, Nikhil (Co-operative Program) [†]

Rasheed, Nabeel (Co-operative Program) [†]
Schuetze, Madison Constance (Pure Mathematics Minor – Co-operative Program) [†]
Shamsukha, Bharat (Astrophysics Specialization – Co-operative Program)
Tanyer, Defne
Watford, Andrew (Co-operative Program) [†]
Williams, Aidan Matthew Jay (Co-operative Program) *
Yaseen, Muhammad Ameen
Zhang, Kuei Hung (Co-operative Program)

HONOURS MEDICINAL CHEMISTRY

Abi-chedid, Maria Charbel (Co-operative Program)
Butool, Naaz (Co-operative Program) *
Fernback, Julian Kennedy (Co-operative Program) [†]
Hoang, Sydney (Co-operative Program)
Johnson, Ashley (Medicinal Chemistry & Joint Honours Music – Co-operative Program) *
Ma, Myles Shueh-Yuan (Co-operative Program) *
Mistry, Meera Balvant (Co-operative Program)
Thomas, Kaidyn Alexa (Co-operative Program)
Zheng, Elita Daillin (Co-operative Program)

HONOURS PHYSICS

Acheson, Lyndsy Masayo (Biophysics Minor – Co-operative Program) *
Bennett, Bradley Kenneth (Co-operative Program)
Bueley, Kendra Maryann (Co-operative Program)
Chao, Yuxuan *
Chen, Hengke (Mathematics Minor) [†]
Guo, Siqi *
Hammer, Ryan Douglas
Jezioranski, Cora Abigail (Co-operative Program) [†]
Jiang, Bohan
Jiang, Zhongxing
Joshi, Utkarsh Manish (Co-operative Program)
Kates, Courtney (Co-operative Program) [†]

* – Distinction
[†] – Dean's Honours

Khoja, Nihan Amin (Co-operative Program)

Li, Mingchen *

Liu, Cunming *

Liu, Zonghao

Lousenberg, Ethan Robert

Luktuke, Chaitanya Mandar (Co-operative Program) †

Lyu, Mingze (Computing Minor – Co-operative Program) *

Meng, Leyu *

Niedziela, Sebastian Elliot

Pasquino, Gabriel David (Astrophysics Minor, English Language and Literature Minor – Co-operative Program)

Pearson, Eva Areia (Astrophysics Minor)

Qi, Runsheng *

Rudd, Nathan (Co-operative Program)

Shah, Saral Achal (Astrophysics Minor – Co-operative Program) †

Subhi, Hassan Ihssan (Philosophy Minor – Co-operative Program)

Tian, Nairui †

Tomietto, Pierson (Computing Minor)

Treco, Zach Andrew (Astrophysics Minor – Co-operative Program)

Yang, Haochen

Zelem, Nikolas Karl (Biophysics Minor – Co-operative Program) †

Zhang, Yuanxin

Zhao, Xin (Computing Minor)

Zhen, Runtong †

Zhou, Yuanhao *

Zhuang, Huiwen †

HONOURS PHYSICS AND ASTRONOMY

Abramson, Karina (English Language and Literature Minor – Co-operative Program) *

Alberts, Calvin Pasman (Biophysics Minor – Co-operative Program) *

Bérubé, Madeleine (Co-operative Program) †

Binner, Darian Robert †

Blasby, Simon Fraser (Co-operative Program) †

Breakell, Kyle Robert Stevens

Cserveny, Robert

Garland-Bakker, Deacon Lucas

Graham, Christina Elizabeth †

Hepburn, Macintosh James Robert (Co-operative Program) *

Huang, Luosi (Co-operative Program) †

Jiang, Queena (Computing Minor – Co-operative Program) †

Khan, Safwan Ahmed (Co-operative Program) *

Lammert, Owen Thomas (Biophysics Minor – Co-operative Program) *

Lee, Yunbeom

Liu, Xin Yi (Co-operative Program) *

Loucaides, Andreas

Oran, Ekin (Psychology Minor)

Patel, Zeel Bhavesh (Co-operative Program)

Ramasubramanian, Akshay Prasad (Co-operative Program) †

Rankin, Nolan Hugh

van Gaalen, Alissa Johanna Luberta (Music Minor – Co-operative Program) †

Varkekar, Purushottam (Computing Minor – Co-operative Program) †

Vietri, Michael Maurice (Co-operative Program) *

Yanover, Lyvia Sarah (Mathematics Minor – Co-operative Program) *

Yu, Eric (Co-operative Program)

HONOURS SCIENCE AND AVIATION

Alsharief, Anas Ahmed Faraj (Earth Science Specialization)

Canlas, Mary Francesca Monzon (Earth Sciences Minor) †

Chan, Bryan Chung Kwan *

Cheh, Steve *

Chen, Eric F

Gangadharan, Varun

Gehani, Jeet Sandeep (Earth Sciences Minor) *

Ghazal, Seif Eldin (Chemistry Minor)

Incze, Attila (Earth Sciences Minor)

Jaura, Alpha (Chemistry Minor) †

Johansson, Simon Erik (Biology Minor) †

Ko, Jeongmin (Earth Sciences Minor) *

Li, Alexander Zexi (Chemistry Minor) †

Makar, Aryan (Earth Sciences Minor)

McCammon, Sawyer (Astrophysics Minor) †

Nagy, Kristof (Earth Sciences Minor) †

Narayanan, Raahul (Earth Sciences Minor) *

Ramadan, Ahmed Hatem

Sheth, Krish

Wang, Olivia Qi Rui (Chemistry Minor)

Yuen, Lee Ting Miranda

HONOURS SCIENCE AND BUSINESS

Aboulhoda, Nancy Mouhannad (Co-operative Program) †

Adamich, Joseph Martin (Co-operative Program) *

Assimova, Madina (Economics Minor – Co-operative Program)

Awan, Esha (Co-operative Program)

Bajaj, Shania Kaur *

Bibi, Danish (Co-operative Program)

Canlas, Kelly Anne Espino (Earth Sciences Minor)

Chen, Elissa Emay (Earth Sciences Minor – Co-operative Program)

Chen, Sara Tung (Biology – Co-operative Program) *

Cheung, Mya Grace (Biochemistry – Co-operative Program) *

Dhillon, Harjot Singh (Co-operative Program)

Dhiman, Avneet (Biochemistry – Psychology Minor – Co-operative Program) †

Gathieswaran, Sivanuja (Co-operative Program) *

Gonzales, Sofia (Biology – Co-operative Program)

Ho, Patricia Pei-Shuan (Biotechnology – Human Resources Management Minor – Co-operative Program)

Jegatheeswaran, Aksaya (Economics Minor, Biology Minor) *

Jelich, Nicholas (Economics Minor, Entrepreneurship Minor, Biology Minor – Co-operative Program) *

Jhaveri, Dhruataaksh (Economics Minor, Biology Minor – Co-operative Program)

Jiang, Shania (Co-operative Program) *

Kaur, Amisha Kataria (Biology – Co-operative Program) *

Kaur, Satnoor (Biology – Economics Minor – Co-operative Program) †

Kent, Owen William (Biology – Co-operative Program) *

Kremer, Samantha Lexi (Biology – Co-operative Program) †

Lee, Helena Seung-min (Biochemistry – Economics Minor – Co-operative Program)

Lou, Jenna Lauren (Biology – Co-operative Program)

* – Distinction

† – Dean's Honours

Luo, Yu Feng (Economics Minor – Co-operative Program)

Mah, Katherine Sarah (Biology – Co-operative Program) *

Matcheski, Jaxon Paul (Biochemistry – Co-operative Program)

Muir, Hailey Nicole (Biology – Co-operative Program) *

Mundi, Amreen Kaur (Biology Minor – Co-operative Program) *

Mutharasan, Dasarathy (Biotechnology – Economics Minor – Co-operative Program) *

Ohashi, Reeko (Co-operative Program) *

O'Reilly, Abigale Christine (Biochemistry) *

Patel, Vani (Bioinformatics Option – Economics Minor – Co-operative Program) *

Pham, Helen

RAI, ANANYA (Physics Minor, Economics Minor – Co-operative Program)

Sbrocca, Aaron Michael (Co-operative Program) *

Shahid, Amina (Co-operative Program)

Van Cauwenberghe, Thomas Nestor (Co-operative Program)

Virk, Reya Kaur

Wang, Lena (Earth Sciences Minor – Co-operative Program) *

Winch, Denver Jacob (Biotechnology)

Wong, Jordyne Jo Ling (Biology)

Wu, Mandy (Biology – Economics Minor – Co-operative Program)

Yang, Seoyun (Biochemistry – Co-operative Program)

Zhang, Cynthia

Zhang, Wendy (Biology – Economics Minor)

DOCTOR OF OPTOMETRY

Almahfoud, Miryam *

Amare, Benhur *

Appleby, Laura Marie †

Aryal, Supriya †

Bernard, Brett Stewart *

Bhangu, Anmol Kaur †

Bhatti, Mariam *

Bizarro, Phoebe Ann †

Borho, Sophie Willa †

Brisbourne, Wyllie Alexander †

Brunen, Megan Marie Caroline †

Burdeniuk, Brandt Alexander †

Chai, Kalin †

Chatrath, Monica

Chea, Ashley Lorne †

Chernoff, Logan Wayne *

Cheung, Hoi Nga †

Chow, Erica Mary †

Cross, William Edward †

Cuddington, Teagan Jade *

Cuscito, Leah Dawn *

Dhaliwal, Dayapreet Kaur †

Dhillon, Jasjeet Kaur *

Feigis, Elinor *

Fougere, Brady Francis †

Goodman, Adam Matthew †

Grewal, Gurkamal Kaur †

Gunaranjan, Rasheidaa

Gushue, Bailey Nicole *

Ha, Annie Ka *

Hsieh, April †

Hui, Christie Erin *

Inglis, Heather Christina *

Jacobs, Hannah Marie

Jankovic, Angelica Katarina †

Jaques, Koa Naomi †

Jensen, Justin Andrew

Jinks, Connor William Blair †

Kalsi, Ipsita †

Karch, Ashley Lynn †

Landry, Taylor Geneva †

Lang, Jacob Tyler †

Lau, Lydia Chi Ching †

Le, Catherine Anh-Thi †

Leung, Elizabeth †

Leung, Jennifer Rachel Hao *

Li, Audrey Yufei †

Li, Fu Zhen †

Ling, Sharon *

Liu, Simo

Long, Sarah Emily †

Lu, Mika Sabrina †

Ly, Brandon Trung *

Ma, Choi Cheung Alton †

Magbitang, Angel Chelsie Gonzales †

Mahmood, Urbowshe Reza †

Miranda, Arielle Fatima *

Mohanathas, Bhavieethra *

Nissan, Ailona *

Pabla, Sunpreet Singh *

Pagtalunan, Eden Bless Roxas †

Parolin, Emilie †

Poirier, Erin Yvette †

Rados, Juliann Maria †

Randhawa, Armaan †

Roberts, Cassidy Nicole †

Sahota, Manpreet †

Sidhu, Jovinn Kaur *

Sidhu, Navneet Kaur †

Sidhu, Sohajdeep Kaur †

Solanki, Shivani *

Srikanth, Kriethika *

Stasiuk, Daniel William *

Suppel, Arshdeep Singh

Tang, Jenny †

Taurasi, Lorenzo Emilio *

Thain, Sean Patrick Richard *

Vacacela, Mateo *

Vinh, Danny Bao Khang †

Vujicic, Maya †

Wai, Mandy *

Wang, Nicole *

Wickert, Danielle Anne *

Willox, Vanessa Susan †

Wong, Alison Mackenzie *

Wong, Jonathan Michael †

Yan, Ni †

Zeidenberg, Matthew Evan †

Zhai, Yujia *

Zhai, Yuman *

Zhang, Michelle Phoenix †

Zuccato, Katie Margaret *

DOCTOR OF PHARMACY

CO-OPERATIVE PROGRAM

Cerasoli, Milena Maria

Nguyen, Jacquelyn Bao Phuong

Sleiman, Aref

Wu, Nathan

DIPLOMA IN EAST ASIAN STUDIES

Garland-Bakker, Deacon Lucas

DIPLOMA IN FRENCH LANGUAGE I

Jelich, Nicholas

DIPLOMA IN GERONTOLOGY

Mawdsley, Amelia Elizabeth

DIPLOMA IN JAPANESE LANGUAGE I

Cheh, Steve

Vaillancourt, Rowan Wilson Ross

DIPLOMA IN JAPANESE LANGUAGE II

Garland-Bakker, Deacon Lucas

DIPLOMA IN SUSTAINABILITY

Befekadu, Brooke

CERTIFICATE IN CO-OPERATIVE EDUCATION IN RESEARCH

Canlas, Jessica Aida

Chang, Emily

Jaberansari, Asal

Lelo, Vian Muthafar

CERTIFICATE IN EXPERIENTIAL EDUCATION

Louzon, Taylor Emma

Voss, Herbert Henry Benson

* – Distinction
† – Dean's Honours

Outstanding achievements

MEDALS AND AWARDS

UNIVERSITY FINALIST FOR THE GOVERNOR GENERAL’S GOLD MEDAL

Doctoral
Esther Ai-Leng Foong-Reichert (Fall 2024)

THE UNIVERSITY OF WATERLOO PRESIDENT’S AWARD OF EXCELLENCE

Highest standing in an undergraduate degree program
Manuela Magid Morgan (Fall 2024)

THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL

Outstanding academic achievement
Stanley Jinbo Miao

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

**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

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.
















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

 Bachelor of Accounting and Financial Management	 Bachelor of Applied Science	 Bachelor of Architectural Studies	 Bachelor of Arts	 Bachelor of Computer Science	 Bachelor of Computing and Financial Management	 Bachelor of Environmental Studies	 Bachelor of Global Business and Digital Arts
 Bachelor of Knowledge Integration	 Bachelor of Mathematics	 Bachelor of Public Health	 Bachelor of Science	 Bachelor of Social Work	 Bachelor of Software Engineering	 Bachelor of Sustainability and Financial Management	

PROFESSIONAL DOCTORATE

 Doctor of Optometry	 Doctor of Pharmacy
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MASTER'S

 Master of Accounting	 Master of Actuarial Science	 Master of Applied Science	 Master of Architecture	 Master of Arts	 Master of Business, Entrepreneurship and Technology	 Master of Catholic Thought	 Master of Climate Change
 Master of Data Science and Artificial Intelligence	 Master of Development Practice	 Master of Digital Experience Innovation	 Master of Economic Development and Innovation	 Master of Engineering	 Master of Environment and Business	 Master of Environmental Studies	 Master of Fine Arts
 Master of Future Cities	 Master of Health Evaluation	 Master of Health Informatics	 Master of Kinesiology	 Master of Management Sciences	 Master of Mathematics	 Master of Mathematics for Teachers	 Master of Peace and Conflict Studies
 Master of Pharmacy	 Master of Planning	 Master of Public Health	 Master of Public Service	 Master of Quantitative Finance	 Master of Science	 Master of Social Work	 Master of Taxation
 Master of Theological Studies							

DOCTORAL

 Doctor of Philosophy

HONORARY DOCTORATE

 Doctor of Divinity	 Doctor of Engineering	 Doctor of Environmental Studies	 Doctor of Laws	 Doctor of Letters	 Doctor of Mathematics	 Doctor of Science
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CONVOGATION



uwaterloo.ca

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