



ONE HUNDRED AND TWENTY-NINTH CONVOCATION

CONVOCATION

FRIDAY
OCT
25
2024

FACULTY OF ENVIRONMENT
FACULTY OF HEALTH
FACULTY OF MATHEMATICS
FACULTY OF SCIENCE

Convocation Ceremonies

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, family members and friends, faculty, staff and alumni to Fall 2024 Convocation.

This is the first time I've had the honour of presiding over convocation as chancellor, and I couldn't be more delighted.

The University of Waterloo is home to me. It is from this wonderful institution that I received my three degrees, 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 students who will receive their diplomas today. Waterloo opens eyes and it opens minds. Discovery, innovation, entrepreneurship, the freedom and inspiration to think big, audacious thoughts – these are in the ethos of the University of Waterloo.

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 2024, especially, have overcome many unexpected hurdles during their time at Waterloo, among them a pandemic, a hate-motivated attack on campus and global conflicts that continue to deeply affect many in our community. The ability to maintain focus and support each other will serve these graduates well as they enter the next chapter of their lives.

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.

Convocation celebrates the achievements of our graduates and their shift to our alumni community. Since our institution's founding in 1957, we have conferred more than 250,000 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 that's finding solutions to humanity's biggest challenges or fostering kindness, beauty and well-being for those most in need. The knowledge and creativity of Waterloo alumni continue to have a lasting impact on our community and beyond.

Congratulations to all our graduates, and to 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, WORK TOGETHER AND STAY MOTIVATED TO MAKE THE WORLD A BETTER PLACE FOR OTHERS.”

Message from the president and vice-chancellor

We are so pleased to extend a warm welcome to our graduates and their family, friends and supporters who are joining us to recognize the accomplishments of the Class of 2024.

Today's ceremony celebrates the hard work and dedication of our students during their time at the University of Waterloo. A Waterloo degree is a culmination of lessons, relationships and experiences. 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.

Each graduate has worked especially hard to get to this moment, and behind each one has been someone they could depend upon when things got difficult. From friends and family to staff and faculty, together as a community, we celebrate our students' success. To everyone who has supported our students, thank you for being there and providing that support.

I also wish to formally welcome our new chancellor, Dr. Jagdeep Singh Bachher, who will be installed as the University of Waterloo's 12th chancellor at our first ceremony this fall. A three-time alum, Dr. Bachher will be presiding over his first convocations in this new role. Like our graduates, he exemplifies the type of dynamic leader that Waterloo develops: a champion of curiosity, exploration, risk-taking, entrepreneurship, global stewardship and leadership.

Our institution's rich history, and the success of our alumni, is rooted in community. As graduates transition from student to alumni, I hope each will become an active member of our global Waterloo alumni community.

At Waterloo, we continue to seek out, identify and solve the big, complex challenges facing our world. This happens not only on our campuses, but across the globe through our network of alumni. While there are many challenges facing our world, there are also opportunities to implement innovative solutions to address them. Each new graduate is among the future leaders and changemakers who will help tackle these challenges and build a better future for humanity and our planet.

I look forward to watching them make an impact on their communities and the world.

*On behalf of the
University of Waterloo,
I wish our graduates
all the best in the
journey ahead.*



Vivek Goel

VIVEK GOEL

CM

President and Vice-Chancellor

“EACH NEW GRADUATE IS AMONG THE FUTURE LEADERS AND CHANGEMAKERS WHO WILL HELP TACKLE THESE CHALLENGES AND BUILD A BETTER FUTURE FOR HUMANITY AND OUR PLANET.”

Message from the alumni council chair

Congratulations Class of 2024!

On behalf of the University of Waterloo's Alumni Council and your fellow alumni, congratulations on the successful completion of your degree. You demonstrated hard work, dedication and resilience. We are proud of you and delighted to welcome you as the newest members of our community.

Graduation is a significant milestone for you both personally and professionally. I encourage you to celebrate your achievement and take time to appreciate the people in your life that helped you along the way – your family, friends, classmates and teachers.

As you look ahead to the next phase of your life, I'm confident that your time at Waterloo has prepared you well. You have the expertise, creativity, and resourcefulness to tackle whatever problem you choose. The future is a bright and exciting one, longstanding practices are changing and there is opportunity for new ideas to break through. You are ready for whatever comes your way.

Welcome to a network of more than 253,000 alumni, connected by their experiences at Waterloo.

Throughout your career, I encourage you to stay connected to your alumni community. There are more than 253,000 of us and we are here to support you as you work towards your goals. You can contact Waterloo alumni from anywhere in the world – through our global ambassadors, alumni chapters and online groups.

I also hope you will join me in sharing your time, knowledge and passion with the University. It is rewarding to volunteer with other talented alumni and your unique perspective can benefit future graduates more than you know.

Congratulations once again on your graduation. You have much to be proud of and a very bright future ahead of you!

I wish you all the best.



A handwritten signature in black ink that reads "Diana Vangelisti".

DIANA VANGELISTI

BES '84 MA '89 MCIP, RPP(Ret)

Chair, University of Waterloo Alumni Council

“THERE ARE MORE THAN 253,000 OF US AND WE ARE HERE TO SUPPORT YOU AS YOU WORK TOWARDS YOUR GOALS.”

Chancellor's installation

The chancellor's installation marks the official welcoming of a new institutional leader.

Elected by the University's Senate to a three-year term, the chancellor serves as the ceremonial head for the institution and presides over convocation ceremonies, conferring degrees, diplomas and certificates on graduating students.

On Friday, October 25, 2024, the twelfth chancellor of the University of Waterloo will be installed. In addition to presiding over convocation ceremonies, the chancellor serves as a key ambassador for the institution, connecting it with the broader community and advancing the University's interests locally, provincially, nationally and internationally. This includes supporting engagement with the external community, building partnerships with a variety of stakeholders and rallying support for University initiatives.

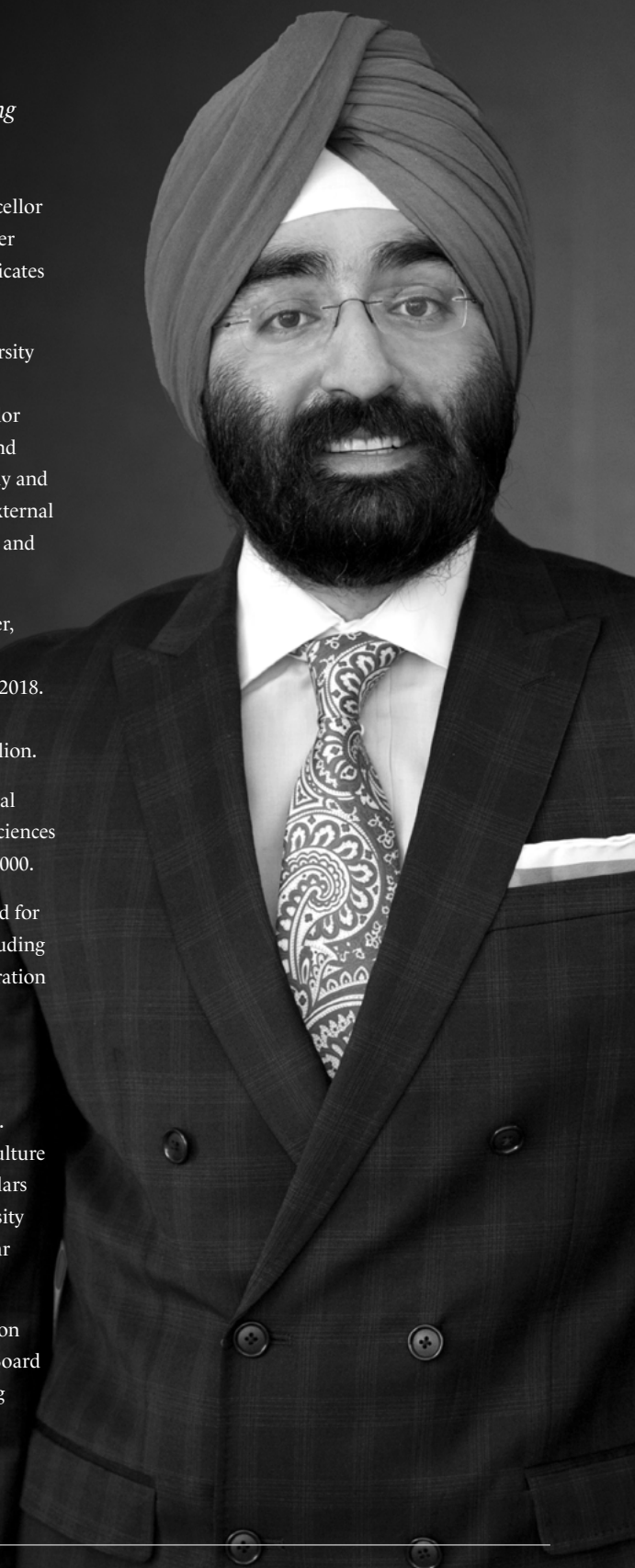
The University of Waterloo has appointed Jagdeep Singh Bachher, PhD, a triple alum of the University, as its newest chancellor, succeeding Dominic Barton, who served two terms beginning in 2018. Dr. Bachher is the chief investment officer of the University of California, where he oversees an investment portfolio of \$180 billion.

Dr. Bachher completed a Bachelor of Applied Science, Mechanical Engineering in 1993, a Master of Applied Science, Management Sciences in 1994 and a Doctor of Philosophy in Management Sciences in 2000.

From entrepreneur to investment leader, Dr. Bachher has worked for leading companies and organizations across North America, including Manulife Financial, the Alberta Investment Management Corporation and now the University of California's system of 10 campuses, six academic health, and three affiliated national laboratories.

Dr. Bachher has been a champion for change in the investment industry and gained an international reputation as an innovator. In his role as chief investment officer, he created a collaborative culture known as "The UC Investments Way" that is embodied by 10 pillars that guide investment decision-making for the benefit of university stakeholders and the broader UC community. During his ten-year tenure at UC, the university's investment assets have doubled.

A steadfast supporter of the University of Waterloo and its mission for more than three decades, Dr. Bachher served on Waterloo's Board of Governors since 2018, including as its vice-chair prior to being appointed as chancellor.



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 chief 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, 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 strive 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 that 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.



MYEENGUN HENRY

Indigenous Elder, Former Chief of Chippewas of the Thames First Nation, Traditional Medicine Practitioner

Doctor of Laws, *honoris causa*

FRIDAY, OCTOBER 25 / MORNING CEREMONY

Elder Myeengun Henry joined the University of Waterloo in 2022 as Indigenous Knowledge Keeper in the Faculty of Health. He is former Elected Chief and band councillor for the Chippewas of the Thames First Nation. He served as manager of Indigenous Services and educator of Indigenous Studies at Conestoga College. Elder Henry conducts Indigenous ceremonies and teachings on campus. He is also a traditional medicine practitioner, environmental protectionist, Indigenous counsellor, Pow Wow co-ordinator and Indigenous advisor to the Ontario Provincial Police and Law Society of Ontario. Elder Henry works with compassion alongside the Office of Indigenous Relations toward reconciliation.



JIM ESTILL

P.Eng

Doctor of Laws, *honoris causa*

SATURDAY, OCTOBER 26 / AFTERNOON CEREMONY

Jim Estill is the president and CEO of Danby Appliances, a role he has held since 2015. A successful entrepreneur and investor, he has backed more than 150 startups throughout his career. In 2015, Estill gained international recognition for sponsoring the resettlement of 50 Syrian refugee families in Canada. In honour of his philanthropic contributions, he was awarded the Order of Ontario in 2017 and the Order of Canada in 2018. Estill holds a BSc in Systems Design Engineering from the University of Waterloo and an Honorary Doctorate of Laws from the University of Guelph.



MARK YANTZI

BA, MASc

Doctor of Laws, *honoris causa*

SATURDAY, OCTOBER 26 / MORNING CEREMONY

Mark Yantzi is a pioneer in restorative justice and a leader in addressing conflict. He earned a BA in Sociology in 1969 and a MASc in Human Relations and Counselling in 1977, both from the University of Waterloo. As a parole officer in the 1970s, Yantzi implemented Canada's first formal use of restorative justice in criminal sentencing. He founded and led Community Justice Initiatives, developing programs to support victims and offenders. He served Waterloo as a city and regional councillor and was a mediator for Correctional Service of Canada. He is the author of *Sexual Offending and Reconciliation* and recipient of Conrad Grebel University College's Distinguished Alumni Service Award.

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.



BARB MOFFATT

BSc, PhD

Faculty of Science

FRIDAY, OCTOBER 25 / EVENING CEREMONY

Dr. Barb Moffatt is a plant biologist whose research focused on the role of enzymes in plant development and was a pioneer in early aspects of molecular genetics. In her teaching, she encouraged students to think critically rather than memorize facts.

She was a biology program advisor for most of her career. Her commitment to students led to her receiving the University of Waterloo Distinguished Teaching Award in 2007, and she served as associate dean of student relations for ten years. She considers it a great honour to have shared her passion for science with hundreds of students each year and enjoyed watching them flourish.



GUY POIRER

BA, MA, PhD, frsc/msrc

Faculty of Arts

SATURDAY, OCTOBER 26 / MORNING CEREMONY

Dr. Guy Poirer retired in 2023 from the University of Waterloo's Department of French Studies after 20 years of service. During his tenure, he was department chair for eight years. Poirer is recognized for his scholarship on representations of gender and homosexuality in early modern France and Jesuit travel narratives in New France. His excellence and impact have been recognized in numerous ways, including the 2023 Canadian Society for Renaissance Studies Lifetime Achievement award and as co-recipient of the 2020 Gabrielle-Roy Prize. In 2021, he was elected a Fellow of the Royal Society of Canada.



SHERRY SCHIFF

BSc, BEd, MRec, PhD

Faculty of Science

FRIDAY, OCTOBER 25 / EVENING CEREMONY

Dr. Sherry Schiff is a widely recognized leader in her research field and was responsible for creating an internationally renowned research program in environmental and isotope biogeochemistry in the Department of Earth and Environmental Sciences at the University of Waterloo. Schiff established herself as an outstanding researcher and dedicated teacher until her retirement in 2023. Her career is one of remarkable and sustained productivity and innovative research as well as significant service contributions to the department. Schiff's research program focused on training the next generation of scientists and she was an important mentor to women in a previously male-dominated field, successfully combining busy family life with a field-oriented research program.



HOWARD ARMITAGE

BSc, MBA, PhD, FCPA

Faculty of Engineering

SATURDAY, OCTOBER 26 / AFTERNOON CEREMONY

Dr. Howard Armitage is professor emeritus and founder of the Conrad School of Entrepreneurship and Business at the University of Waterloo. He has served as director of the School of Accounting and Finance and special advisor to the president for entrepreneurship. He holds a PhD from Michigan State University and an MBA from the University of Alberta. Armitage has received numerous accolades, including the 3M Teaching Fellowship, Startup Canada Entrepreneurship Educator of the Year and the City of Waterloo's highest civic award. Armitage is widely published and a sought-after speaker, focusing on entrepreneurship and innovation's role in driving organizational and community growth. He has worked with global institutions such as the World Bank, assisting countries in developing entrepreneurship programs.

Guest speaker



DANIELLE PAES

PharmD, RPh

Faculty of Science

FRIDAY, OCTOBER 25 / EVENING CEREMONY

As an award-winning clinician and dedicated patient advocate, Dr. Danielle Paes is well-recognized as a dynamic and forward-thinking health care leader. She earned her Bachelor and Doctor of Pharmacy degrees from the University of Waterloo and holds a Bachelor of Science in Applied Pharmaceutical Chemistry from the University of Guelph. Paes currently holds the position of chief pharmacist officer at the Canadian Pharmacists Association, where she is driving strategic efforts in pharmacy practice, workforce sustainability and diversity, equity and inclusion. In addition to her genuine passion, her unique career portfolio gives Paes a national lens, enabling her to provide leadership and guidance on key issues facing health care in Canada. One of her greatest joys is spending time with her partner and their two bright and curious children.

Valedictorians

Maryam Mohiuddin Ahmed

Faculty of Environment

FRIDAY, OCTOBER 25 / MORNING CEREMONY

Oluwatofunmi David Awosoga

Faculty of Mathematics

FRIDAY, OCTOBER 25 / AFTERNOON CEREMONY

Nikhil Anil George

Faculty of Science

FRIDAY, OCTOBER 25 / EVENING CEREMONY

Jillian Rose Adams

Faculty of Arts

SATURDAY, OCTOBER 26 / MORNING CEREMONY

Sanaz Saadatmand Hashemi

Faculty of Engineering

SATURDAY, OCTOBER 26 / AFTERNOON CEREMONY



MORNING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF ENVIRONMENT
FACULTY OF HEALTH

Graduate degrees

FACULTY OF ENVIRONMENT

DOCTOR OF PHILOSOPHY

Ahmed, Maryam Mohiuddin (Sustainability Management)
“Three Tales in Journeys Towards Wisdom: Decolonial Impetuses in Social Innovation”

Billedeau, David Benjamin (Sustainability Management)
“Assessing Adaptations to Global Transformational Events in Canadian Corporate Social Responsibility Practices”

Braithwaite, Alison Jane (Geography)
“Leaving and Moving on From the Corporatized Workplace: An Emotional and Feminist Economic Geography of Tension and Conflict at Work”

Judyn, Jerzy Mateusz (Sustainability Management)
“Analysis of the Impact of Fragmented Coordination During Natural Disaster Responses on Access to Drinking Water Following Cyclone Idai - Beira Case Study”

Osei, Augustine Kwame (Social and Ecological Sustainability)
“Assessment of Soil Carbon Storage and Greenhouse Gas Emissions in Perennial Bioenergy Crops on Low Productive Agricultural Land in Southwestern Ontario, Canada”

Popovic, Natasa (Geography)
“Examining the Ecosystem Evolution of Nikanotee Fen Watershed: An Ecohydrological Perspective”

Rohanizadegan, Mina (Geography)
“Evaluation of Wind Flows and Turbulent Fluxes in Complex Terrain of Canadian Rockies”

Saravade, Vasundhara (Sustainability Management)
“Identifying the Institutional, Stakeholder, and Behavioral-Level Drivers and Barriers for Scaling the Green Bond Market”

Shadkam, Anahita (Planning)
“Reclaiming the Urban Public Realm as a Site for Children’s Play”

Sunu, Naomi Elikem (Sustainability Management)
“Assessing Differences in Household Food Insecurity Vulnerabilities Post-Cyclone Idai in Beira, Mozambique”

MASTER OF ARTS

Brix, Karsten Bjorn (Planning)

Godly, Ann Sandra (Planning)

Ingram, Anya Zoe Gautron (Planning)

James, Kieran Conal (Planning)

Loi, Bi Lin (Planning)

Majda, Natalie (Planning)

Mostacci, Sabina Vania (Planning)

Neto, Mario Ribeiro (Planning)

Zhang, Crystal Xuying (Planning)

MASTER OF CLIMATE CHANGE

Ayala Fierro, Viviana Marcela
Benjamin-Jerome, Chriselle
Bhatti, Amman
Bhutani, Sanaa
Boss, Noah
Chen, Keying
Clarke, Alison Carol-Lynn
Co, Rebecca
Coyne, Heather
Cullinane, Grace Puri
DeFreitas, Breanna Nicole
Dhaliwal, Manjinder Singh
Folarin, Sibongile Queeneth
Grimes, Cassidy
Habakubaho, Theogene
Haryanto, Benedictus Hans
Ho, Tsz Ching
Korgaonker, Nikita Arvind
Lau, Chun Kit
Liu, Jingfang
Margarit, Lauryn Patricia
Mitra, Sumana
Morris-Cefis, Giorgia
Norquay, Owen Ross
Obijiaku, Nneka Loveth
Pan, Yixian
Praveen, Sneha
Saleh Nour, Nouran
Sheikh, Maahir Mahmood
Singh, Gagandeep
Smith, Megan Carolyn Cornale
Vipulan, Banushan
Wang, Yue
Williamson, Elizabeth Katherin
Wong, Ho Yee
Ye, Zhou

MASTER OF ECONOMIC DEVELOPMENT AND INNOVATION

Doroslovac, Tatiana Alisa
Fonseka, Amnika Mithara
Huang, Winnie Yi Yang
Ogunje, Clement Babatunde
Oye, Omoyosola Anikunola
Salazar, Mariana
Shanmuganathan, Shamily
Tawiah, Tracy Dede Yabole
Ward, Minerva

MASTER OF ENVIRONMENT AND BUSINESS

Baltare, Kate Joan
Bedi, Enjulie
Diab, Fadi
Glor-Bell, Elizabeth
Harder, Chase
Hoffort, April Lynn
Khade, Snehal
Lerman, Elizabeth
Marrelli-Dill, Carolyn Giuseppina
Patel, Rishi Kiritbhai
Redfearn, Julia Marie
Singh, Divjot
Vargas Cuervo, Monica Andrea

MASTER OF ENVIRONMENTAL STUDIES

Chehab, Lemira Lynn (Sustainability Management - Water)

Dasgupta, Ishani (Social and Ecological Sustainability)

Dykstra, Erin Lindsay (Sustainability Management)

Hu, Jirui (Geography)

Koops, Claire Adeline (Planning)

Lee, Kiaunna Jessica (Social and Ecological Sustainability)

Makinde, Abolade Olayinka (Sustainability Management)

Matthews, Kieryn Tess (Planning)

Mohni, Celina Maya (Geography)

Palmer, Beth Margaret Ann (Geography)

Pottage, Rebecca Elaine (Sustainability Management)

Priya, Astha (Sustainability Management)

Yu, Shangwei (Planning)

Zhetpisbayeva, Ainur (Sustainability
Management)

MASTER OF PLANNING

Zosiak, Lauryn Brook

MASTER OF SCIENCE

Hassan, Amina (Geography - Water)

Li, Siyu (Geography)

Zabel, Austin (Geography - Water)

GRADUATE DIPLOMA

Gagnon, Shane Michael (Climate
Risk Management)

Wu, Pauline (Climate Risk
Management)

GRADUATE CERTIFICATE

Bayatvarkeshi, Maryam (University
Teaching)

Driver, Tia Rebecca (University
Teaching)

Stenberg, Keely Anne (University
Teaching)

Undergraduate degrees

FACULTY OF ENVIRONMENT

BACHELOR OF ENVIRONMENTAL STUDIES

GENERAL PROGRAM – THREE YEAR

Avigdor, Baruch (Geography and Environmental Management) *

Huang, Steven (Geography and Environmental Management)

Lai, Angus Ka Hay (Geography and Environmental Management)

Li, Pincheng (Geography and Environmental Management)

Saunders, Hastings Jack (Geography and Environmental Management)

Timoll, Mikhaela Jade (Geography and Environmental Management)

Wojtala, Alexzandra Reign (Geography and Environmental Management – Aviation Specialization) †

HONOURS PROGRAM

Batangan, Jenica Urfel (Environment, Resources and Sustainability – Digital Arts Communication Minor, Geography and Environmental Management Minor – Co-operative Program)

Bloomfield, Ian Benjamin Clive (Geomatics – Computing Minor – Co-operative Program)

Cai, Yi Fei NA (Geomatics – Computing Minor – Co-operative Program) *

Chan, Angus Chi Fung (Geography and Environmental Management – Aviation Specialization)

Chan, Jessica Michelle (International Development – Practice Specialization – Peace and Conflict Studies Minor)

Chow, Ryan (Planning – Geography and Environmental Management Minor – Co-operative Program)

Coughlan, Lauryn Rita (Planning – Co-operative Program) *

Demers, Mitchell Anthony Maurice (Geography and Environmental Management – Earth Systems Science Specialization – Parks Minor) *

Denn, Robyn Joy (Environment, Resources and Sustainability – Biology Minor – Co-operative Program) †

Dossa, Zarina Rehma (Planning – Co-operative Program)

Elhag, Meshkat Bahaeldin Osman Mustafa (Geography and Environmental Management – Climate Change and Environment Specialization)

Everett, Cristina Eriwu Omagbitse (International Development – Research Specialization & Joint Honours Sociology)

Fan, Eloise Amy (Environment, Resources and Sustainability & Joint Honours Theatre and Performance – Co-operative Program) †

Faruq, Faria (Geography and Environmental Management – Geomatics Specialization – Urban Studies Minor – Co-operative Program) *

Ferguson, Augusta Clare (Planning – Co-operative Program) *

Floerke, Lilja Esben (Environment, Resources and Sustainability – Philosophy Minor – Co-operative Program) †

Fuentes Martins, Fernando (Geomatics – English Language and Literature Minor)

Fuller, Sarah (Environment, Resources and Sustainability – Geography and Environmental Management Minor)

Gilbert, Cayleigh Brooklyn (Environment, Resources and Sustainability) *

Gravesande, Marcella Therese (Environment, Resources and Sustainability – Geography and Environmental Management Minor) *

Gray-Owen, Ethan Sean (Environment, Resources and Sustainability – Political Science Minor, International Studies Minor)

Hackner, Bruce Dean Elijah (Geography and Aviation)

Haile, Sergio (International Development – Peace and Conflict Studies Minor)

Harriott, Joshua Philip Emmanuel (Planning – Co-operative Program)

Hernandez, Isaiah Samuel (Geomatics)

Hodgson, Nolan Jack Hughes (Geography and Environmental Management – Earth Systems Science Specialization)

Jayadas, Devadarshan (Planning – Geography and Environmental Management Minor – Co-operative Program)

Jimenez, Andrew (Geomatics) *

Kerekes Seregi, Dominik (Environment and Business – Co-operative Program) *

Khan, Sa'ad Abdur Rahman (Environment, Resources and Sustainability)

Kim, Dongseok (Geography and Aviation – Geomatics Specialization) *

Kinchsular, Evan John (Geography and Environmental Management – Geomatics Specialization – Co-operative Program) †

Leduc, Maximilian Bernd (Environment and Business)

Lee, Justin Kit-Luen (Geomatics – Computing Minor – Co-operative Program) *

Leung, Ruth (Planning – Public Policy and Administration Minor – Co-operative Program)

Li, Mike (Geography and Environmental Management – Co-operative Program) †

Li, Yishan (Geomatics – Computing Minor)

Lindblad, Taylor (Environment, Resources and Sustainability) *

LoPresti, Sabrina Ashley Rose (Geography and Aviation)

MacArthur, Riley Elizabeth (Environment, Resources and Sustainability – Geography and Environmental Management Minor – Co-operative Program) *

Macdonald, Aedan (Geography and Aviation)

* – Distinction

† – Dean's Honours

Mathura, Devin Jai Shankar
(Environment, Resources and Sustainability – International Studies Minor)

Mcgregor, Jaden Tyree (Geography and Aviation – Economy and Society Specialization – Peace and Conflict Studies Minor)

Medlej, Ayah Ali Dham (Geography and Environmental Management)

Micic, Mihajlo (Geomatics – Computing Minor – Co-operative Program)

Nguy, Sharlene (Environment and Business – Co-operative Program)

O'Rourke, Liam Gordon (Environment and Business – Co-operative Program)

Perry, Rowan Peter (Environment and Business)

Pring, Rachel Maria Dagmar
(Planning – Decision Support and Geographical Information Systems Specialization – Co-operative Program)

Ranasinghe Arachchige, Geetharchana Diyadam
(Geography and Environmental Management – Earth Systems Science Specialization)

Read, William Lionel (Geography and Aviation – Geomatics Specialization) †

Reardon, Melissa Marie (Geography and Environmental Management – Economy & Society Specialization) *

Rueckert, Miranda Jaclyn
(Environment, Resources and Sustainability – Communication Studies Minor – Co-operative Program) *

Salman, Laiba (Environment, Resources and Sustainability)

Sampat, Simran Sameer
(Environment and Business)

Sayani, Azaan Pardhan (Geomatics) †

Scarsellone, David Joseph
(Planning – Land Development Planning Specialization – Geography and Environmental Management Minor – Co-operative Program) *

Soomal, Serena Kaur (Planning – Land Development Planning Specialization – Co-operative Program) *

Spence, Ryan Michael Allan
(Geography and Aviation) *

Spencer, Darien (Geography and Environmental Management) *

Stevens, Richard Kenneth
(Environment, Resources and Sustainability) *

Stone, Rachel Elizabeth
(Environment, Resources and Sustainability – Co-operative Program)

Su, Karen Chin (Geomatics – Computing Minor – Co-operative Program) †

Tan, Keane Jasper Yao (Geomatics) *

Tavares, Alessia Angela (Planning – Co-operative Program)

Taylor-Detlor, Joshua Tobias
(Environment, Resources and Sustainability) †

Tian, Allen Sun (Planning – Co-operative Program) *

Ting, David Omar Wei Ming
(Geography and Environmental Management – Climate Change and Environment Specialization – Co-operative Program)

Walsh, Amelia Grace (Geography and Environmental Management – Psychology Minor) *

Wilson, Neil James (Environment and Business – Geography and Environmental Management Minor)

Xu, Virginia Liao (Environment and Business – Co-operative Program) *

Zhang, Danni (Geography and Environmental Management)

Zolotorgova, Valeriya (Geography and Environmental Management – Climate Change and Environment Specialization) *

BACHELOR OF KNOWLEDGE INTEGRATION

HONOURS PROGRAM

Ghannaiaman, Liya Amira
(Collaborative Design Specialization/Business Option – Technical Writing Minor)

Malik, Haleema Khalid (Science, Technology & Society Specialization – International Studies Minor)

Neufeld, Isabel Christina Kiss
(Philosophy Minor, Peace and Conflict Studies Minor) *

Nguyen, Emily Hoai Thi *

DIPLOMA IN CREATIVE WRITING

Fuentes Martins, Fernando

DIPLOMA IN ECOLOGICAL RESTORATION AND REHABILITATION

Demers, Mitchell Anthony Maurice
MacArthur, Riley Elizabeth
Rueckert, Miranda Jaclyn
Stone, Rachel Elizabeth

DIPLOMA IN ENVIRONMENTAL ASSESSMENT

Floerke, Lilja Esben
Haile, Sergo
Khan, Sa'ad Abdur Rahman
Mathura, Devin Jai Shankar
Medlej, Ayah Ali Dham

DIPLOMA IN FRENCH LANGUAGE II

Fuentes Martins, Fernando
Sayani, Azaan Pardhan

DIPLOMA IN FUTURE CITIES

Medlej, Ayah Ali Dham

DIPLOMA IN SUSTAINABILITY

Demers, Mitchell Anthony Maurice
Gonçalves, Emily Pires
Kerekes Seregi, Dominik
Mathura, Devin Jai Shankar

DIPLOMA OF EXCELLENCE IN GEOGRAPHIC INFORMATION SYSTEMS

Faruq, Faria
Kim, Dongseok
Kinchsular, Evan John
Lee, Justin Kit-Luen
Li, Mike
Read, William Lionel
Tian, Allen Sun

* – Distinction

† – Dean's Honours

Graduate degrees

FACULTY OF HEALTH

DOCTOR OF PHILOSOPHY

Andrade, Lesley (Public Health Sciences)

“Helpful or Harmful? An Examination of the Relationship Between Low- And No-Calorie Sweetener Exposure and Dietary Intake and Health”

Atabakhsh, Victoria Maral

(Recreation and Leisure Studies - Aging, Health and Well-Being)
“Older Adults Experiencing Social Isolation and Loneliness During COVID-19: Resilience Through Leisure”

Ayala, Naila Victoria (Kinesiology)

“From the Lab to the Cockpit: The Development and Analysis of Quantifiable Measures of Goal-Directed Actions Through Gaze Behaviour”

Brown, Ronald Benjamin (Public Health Sciences)

“Breast Cancer Risk Associated With Phosphate Toxicity”

Conway, Emma Elizabeth (Public Health Sciences - Aging, Health and Well-Being)

“Assessing the Use of Research Techniques for Supporting the Engagement of People Living With Dementia in Research”

Herati, Hoda (Public Health Sciences)

“Exploring the Determinants That Contribute to and Promote the Wellbeing of Immigrant and Refugee Children in Canada”

Hutchinson, Joy Miranda (Public Health Sciences)

“Advancing Methods to Capture and Analyze Dietary Patterns”

Major, Maria (Public Health Sciences)

“Estimating Incidence of Infectious Diseases in Canada Beyond Surveillance”

McCorrison, Jennifer Elizabeth (Public Health Sciences)

“Exploring Young Women’s Conceptualization of Sexuality: A Narrative Inquiry”

Mulla, Reem Taj-assir (Public Health Sciences - Aging, Health and Well-Being)

“Transitions in Mood Among Residents of Canadian Long-Term Care Facilities: The Effects of COVID-19 Individual Risk Factors and Regional Characteristics”

Pepetone, Alexandra Jane (Public Health Sciences)

“Food Insecurity Among Adults and Adolescents in Australia, Canada, Chile, Mexico, the United Kingdom, and the United States Before and During the Coronavirus Disease 2019 Pandemic”

Pinto, Brendan Luke (Kinesiology)

“Effects of Posture and Trunk Muscle Coordination on Multi-Joint Isometric Lifting Strength: Implications for Individualised Movement Assessment and Intervention”

Selvaratnam, Vinurshan (Recreation and Leisure Studies)

“Understanding Consumers’ Intentions to Purchase Technological Innovations in the Context of Sport”

MASTER OF ARTS

Azam, Arefin (Recreation and Leisure Studies)

Campbell, Jenna Catherine (Recreation and Leisure Studies)

Cao, Xuanrui (Recreation and Leisure Studies)

Fujii, Travis Weilong (Recreation and Leisure Studies)

Li, Yao (Recreation and Leisure Studies)

Lovie, Connor William (Recreation and Leisure Studies)

Wilts, Elise Janna (Recreation and Leisure Studies)

MASTER OF HEALTH EVALUATION

Jafaq, Hussain Karim
Morgan, Kathryn Renée

MASTER OF HEALTH INFORMATICS

Brown, Terece Kristina
Cifra, Laslo
Han, Lixin
Yang, Anjie
Zhu, Ying

MASTER OF KINESIOLOGY

Crooks, Grace Sarah Elizabeth
Granger, Emily Anne
Hewitson, Brandon
Ho, Cheuk Hei Harriet

McClennan, Sarah Nicole
McKinnon, Katrina Nicole
Suleiman, Karum
Vozza, Sofia Isabella
Weese, Elizabeth Anne
Zhao, Chenyang

MASTER OF PUBLIC HEALTH

Abbasi, Sehrish Asghar
Ahmed Mohamed, Zein Idyle
Azam, Saida Fathima
Bajwa, Ghania
Bassiri, Farnaz
Burgess, Sydnee
Cammy, Amelia Rose
Dales, Meridith Sarah
Dayaram, Homeshwar
Delaney, Jessica Lynn
Densham, Reed Hunter
Dhillon, Simrit
Du, An Yi
Griffin, Sarah Elizabeth
Hafez, Nada
Hemmings, Jessica Janet Marie
Khatra, Dipinder Kaur
Kutuadu, Pamela Dawn
Kyeame, Roselyn Adomakoh
Lago, Kyle
Lima, Maritza Zuliana
Linton, Briana Summer
MacDonald, Patricia Anne
Magalhaes, Karina
McLennan, Lauren Katherine
Mehrotra, Mahima
Michael, Monica
Mohamed, Asha Ahmed
Northrup, Daniella Dawn
Orimalade, Tinuade Titilade
Prem Nawazdeen, Fathima Hafsha
Qutub, Mona
Said, Khalid
Seles, Kathleen Susanne
Srivastava, Shloke
Trpeski, Naumce
Williams, Hafsat Omotara
Wong On Wing, Jenna Sandrine
Xu, Si Yuan
Yohannes, Saron

MASTER OF SCIENCE

Beggs, Bridget Elizabeth (Public Health Sciences)

Beshay, Daniel (Kinesiology)

Currie, Daniel (Kinesiology)

D’Mello, Kimberly Anne (Public Health Sciences)

Endresz, Nicole (Public Health Sciences)

Garcia-Barrios, Joshua (Public Health Sciences)

Jackson, Meagan Samantha (Public Health Sciences)

Lupoi, Laura Marie (Public Health Sciences)

Milano, Alyssa Danielle (Public Health Sciences)

Mughal, Simran (Kinesiology)

Nasir, Mohad (Kinesiology)

Pulford-Thorpe, Alexis (Kinesiology)

Salazar, Mario Esteban (Kinesiology)

Sharma, Kamakshi (Public Health Sciences)

Slofstra, Kathleen Nicole (Public Health Sciences)

Webster, Kathryn Frances (Kinesiology)

Zafar, Elizabeth Michelle (Kinesiology)

MASTER OF SOCIAL WORK

Akhtar, Usman

Amos, Michelle Marie

Andrews, Caroline Anne

Arner, Lindsay

Awan, Mahe Nau Munir

Ball, Ramanteerth

Benoit, Jerica Elizabeth Ann

Beresford, Marissa M

Berry, Victoria Rae

Boddington, Samantha

Bourque, Nicole Lynn

Brown, Alexandra Lynn

Brown, Jessica

Caravaggio, Olivia Rose Nicole

Chalmers, Barry

Chan, Fung-shan

Corvec, Meghan Elizabeth

Coyle, Claire Coffey

Csanadi, Adriana Nicole

Currie, Leah Jane

Dale, Shantell Victoria

DeBreau, Katelyn Merrie Madeline

DeRosa, Ashley Marie

Doucette, Sherry Lynn

Dragusha, Finesa

Drummond, Laura

Elborno, Sawsan

Erison, Jodi Kathleen

Finley, Courtney Michelle

Gage, Jenny

Garc, Kimberley

Genosa, Mary Wendel

Greenop, Emily

Healey, Krista Marie

Hurlington, Alvea Dule

Iannace, Julia Claudette

Johnson, Stacy Latara

Jun, Lucy

Lambe, Heather Audrey

Lau, Wan Kei

Lauzon, Hollie

Leslie, Gregory Neil

Levac, Stephanie Lynn

Loop, Christine M

MacAulay, Taitum

MacDonald, Robyn Elizabeth

MacPhail, Katelyn

MacRae, Christa Michelle Marie

Maillet, Michelle Anne

Malton, Rodrick

Marceau, Sophie Monique

Marie, Rame

Martin, Michele

Masood, Mario

McLeod, Taylor Ann

Membury, Cristine Claudia

Meyer, Amy Nadine

Millar, Lucas Brett

Millen, Jodian Shamesa

Miller, Melissa

Miller, Michelle

Milne, Rachel Mary Elizabeth

Morales, Evelyn Xiomara

Mosher-Sabine, Evelyn Aileen

Murphy, Nicole

Njoku, Queen

O'Dea, Amy

Orukpe, Otaigbe Stephen

Osamusali, Anwuli Olivia

Owomero, Joanne Oghale

Oyinloye, Bamidele Femi

Pikelin, Gilda Pollack

Powell, Alexandra

Power, Samantha June

Pretheepkumar, Ramya

Prikosovich, Laura Elizabeth Rose

Rand, Kaleigh

Raphael Alexis, Marie Laura

Rogers, Sierra Rose

Royle, Kiera Elizabeth

Sharma, Divya

Shears, Cameron Oliver

Short, Margaret Ann Shano

Skinner, Dalena

Smith, Caelee Jane

Spivak, Kari Linda

Spooner, Allie Heather

Sullivan, Courtney Jayne

Tadesse, Dawit

Tarfa, Cassandra Anne

Thomas, Alicia

Thomason, Tina Marie

Thompson, Shaelyn

Tremblay, Sarah

Urquhart, Truly Gail

Varosi, Elena

Vokey, Amy Ann

Weston, Kathryn Soares

Whalen, Dorian

Youden, Megan Andrea

GRADUATE CERTIFICATE

Gill-Chawla, Navjot (University Teaching)

Salim, Shahan (University Teaching)

Sousa, Sarah (University Teaching)

Tomas, Giana Cecille Louise (University Teaching)

Yeboah, Juliet Otema (University Teaching)

GRADUATE DIPLOMA

Lago, Kyle (Computational Data Analytics for the Social Sciences and Humanities)

Undergraduate degrees

FACULTY OF HEALTH

BACHELOR OF ARTS

HONOURS PROGRAM

Ali, Wahaab Jawaid (Recreation and Sport Business – Co-operative Program) *

Amaria, Persez (Therapeutic Recreation – Fine Arts Studio Minor – Co-operative Program) †

Araujo, Angel Esteban (Recreation and Sport Business – Event Management Minor) *

Cho, Young-Vin Vincent (Recreation and Sport Business – Economics Minor, Entrepreneurship Minor – Co-operative Program) *

Dawdy, Kyle Grant (Recreation and Sport Business – Event Management Minor – Co-operative Program) *

De Michele, Matthew Nicholas (Recreation and Sport Business) †

Dhinsa, Harleen (Recreation and Sport Business – Event Management Minor)

Friel, Hannah Denise (Therapeutic Recreation) *

Gordon, Zachary Thomas (Recreation and Leisure Studies – Event Management Minor – Co-operative Program)

Hirji, Faiz-Ali (Recreation and Sport Business)

Jack, Mallorie Jillian (Recreation and Leisure Studies)

Jia, Mingya (Recreation and Sport Business)

Johnson, Hannah Grace (Therapeutic Recreation) *

Lai, Angela Yan Lok (Therapeutic Recreation – Gerontology Minor – Co-operative Program) *

LEE, YU-CHIEH (Therapeutic Recreation) †

Mansour, Hani (Recreation and Sport Business) *

Mckinley, Madison Reece (Therapeutic Recreation/Aging Studies Option) *

Paquin, Emily Aurea (Recreation and Leisure Studies – Event Management Minor)

Purdon, Kendra Ryan (Therapeutic Recreation – Co-operative Program)

Rempel-Bekkers, Eden (Therapeutic Recreation) *

Sprackman, Cooper Davis (Recreation and Sport Business – Event Management Minor) †

Tang, Megan Tu Nghi (Therapeutic Recreation – Addictions, Mental Health and Policy Minor, Cognitive Science Minor – Co-operative Program) *

Thiessen, Monika (Therapeutic Recreation) †

To, Jennifer (Therapeutic Recreation & Joint Honours Psychology – Addictions, Mental Health and Policy Minor) †

Zhang, Ao (Recreation and Sport Business – Co-operative Program)

BACHELOR OF PUBLIC HEALTH

HONOURS PROGRAM

Bhujel, Anu (Pre-Clinical Specialization/Aging Studies Option – Co-operative Program)

Blank, Lisa (Environment, Resources and Sustainability Minor) †

Chowdhury, Subah Monira *

Dontoh, Renee Esi (Co-operative Program) †

Gul, Munazza (Addictions, Mental Health and Policy Minor) *

Kardam, Jahnavi (Co-operative Program)

Rosenfeld, Zachary Paul (Addictions, Mental Health and Policy Minor) *

Sivaruban, Nirusha (Aging Studies Option) *

BACHELOR OF SCIENCE

GENERAL PROGRAM – FOUR YEAR

Brown-Reynolds, Shamar Davion (General Kinesiology)

Jerinic, Tea (General Kinesiology)

Lall, Chantel Latika (General Kinesiology – Rehabilitation Sciences Specialization)

Udomsawat, Sirinthorn Maggie (General Kinesiology – Psychology Minor)

HONOURS PROGRAM

Asokan, Komahal (Health Studies/Aging Studies Option – Co-operative Program) †

Baribeau, Lucas David Nixon (Kinesiology) †

Basra, Jappan (Health Sciences – Pre-Clinical Specialization) †

Boni, Keaton Dillon (Kinesiology – English Language and Literature Minor)

Brown, Laine Emerson (Kinesiology)

Bungay, Chris Danniell (Kinesiology)

Cameron, Michael James (Kinesiology) *

Charette, Marie-Josée Katherine (Kinesiology – Co-operative Program) †

Chatterpaul, Rudradat (Kinesiology – Co-operative Program) *

Chaytha, William (Kinesiology – Co-operative Program) *

Crawford, Meagan Olivia (Kinesiology – Rehabilitation Sciences Specialization) †

Dong, Eric (Kinesiology) †

Faarah, Tasnim Mahamood (Health Studies/Aging Studies Option) *

Fuerth, Gabrielle Marie (Kinesiology) †

Grafton, Scott (Kinesiology) *

Hassan, Rammah Yahia (Health Studies – Co-operative Program)

Holowaychuk, Lucas Yardley (Kinesiology) *

Howell, Meaghan Alexandra (Kinesiology – Rehabilitation Sciences Specialization)

Islam, Noor Ayla (Kinesiology)

Jameel, Tuqa (Kinesiology) *

Khan, Nabeeha Niaz (Health Studies) †

* – Distinction

† – Dean's Honours

Kulafi, Lumnije (Kinesiology –
Medical Physiology Minor –
Co-operative Program) †

Lee, Evan Owen (Kinesiology)

Nguyen, Trizzie Phuong Trinh
(Kinesiology & Joint Honours
Psychology)

Piticaru, Jessica Annabel Tehya
(Kinesiology – Gerontology Minor)

Seebalak, Alicia (Health Studies &
Joint Honours Psychology)

Senthilvelan, Sharangan
(Kinesiology – Economics Minor –
Co-operative Program) *

Shefa, Negeena (Kinesiology –
Co-operative Program)

Shen Cao, Kevin Weijie (Kinesiology) †

Teklehaimanot, Mahlet Yeshitila
(Health Sciences – Pre-Clinical
Specialization) *

Thao, Isabelle Cy (Health Studies)

Toor, Puneet Kaur (Kinesiology –
Psychology Minor)

Tramble, Megan Elizabeth (Health
Studies/Aging Studies Option –
Co-operative Program) †

Turi, Rebecca Renee (Kinesiology –
Music Minor)

DIPLOMA IN ENVIRONMENTAL ASSESSMENT

Blank, Lisa

DIPLOMA IN GERONTOLOGY

Johnson, Hannah Grace
Rempel-Bekkers, Eden
Thiessen, Monika

DIPLOMA IN SUSTAINABILITY

Blank, Lisa

CERTIFICATE IN EXPERIENTIAL EDUCATION

Rosenfeld, Zachary Paul
To, Jennifer

* – Distinction

† – Dean's Honours

Outstanding achievements

FACULTY OF ENVIRONMENT

MEDALS AND AWARDS

**FINALIST FOR THE UNIVERSITY OF
WATERLOO ALUMNI GOLD MEDAL**

Doctoral

Guneet Sandhu (Spring 2024)

FACULTY OF HEALTH

MEDALS AND AWARDS

**FINALIST FOR THE UNIVERSITY OF
WATERLOO ALUMNI GOLD MEDAL**

Doctoral

Michela Janelle Stinson (Spring 2024)



AFTERNOON CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF MATHEMATICS

Graduate degrees

FACULTY OF MATHEMATICS

DOCTOR OF PHILOSOPHY

Abo, Stephanie Marie Colette

(Applied Mathematics)
“Multiscale Modelling of Biological Rhythms and Systems”

Alalabi, Ala' Waddah (Applied Mathematics)

“Controller and Observer Designs for Partial Differential-Algebraic Equations”

Bühler, Alexandra (Statistics - Biostatistics)

“Estimands in Randomized Clinical Trials With Complex Life History Processes”

Chen, Chun-Hao (Applied Mathematics)

“Hopf 2-Algebras: Homotopy Higher Symmetries in Physics”

Chen, Liang (Applied Mathematics)

“Collective Dynamics of Large-Scale Spiking Neural Networks by Mean-Field Theory”

Chen, Meixi (Statistics)

“Efficient Bayesian Computation With Applications in Neuroscience and Meteorology”

Hagar, Luke Montana (Statistics)

“Design With Sampling Distribution Segments”

Hajebi, Sepehr (Combinatorics and Optimization)

“Foreshadowing the Grid Theorem for Induced Subgraphs”

Han, Xiyue (Actuarial Science)

“The Roughness Exponent and its Application in Finance”

Huang, Jingyue (Statistics)

“Empirical Likelihood Methods for Causal Inference”

Huang, Zhenzhen (Actuarial Science)

“Estimation Risk and Optimal Combined Portfolio Strategies”

Iliashenko, Anton (Pure Mathematics)

“Topics in the Geometry of Special Riemannian Structures”

Jiao, Zhanyi (Actuarial Science)

“Optimization, Model Uncertainty, and Testing in Risk and Insurance”

Lang, Christopher James (Pure Mathematics)

“Solitons With Continuous Symmetries”

Li, Minghan (Computer Science)

“Pretrained Transformers for Efficient and Robust Information Retrieval”

Lin, Liyuan (Actuarial Science)

“Measures for Risk, Dependence and Diversification”

Luo, Yudong (Computer Science)

“Policy Learning Under Uncertainty and Risk”

Millan Arias, Pablo Andres

(Computer Science)
“Deep Unsupervised Learning for Biodiversity Analyses: Representation Learning and Clustering of Bacterial, Mitochondrial, and Barcode DNA Sequences”

Monahan, Sean Patrick Michael

(Pure Mathematics)
“Horspherical Geometry: Combinatorial Algebraic Stacks and Approximating Rational Points”

Na, Andrew Sang-Do (Computer Science)

“Efficient Machine Learning Methods for Solving Hamilton-Jacobi-Bellman Equations in Finance”

Olson-Harris, Nicholas Shilo

(Combinatorics and Optimization)
“Some Applications of Combinatorial Hopf Algebras to Integro-Differential Equations and Symmetric Function Identities”

Philbrick, Gregory (Computer Science)

“Writing My Own Line Drawing Software as an Artist”

Sasy, Sajin (Computer Science)

“Privacy-Preserving Communications From Privacy-Preserving Computations”

Scott, Joseph (Computer Science)

“Meta-Solving via Machine Learning for Automated Reasoning”

Smirnov, Alexey (Applied Mathematics)

“Discrete Total Variation in Multiple Spatial Dimensions and its Applications”

Suter, Aiden Daly (Pure Mathematics)

“Mathematical Aspects of Higgs & Coulomb Branches”

Tracey, Justin (Computer Science)

“Raising the Bar on Lowering Barriers: Improving Ease of Research and Development Contributions to Privacy Enhancing Technologies”

Valipour, Mojtaba (Computer Science)

“Symbolic Regression and Sequence Modelling With Conditional and Dynamic Language Models”

Wang, Yiran (Statistics)

“Modeling and Bayesian Computations for Capture-Recapture Studies”

Wang, Yuan (Applied Mathematics)

“Space-Time Hybridizable Discontinuous Galerkin Method for the Advection-Diffusion Problem”

Wdowinski, Ronen Marcelo

(Combinatorics and Optimization)
“Arboricity and Transversal Problems on Bounded Degree Graphs”

Zhang, Mengyao (Applied Mathematics)

“On Convergence Analysis of Stochastic and Distributed Gradient-Based Algorithms”

Zhang, Wenling (Statistics)

“Estimation Methods With Recurrent Causal Events”

Zhang, Yuanyuan (Actuarial Science)

“Robust Decision-Making in Finance and Insurance”

Zhang, Zhongwen (Computer Science)

“Unsupervised Losses for Clustering and Segmentation of Images: Theories & Optimization Algorithms”

Zhao, Yuming (Pure Mathematics)

“Tsirelson’s Bound and Beyond: Verifiability and Complexity in Quantum Systems”

MASTER OF ACTUARIAL SCIENCE

Aguer Martinez, Giselle

Du, Chenyu

Gupta, Anmol

Moss, Richaun

Ogunsanya, Tinuola Adedayo

Sohi, Baljit Singh

Wu, Yiwei

Yiu, Chun Lok

Zhang, Jianlong

Zhang, Xiaoteng

Zhang, Yinsen

MASTER OF MATHEMATICS

Adhikari, Manoj (Computer Science)
Ahmed, Ashraf (Statistics)
Ahmed, Nasif (Computer Science)
An, Shuyi (Biostatistics)
Arpaci, Onur Eren (Computer Science)
Arun Naik, Shreya (Computer Science)
Awosoga, Oluwatofunmi David (Data Science)
Bajaj, Sidharth (Statistics)
Bal, Jashanpreet (Pure Mathematics)
Bumbulis, Laura Sylvia (Statistics)
Cantwell, Amelia (Combinatorics and Optimization)
Chan, Bernadette Lok-Yan (Biostatistics)
Chan, William (Combinatorics and Optimization)
Chang, Haocheng (Applied Mathematics)
Chang, Raymond Ken-Hung (Computer Science)
Chen, Xingyu (Biostatistics)
Cotra, Sonja (Applied Mathematics)
Cui, Wen (Computer Science)
Dabi, Olana Angesa (Biostatistics)
Das, Kritika (Biostatistics)
DeHaan, Ian Jeffery (Combinatorics and Optimization)
Etsenake, Deborah Ogagaoghene (Computer Science)
Falkenholt, Todd Jared Otke (Pure Mathematics)
Feng, Andrew (Pure Mathematics)
Fu, Yen-Kang (Pure Mathematics)
Gajendragadkar, Rohit (Statistics)
Gano, Jesah Reyes (Computer Science)
Ge, Runze (Biostatistics)
Glabush, Lewis Alexander (Combinatorics and Optimization)
Haddady, Aryan (Computer Science)
Hsieh Jarov, Seraphim (Pure Mathematics)
Huang, Zipeng (Statistics)
Idialu, Oseremen Joy (Computer Science)
Ikosin, Jeremiah Godwin (Computer Science)
Jayyusi, Basel (Applied Mathematics)
Kara, Omer Ege (Applied Mathematics)

Kathuria, Kriti (Computer Science)
Kaur, Amandeep (Computer Science)
Ke, Xiang Yun (Computer Science)
Kendal-Freedman, Nat Michael (Applied Mathematics)
Khatun, Aisha (Computer Science)
Ko, Myoungjin (Statistics)
Kodeiri, Sara (Computer Science)
Kokic, Senad (Statistics)
Kroitor, Alexander Paul (Combinatorics and Optimization)
Legare, Sierra (Applied Mathematics)
Li, Huaijin (Statistics)
Li, Tianle (Computer Science)
Liao, Victor (Pure Mathematics)
Lim, Jun Qing (Computer Science – Co-operative Program)
Liscio, Christopher (Computer Science)
Liu, Zeyi (Combinatorics and Optimization – Quantum Information)
Ma, Runqi (Actuarial Science)
Malinowski, Victor Michael (Biostatistics)
Manzoor, Aareyan (Pure Mathematics)
Mawer, Ken (Statistics)
McArthur, Koi R (Applied Mathematics)
Mohanty, Ipsita (Computer Science)
Murugesan, Ramana (Pure Mathematics)
Oladipo, Akintunde Oluwatobiloba (Computer Science)
Pang, Wei (Computer Science)
Pavlovic, Viktor (Combinatorics and Optimization)
Pierson, Laura (Combinatorics and Optimization)
Poulin, Joseph (Applied Mathematics)
Pugsley, William (Computational Mathematics)
Qiao, Xinjie (Biostatistics)
Qin, Yicheng (Statistics)
Quan, Hao (Actuarial Science)
Reisser, Barbara Maria Irmgard (Actuarial Science)
Rocco, Jonathan (Statistics)
Romshoo, Faisal (Pure Mathematics)
Shahid, Rizwan (Computer Science – Co-operative Program)
Shim, Kyu Min (Data Science)

Sivathayalan, Janani (Biostatistics)
Skitsko, Jacob (Combinatorics and Optimization)
St.Denis, Matthew Richard (Combinatorics and Optimization)
Sun, Tianqi (Actuarial Science)
Vlachos, Panagiotis (Applied Mathematics)
Wang, Chengzhi (Statistics)
Wang, Jingjing (Computer Science)
Wang, Mushi (Computer Science)
Wang, Ruizhe (Computer Science)
Wolfe, Jaymee Julian (Pure Mathematics)
Wu, Ryan Peiyu (Statistics)
Xu, Chenrui (Combinatorics and Optimization)
Yen, Hen Chen (Computer Science)
Young, Evan Thomas (Pure Mathematics)
Yu, Jiangyue (Computer Science – Co-operative Program)
Yu, Zhi Ying (Computer Science)
Yuan, Dao Chen (Combinatorics and Optimization)
Yuan, Lilian Lynette Quan (Statistics)
Zang, Boren (Computer Science)
Zhang, Bohan (Computer Science)
Zhang, Daniel (Statistics)
Zhang, Zehao (Computer Science)
Zhang, Zexiang (Actuarial Science)
Zhao, Yixing (Statistics)
Zheng, Shuxin (Statistics)
Zhu, Xiaoyu (Pure Mathematics)

MASTER OF MATHEMATICS FOR TEACHERS

Abdulla, Raafa
Ahn, Daniel Dabin
Allard, Jason
Appelt, Benjamin Cole Gerhard
Ara, Luisa Lorena
Belcastro, Michael Anthony
Black, Cameron Lee
Blinkhorn, Jamieson William
Doerksen, Jason Tyler
Engli, Gabrielle Maria
Fakhri, Monica Marina
Frank, Mary Marlene
Gagnier, André
Garnham, Anna-Maria
Green, Landon Gary
Guy, Wilhelm Michael
Hughes, Frances Ann
Keeling-Cooper, Erin Anne

Kobbi, Faten
Lee, Erick Paul
Lexmond, Jennifer Antonia
Li, Jiwei
MacDonald, Tracy-Ann
Martin, Joshua William
Millar Usiskin, Aaron Joseph
Nicholson, Brent Allan
Perczyszyn, Michael Daniel
Power, Kelly Lynn
Reinhart, Michael
Steinke, Nicholas Evan
Wright, Shanine Antoinette
Yang, Xia

MASTER OF QUANTITATIVE FINANCE

Li, Hantang
Orok, Gavin Jeffrey

GRADUATE CERTIFICATE

Howell, Brittany Irene (University
Teaching)

Undergraduate degrees

FACULTY OF MATHEMATICS

BACHELOR OF COMPUTER SCIENCE

HONOURS PROGRAM

Abid, Mohamed Malek (Artificial Intelligence Specialization – Cognitive Science Minor)
Bal, Jasmine Kaur *
Boikov, Anton Daniel *
Cao, Kefan †
Chen, Andy Kaiqi *
Chen, Houjin †
Chen, Shaojun (Combinatorics and Optimization Minor, Computational Mathematics Minor) *
Dureja, Arnav (Business Administration and Computer Science) *
Dureja, Pranav (Business Administration and Computer Science) *
Edward, Julian
Faez, Ali (Business Administration and Computer Science – Combinatorics and Optimization Minor)
Hogiu, Rareş Bogdan (Business Administration and Computer Science)
Hu, Ruiwen (Business Administration and Computer Science) †
Jibodu, Daniel Toluwalogo (Business Administration and Computer Science) *
Kim, Daekun †
Kwan, Justin *
Lee, Min-Kyu (Business Administration and Computer Science – Software Engineering Specialization) †
Leiva Treminio, Aksell Jose (Business Administration and Computer Science)
Li, Bill (Cognitive Science Minor)
Li, Raymond †
Liu, Charles Chiawin *
Lopez, Elijah (Business Administration and Computer Science) *
Lupyrypa, Brennan (Business Administration and Computer Science) *

Ly, Hani *
Maknojia, Ainafee Shiraz (Business Administration and Computer Science) *
Milanovic, Nikolas George (Business Administration and Computer Science) *
Muhammad, Uzair (Business Administration and Computer Science)
Nadeem, Mehr
Pahwa, Dev (Business Administration and Computer Science) *
Patel, Harsh †
Patel, Parth Pankaj
Petrovic, Mia (Business Administration and Computer Science) *
Razavi, Kian (Business Administration and Computer Science)
Saidoun, Kareem (Business Administration and Computer Science – Human-Computer Interaction Specialization & Software Engineering Specialization)
Shannon, Arielle Yosepha Ginzberg (Psychology Minor)
Sharma, Sejal (Business Administration and Computer Science) *
Sharma, Smriti (Statistics Minor, Economics Minor)
Singh, Harmanpreet (Business Administration and Computer Science)
Suleman, Shehryar (Business Administration and Computer Science) *
Verma, Prianshu (Business Administration and Computer Science)
Walsh, Alexander (Business Administration and Computer Science) *
Wang, Simon
Wang, Weiyu (Business Administration and Computer Science – Software Engineering Specialization) *
Wang, Zian *
Xu, Jonathan †
Yang, Dao Yuan (Business Specialization)

Yang, Luyu (Business Administration and Computer Science)
Zaki, Andrew Ehab
Zhang, Annie (Cognitive Science Minor)
Zhang, Edmond Zhi Le (Business Administration and Computer Science) *
Zhang, Huan
Zhou, Zhengjie †
Zhu, Yuanchuang (Business Administration and Computer Science) *

HONOURS CO-OPERATIVE PROGRAM

Abdul Rahim, Rami
Amri, Jason Nima (Business Administration and Computer Science – Artificial Intelligence Specialization) †
Arun, Prashanth Aravind (Combinatorics and Optimization Minor, German Minor) *
Awad, Elias Saïd (Business Administration and Computer Science & Honours Data Science) *
Chen, Baichuan (Pure Mathematics Minor) *
Ding, Hongyu *
D’Souza, Nolan
Duong, Brian (Business Administration and Computer Science) *
Guo, Yuxuan (Business Administration and Computer Science) †
Hu, Harry *
Jamal, Kanwal
Kabir, Miraal Humayun (Business Administration and Computer Science)
Khan, Beenish
Lai, Bennett Yu Hin
LaPorta, Adam Joseph Radigan (Combinatorics and Optimization Minor, East Asian Studies Minor) *
Lee, Justin Roger †
Lee, Kyung Jae †
Li, Jiaqi (Combinatorics and Optimization Minor) †

* – Distinction

† – Dean’s Honours

Li, Siyuan *

Lin, Calvin

Liu, Jeffery (Business Administration and Computer Science)

MacAlpine, Joshua Thomas

Mathew, Alan Cherian (Data Science)

Nadeem, Sohaib †

Quintana, Angel Gabriel (Combinatorics and Optimization Minor) *

Ranjit, Anupriyam (Business Administration and Computer Science) †

Shah, Neel Nimit (Business Administration and Computer Science) †

Song, Shawn Aaron Siyuan *

Tan, Nina *

Tao, Jin Yang *

Vinoj, Lakshmi (Human-Computer Interaction Specialization – Entrepreneurship Minor)

Walters, Dimitri Joshua (Management Studies Minor)

Wang, Catherine *

Wang, Helen Hongyun (Business Administration and Computer Science – Psychology Minor) *

Wang, Tian *

Warikoo, Ayush (Business Administration and Computer Science) †

Williamson, Scott Fraser Roberts (Philosophy Minor)

Xu, Mengni (Human-Computer Interaction Specialization – Statistics Minor) *

Yang, Di *

Yoon, Yu Gyeom (Artificial Intelligence Specialization – Economics Minor) †

Zhang, Wen Hui (Business Administration and Computer Science – Artificial Intelligence Specialization) †

Zhang, Yuanwei (Combinatorics and Optimization Minor, Economics Minor)

Zhao, Xuyang (Business Administration and Computer Science) †

Zhu, Vivian *

Zhu, Xiyuan

Zhu, Yongpeng †

Zuccherato, Simon Edward (Business Administration and Computer Science) †

Zwart, Timothy Ryk *

BACHELOR OF COMPUTING AND FINANCIAL MANAGEMENT

UNIVERSITY

HONOURS CO-OPERATIVE PROGRAM

Siri, Paul Mathew
Xu, Irene †

BACHELOR OF MATHEMATICS

GENERAL PROGRAM – THREE YEAR

Bahukhandi, Pooja
Bondoc, Philip Raphael
Horpichenko, Anastasiya *
JIANG, JUNHAN
Lee, Justin Tyler
Liu, Cong
Liu, Thomas
Mendez, Angel David
Nguyen, Andy Minh
Van Ryck Degroot, Lauren
Wade, Grace
Wang, Midi
Zhang, Yansen

GENERAL CO-OPERATIVE PROGRAM – THREE YEAR

Rego, Aldron Orvil
Zhou, Zhiyu

HONOURS PROGRAM

Barlow, Natasha Michelle (Business Administration and Mathematics)

Barthorpe, Alexander James (Business Administration and Mathematics)

Boyle, Aidan Leonard (Computer Science & Honours Pure Mathematics) †

Brinkerhoff, Samson Liam (Pure Mathematics) †

Carroll, Nolan Adler (Business Administration and Mathematics)

Chen, Chi Chau (Mathematical Studies – Statistics Minor)

Chen, Youwei (Mathematical Studies – Computing Minor, Statistics Minor)

Cheng, Zhuoxin (Statistics)

Clark, Rachel Alyssa (Business Administration and Mathematics) †

Cloughley, Cameron Zev (Business Administration and Mathematics & Honours Mathematical Finance) *

Cobean, Sarah Lynn (Business Administration and Mathematics – Computing Minor) *

Dai, Wan Ling (Business Administration and Mathematics – Computing Minor) *

Dong, Shixin (Mathematical Finance & Honours Statistics)

Du, Meilin (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization)

Du, Xinrui (Actuarial Science & Honours Statistics)

Durand, Colin Thomas (Business Administration and Mathematics & Honours Statistics) *

Durrani, Sehar (Business Administration and Mathematics – Computing Minor)

Elias, John Paul (Business Administration and Mathematics)

Fan, Xinmu (Statistics)

Feng, Yi (Mathematical Studies – Statistics Minor)

Fernandez, Jady Hilary (Mathematics/Business Administration)

Gao, Winston (Statistics & Honours Computational Mathematics)

Gu, Yuqi (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †

Gu, Zi Xi (Mathematical Studies) *

He, Yuying (Business Administration and Mathematics) *

He, Ziyi (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization & Joint Honours Statistics) *

Hext, Barrett Henry James (Pure Mathematics)

Hilliard, Tate Murray (Business Administration and Mathematics & Honours Statistics) *

Huang, Weile (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization) *

Huang, Xuwei (Mathematical Finance) *

Hyseni, Arkend (Business Administration and Mathematics – Computing Minor)

Jacobs, Laura Mary (Mathematics/Financial Analysis & Risk Management – Chartered Financial Analyst Specialization)

Jadeja, Viveka (Business Administration and Mathematics)

Ji, Jingyan (Mathematics/Financial Analysis & Risk Management – Professional Risk Management Specialization – Statistics Minor) †

* – Distinction

† – Dean's Honours

- Joseph, Don** (Information Technology Management)
- Kane Meilleur, Liam Andrew** (Mathematical Studies – Economic Theory Minor) †
- Kaniazova, Dilara** (Mathematics/Business Administration)
- Kim, Dohyung** (Business Administration and Mathematics – Computing Minor) *
- Kirichenko, Daniel** (Business Administration and Mathematics & Honours Statistics) †
- Laplante, Tara** (Business Administration and Mathematics) *
- Lasrado, Lariska Lancy** (Business Administration and Mathematics – Computing Minor) *
- Lau, Yan Yu Jenny** (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization)
- Lee, Pak Lam** (Computational Mathematics & Honours Combinatorics and Optimization – Computer Science Minor) †
- Li, Jessica Ruo-Lin** (Business Administration and Mathematics) *
- Li, Kejun** (Mathematics/Business Administration)
- Li, Peiran** (Mathematical Studies – Computing Minor)
- Li, Sixuan** (Statistics – Computational Mathematics Minor)
- Li, Xiang** (Computational Mathematics)
- Li, Xin Ming** (Computational Mathematics – Computing Minor, Economics Minor)
- Li, Yu** (Mathematical Physics – Pure Mathematics Minor, Astrophysics Minor) †
- Liang, Chen** (Statistics & Honours Actuarial Science)
- Liu, Aiqi** (Computational Mathematics – Statistics Minor)
- Liu, Shaochen** (Mathematical Studies – Statistics Minor, Computing Minor)
- Liu, Shiyi** (Computational Mathematics & Honours Statistics)
- Liu, Yuke** (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization) *
- Lohana, Prerna** (Actuarial Science – Statistics Minor)
- Ma, XiangYu** (Statistics) *
- Ma, Yangze** (Mathematical Studies – Business Specialization)
- Ma, Zichao** (Computational Mathematics – Computing Minor)
- Macpherson, Samantha Eleanor** (Business Administration and Mathematics – Computing Minor) *
- Mao, Junjie** (Computer Science & Joint Honours Combinatorics and Optimization)
- Miljević, Nikola** (Combinatorics and Optimization – Pure Mathematics Minor)
- Muhammad, Azan Akram** (Statistics – Computing Option)
- Nguyen, Thinh Duc** (Computational Mathematics – Pure Mathematics Minor, Combinatorics and Optimization Minor, Computing Minor)
- Nickel, Justin Matthew** (Pure Mathematics – Music Minor) *
- Oh, Junseok** (Information Technology Management)
- Osita, Sebastine Chika** (Computational Mathematics – Statistics Minor)
- Patel, Parth** (Computational Mathematics – Computing Minor, Combinatorics and Optimization Minor)
- Patrón Fonseca, Oscar** (Pure Mathematics & Honours Combinatorics and Optimization) †
- Qiu, Xinrong** (Computer Science & Honours Statistics) †
- Rahman, Ahmad Mikail** (Computer Science)
- Rakhraj, Mansukh Singh** (Statistics)
- Ramaj, Albi** (Computational Mathematics) *
- Ran, Yuhui** (Combinatorics and Optimization)
- Singh, Jason** (Statistics – Actuarial Science Minor)
- Sivasegaran, Swethan** (Combinatorics and Optimization & Honours Computational Mathematics – Pure Mathematics Minor)
- So, Kyoungkyu** (Computational Mathematics)
- Somani, Inaara** (Business Administration and Mathematics – Statistics Minor, Computing Minor) †
- Song, Kaixi** (Statistics – Actuarial Science Minor)
- Sun, Jinke** (Computational Mathematics & Honours Statistics)
- Sun, Shuoting** (Mathematical Studies)
- Taian, Quan Cheng** (Computer Science) †
- Tang, Song** (Biostatistics)
- Twiss, Shayne** (Business Administration and Mathematics – Computing Minor)
- Wang, Ruoyu** (Statistics)
- Wang, Yuchen** (Mathematical Studies – Business Specialization – Computing Minor)
- Wang, Yufei** (Mathematical Studies – Statistics Minor, Economics Minor)
- Wang, Yuyao** (Mathematics/Financial Analysis & Risk Management –Chartered Financial Analyst Specialization)
- Wen, Xinyu** (Mathematics/Financial Analysis & Risk Management–Professional Risk Management Specialization & Honours Statistics)
- Wu, Tianyi** (Statistics & Honours Computational Mathematics – Computing Minor) *
- Xiao, Yao** (Business Administration and Mathematics) *
- Xu, Jessica** (Statistics – Computing Minor, Music Minor)
- Yan, Yuchen** (Mathematics/Business Administration)
- Yang, Jiaxiang** (Mathematical Economics)
- Yoon, Hae Young** (Statistics – Computing Minor)
- Yu, Xinhe** (Statistics)
- Zaman, Farhan** (Mathematical Studies – Statistics Minor, Economics Minor)
- Zeng, Yuhong** (Combinatorics and Optimization & Honours Computational Mathematics – Statistics Minor, Computing Minor) *
- Zhang, Hao** (Statistics) *
- Zhang, Jingping** (Computational Mathematics – Combinatorics and Optimization Minor)
- Zhang, Yujie** (Mathematical Physics) †
- Zhao, Xinyue** (Mathematical Studies – Statistics Minor, Fine Arts Studio Minor)
- Zhong, Linsi** (Mathematical Studies – Statistics Minor)
- Zhou, Chengfeng** (Statistics & Honours Computational Mathematics) *
- Zhou, Xuanyu** (Mathematical Studies – Combinatorics and Optimization Minor, Statistics Minor)
- Zhu, Sixiao** (Statistics & Honours Computational Mathematics)

* – Distinction

† – Dean's Honours

HONOURS CO-OPERATIVE PROGRAM

Abdulrahman, Mohammed Diary (Data Science) †

Alamgir, Redowan (Mathematics/ Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Alexandrov, Stephen Eugene (Business Administration and Mathematics)

Alpaugh, Brian Gordon Ammie (Business Administration and Mathematics & Honours Statistics) *

Badwal, Prabh Simran Singh (Computational Mathematics – Applied Mathematics Minor)

Bailey, Davonic Marcus Alexander (Statistics)

Bal, Gurveer (Mathematics/ Financial Analysis & Risk Management-Chartered Financial Analyst Specialization) *

Bondar, Eric Arthur (Actuarial Science & Honours Statistics) *

Boparai, Jashan Singh (Business Administration and Mathematics & Honours Statistics)

Carvalho, Michael Alexander (Mathematics/Teaching – Computational Mathematics Minor, Combinatorics and Optimization Minor, Computer Science Minor) †

Chang, Kyle Wing-Kai (Business Administration and Mathematics & Honours Statistics) †

Chang, Shuqi (Mathematics/ Financial Analysis & Risk Management-Professional Risk Management Specialization & Honours Statistics) †

Chanprakaisi, Pirawit (Data Science) †

Chenvanich, Justin (Applied Mathematics – Computing Minor)

Emmanuel, Joshua Shanahen (Business Administration and Mathematics & Honours Actuarial Science – Statistics Minor) *

Fan, Kevin (Computational Mathematics – Computing Minor, Combinatorics and Optimization Minor)

Gu, Shiguang (Actuarial Science & Honours Statistics) *

Han, Yunqi (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Harrison, Reuben Carter (Computational Mathematics) *

Hashemi, Romina (Statistics – Pure Mathematics Minor) *

Henry, Mark Jotham (Actuarial Science & Honours Statistics)

Hou, Ziyu (Business Administration and Mathematics & Honours Statistics) †

Huang, Yiyang (Statistics – Actuarial Science Minor) *

Jin, Chenhao (Statistics)

Khural, Banat (Business Administration and Mathematics – Computing Minor)

Kim, Joonwoo (Computational Mathematics – Computing Option – Combinatorics and Optimization Minor)

Kioussis, John Ioannis (Applied Mathematics – Statistics Minor)

Kosaraju, Aasritha (Statistics)

Kugan, Tarani (Statistics – Computing Minor)

Kulkarni, Vandana Vinay (Computational Mathematics & Joint Honours Statistics)

Lakhani, Amal Sadiq (Business Administration and Mathematics – Computing Minor) *

Lee, Hoseok Matthew (Data Science) *

Lee, Steffie Hinmen (Statistics – Actuarial Science Minor)

Lee, Yerim (Statistics)

Lei, Mulin (Actuarial Science & Honours Statistics) *

Lewis, Tia Makayla (Actuarial Science – Finance Specialization & Honours Statistics)

Li, Dongying (Computer Science) †

Li, Xinzhu (Business Administration and Mathematics & Honours Statistics)

Li, Yangpenghao (Mathematics/ Financial Analysis & Risk Management-Professional Risk Management Specialization)

Lin, Frank ShiYao (Computer Science & Honours Computational Mathematics) †

Lin, Yifeng (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization) †

Lobo, Victoria Analise (Business Administration and Mathematics – Computing Minor) †

Macdonald, Wade Anthony (Mathematical Studies – Business Specialization)

Mahood, Adam Scott (Computational Mathematics – Computing Minor) *

Malhi, Zainab Asad (Mathematics/ Business Administration)

Mallinson, Morgan (Combinatorics and Optimization – Psychology Minor)

Mangla, Asad Qasim (Business Administration and Mathematics – Computing Minor) *

Manoharan, Vaishnav (Actuarial Science & Honours Statistics – Computing Minor)

Mapp, Lyam Anthony (Statistics – Actuarial Science Minor)

Margarit, Daria Ana Maria (Business Administration and Mathematics – Computing Minor)

Marsh, Timothy David Charles (Business Administration and Mathematics & Honours Statistics)

Mathew, Alicia Ann (Computational Mathematics – Computing Minor, Psychology Minor)

Miranda, Stuart Liam Ang (Statistics & Honours Computational Mathematics) †

Moniz, Aaron (Business Administration and Mathematics & Honours Statistics) *

Monteith-Pistor, Alexander (Combinatorics and Optimization & Honours Pure Mathematics – Computer Science Minor) †

Nair, Meenakshy Rajeev (Business Administration and Mathematics & Honours Actuarial Science) *

Nair, Neha (Business Administration and Mathematics – Computing Minor) *

Nguyen, Sarah (Business Administration and Mathematics – Computing Minor) *

Nie, Bowen (Biostatistics)

Nisha, Koonj (Statistics – Actuarial Science Minor)

Ong, Clara Putri (Statistics – Combinatorics and Optimization Minor)

Osland, Jordan Thomas (Business Administration and Mathematics & Honours Statistics – Computing Option) *

Park, Jack Alexander (Statistics)

Philip, Ruben Vivek (Mathematical Studies – Business Specialization – Computing Minor)

Pho, Timothy Alvin (Statistics)

* – Distinction

† – Dean's Honours

Pittman, Caleb Richard Bacani (Statistics – Computing Minor)

Poon, Tristen Chun To (Data Science) †

Ren, Jason Jiaxu (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization – Actuarial Science Minor) *

Ren, Lingqi (Statistics & Honours Combinatorics and Optimization – Economics Minor) *

Sapra, Arushi (Mathematical Studies – Pure Mathematics Minor, Combinatorics and Optimization Minor, French Minor)

Seale, Joshua R (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Shehdula, Alex (Business Administration and Mathematics & Honours Statistics) *

Shi, Victor (Mathematics/Business Administration)

Smith, Ethan McGregor (Mathematical Physics) †

Stratford, Charles Allan (Business Administration and Mathematics)

Subenderan, Eluxsana (Statistics – Computing Minor)

Suh, Jiwon (Actuarial Science & Honours Statistics) *

Supersad, Gabriella Jordan (Mathematics/Financial Analysis & Risk Management-Professional Risk Management Specialization) *

Tang, Sean (Business Administration and Mathematics & Honours Statistics – Computing Minor) *

Thasin, Maisha (Statistics & Honours Computational Mathematics – Computing Minor)

Toru, Muhammad Shahbaz (Statistics – Actuarial Science Minor)

Tsang, Jennifer (Business Administration and Mathematics – Computing Minor)

Turuta, Martin Christian (Business Administration and Mathematics – Statistics Minor)

Velocci, Haley Katherine (Business Administration and Mathematics – Statistics Minor) †

Viney, Jack Thomas (Business Administration and Mathematics – Computing Minor) †

Voong, Eric (Information Technology Management & Honours Computational Mathematics)

Wang, Jingxin (Statistics) *

Wang, Meini (Statistics)

Wang, Stanley Hanyu (Statistics – Computing Minor, Management Studies Minor)

Xu, Bowen (Business Administration and Mathematics & Honours Statistics) †

Yang, Tao (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization)

Yap, Ethan (Statistics)

Young, Emma Claire (Business Administration and Mathematics – Statistics Minor) *

Zhang, Alroy (Applied Mathematics) *

Zhao, Baixi (Mathematics/Financial Analysis & Risk Management-Chartered Financial Analyst Specialization & Honours Statistics) †

Zheng, Changyang (Statistics)

Zhong, Haiyue (Business Administration and Mathematics & Honours Statistics) *

Zhu, Kai Yi (Business Administration and Mathematics – Computing Minor)

DIPLOMA IN JAPANESE LANGUAGE I

LaPorta, Adam Joseph Radigan
Ren, Jason Jiaxu
Zheng, Changyang

DIPLOMA IN JAPANESE LANGUAGE II

Tang, Song

CERTIFICATE IN GLOBAL EXPERIENCE

LaPorta, Adam Joseph Radigan

CERTIFICATE IN EXPERIENTIAL EDUCATION

Joseph, Don
Osita, Sebastine Chika
Zhang, Annie

* – Distinction

† – Dean's Honours

Outstanding achievements

FACULTY OF MATHEMATICS

MEDALS AND AWARDS

THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL

**Outstanding academic performance
in a Doctoral program**

Nils Hendrik Lukas (Spring 2024)

FINALIST FOR THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL

Master's

Laura Pierson

K.D. FRYER GOLD MEDAL

Academic excellence and good citizenship

Kefan Cao



EVENING CEREMONY

Degrees and diplomas from:
UNIVERSITY OF WATERLOO
FACULTY OF SCIENCE

Graduate degrees

FACULTY OF SCIENCE

DOCTOR OF PHILOSOPHY

Banks, Lauren Katherine (Biology - Water)

“Patterns in Stream Biofilm Communities and Organic Matter Processing in an Agricultural Stream Network: A Multi-Scale Assessment of the Influence of Groundwater”

Budzik, Katarzyna (Physics)
“Twisted Holography in B-Model”

de Souza Leão Torres, Bruno (Physics - Quantum Information)
“Aspects of Quantum Information in Quantum Field Theory: Particle Detector Models, Entanglement, and Complexity”

Dubinsky, Samuel (Pharmacy)
“Use of Physiologically-Based Pharmacokinetic Modelling to Support Dose Optimization in the Critically Ill”

Foong-Reichert, Esther Ai-Leng (Pharmacy)
“Professional Regulation in Healthcare: Exploring Trends, Predictors, and the Disciplinary Action Process for Health Professionals in Canada”

Greenberg, Noah (Physics)
“Trapping of Ba⁺ Using an Autoionizing Resonance and Construction of an Academic Ba⁺ Testbed”

Lee, Ji Hoon (Physics)
“Branes and Relations in Holography”

Lorv, Sui Hoa Janet (Biology)
“Investigation of the Atypical Type III Secretion System in *Pseudomonas Syringae* Strains Using Long Read Sequencing Technology”

Luo, Xiuzhe (Physics)
“Programmatic Representation of Quantum Many Body Systems”

Madden, Amalia (Physics)
“New Experimental Observables for the QCD Axion”

Majidy, Shayan (Physics - Quantum Information)
“Effects of Noncommuting Charges in Quantum Information and Thermodynamics”

Ni, Chunchong (Physics)
“Leveraging Polarization in the Era of Submillimeter VLBI”

Oh, Sungeun (Physics)
“Entangled Photon Source for a Long-Distance Quantum Key Distribution”

Pîrvu, Dalila Maria (Physics)
“Dark Screening of the Cosmic Microwave Background with Hidden-Sector Particles and New Dynamical Observables in First Order Phase Transitions”

Rickert, Daniel Anthony (Chemistry)
“Towards the Development of a Prototype Ion Mobility Spectrometer”

Sang, Shengqi (Physics)
“Dynamics and Phases of Matter in Open Quantum Many-Body Systems”

Sherlekar, Nachiket (Physics - Quantum Information)
“Towards Gated Quantum Emitters From Undoped Nano-LEDs”

To, Avery Joseph (Chemistry)
“A Curiosity Driven Exploration of Hypervalent Iodine (III) Reagents”

Tran, Norman (Biology)
“Structural and Functional Characterization of a Modular Immunoglobulin A Protease From *Thomasclavelia Ramosa*”

Wiersema, Roeland Cornelis (Physics)
“Variational Quantum Computing: Optimization and Geometry”

Wu, Qihang (Earth Sciences)
“Numerical Modelling of Structural Patterns in Tectonic Flow With Applications to the Neoproterozoic Crustal Dynamics”

Xu, Yue (Physics - Nanotechnology)
“Effect of Trehalose and Lithium in Molecular Mechanism of Neuroprotection in Alzheimer’s Disease”

Youden, Brian Christopher (Biology)
“The Development and Evaluation of Next-Generation Metallic Nanomedicines for Oncology”

Zhao, Yichen Xiao-Xiao (Chemistry - Nanotechnology)
“Selection and Characterization of DNA Aptamers for the Detection of Antibiotics”

MASTER OF SCIENCE

Abu Farah, Joud Fathi Abdel Wah (Biology)

Abu Mazen, Nooran Usama (Biology)

Al Atrach, Mehdi (Vision Science)

Antu, Santanu (Physics)

Ayub, Asif Bin (Physics)

Baby, Bincy (Pharmacy)

Batten, Jamison Louis McClelland (Earth Sciences)

Bhardwaj, Rishav (Vision Science and Systems Design Engineering)

Bittencourt, Otavio D’Ambrosio Arounian Ramos (Physics)

Brassem, Grant William (Physics)

Brnovic, Marko (Physics)

Brunet, Melanie Jeannine (Earth Sciences)

Byres, Megan (Physics - Quantum Information)

Cheng, Yale (Physics)

Costales, Ralph Jason Loria (Physics)

Del Franco, Paul (Physics)

Ducatel, Jordan Frederic (Physics)

Gavarikar, Sana Manish (Biology)

Gouws, Jonathan Louis (Physics)

Graham, Pierre-Antoine (Physics)

Green, Danielle Carol (Earth Sciences - Water)

Griffiths, Erin Margaret Aurora (Biology - Water)

Hahn, Richard Lewis (Physics - Quantum Information)

Hak, Lucas Arie (Physics - Quantum Information)

Hamel, Michael Starr (Biology)

Hewitt, Guillaume Antoine Steinmetz (Physics)

Jashi, Zurab (Physics)

Jentz, Emelien Mariella (Pharmacy)

Kokaew, Wirawat (Physics)

Koutsikos, Thomas (Physics)

Latimer, Maureen Frances (Biology)

Leven, Catriona Suzanne (Biology)
Lew-Kowal, Grace Keanne (Biology)
Liang, Wenyao (Earth Sciences)
Liu, Xiaoyue (Chemistry)
Mazur, Sandra (Vision Science)
McDonald, Iain Matthew Hendry
(Chemistry)
McKenzie, Emily Jean (Biology)
Micol, Maita Carvalho (Physics)
Mrini, Luke (Physics)
Nair, Nikhil (Physics)
Nguyen, Alan Bao-Huy (Physics)
Nguyen, Thu Hang (Earth Sciences)
Nielson, Olivia (Physics)
Nodder, Ryan Christopher
(Pharmacy)
Oliveira Ferreira, Thiago (Physics)
Panahi, Yasamin Sadat (Physics)
Piatt, Matthew Scott (Physics -
Quantum Information)
Radchanka, Aliaksandra
(Chemistry)
SaraerToosi, Ali (Physics)
Scheinflug, Jaroslav (Physics)
Shah, Ruhi (Physics)
Shahnaz, Sakiba (Physics)
Shahsavari, Mohammad Navid
(Vision Science and Systems Design
Engineering)
Singh, Gurbahul (Physics)
Singh, Namanish (Physics -
Quantum Information)
True, Sarah Elizabeth (Physics)
Wah Kenounouh, Lavoisier Junior
(Physics)
Wang, Jiyuan (Physics)
Watt, Ethan Joseph (Pharmacy)
Weber, Allison Veronica (Biology)
Wilson, Hilary Nicole (Earth
Sciences)
Wu, Haoyu (Physics)
Yang, Yifan (Biology)
Zheng, Cheng (Physics)
Zia, David Shing-Hei (Chemistry)

GRADUATE CERTIFICATE

Ali, Sura (University Teaching)
Beaver, Rachel Catherine (University
Teaching)

Undergraduate degrees

FACULTY OF SCIENCE

BACHELOR OF SCIENCE

GENERAL SCIENCE – THREE YEAR

Agroiya, Briana †
Ahsan, Afeera (Psychology Minor)
Barot, Mann Manish *
Cheung, Ronan Chun Yuen (Biology Minor)
Chow, Toby Bocman
Dult, Daksh
Hirji, Ali-Rahim
Hossain, Sumaiya Manzur
Jaisankar, Mithun
Kabra, Ameya Nandkishor †
Karbasi, Babak
Lam, Wan-Yiu
Liao, Yu
Lotfy, Julia †
Maheswaran, Tanica (Biology Minor)
Morgan, Manuela Magid †
Najib, Sara (Biology Minor) †
Nawaz, Namrah *
Poitras, Michelle *
Ripley-Natarelli, Abigail Lea
Shahi, Dheran Singh
Shariati, Saba (Biology Minor) †
Sidhu, Sukhpreet Kaur
Smith, Nathaniel Ryan
Srivamathevan, Babishankar (Psychology Minor)
Vohra, Rhythm Rony

HONOURS PROGRAM

Academia, Christopher Buenviaje (Science)
Adeseiye, Ehimen (Biomedical Sciences – Psychology Minor)
Adeyemi, Olasubomi Muta-ali (Life Physics – Medical Physics Specialization – Co-operative Program)
Aggarwal, Neeraj (Science)
Al-Bayati, Rend (Science)
Allen, Seth Conas (Science and Aviation – Earth Sciences Minor)

Alqawlaq, Yazan Ahmad (Biology – Co-operative Program)
Ananthashangar, Thagsha (Science – Biology Minor)
Andres, Valerie Sayduen (Science)
Aquino, Andrew James Habon (Science and Aviation – Earth Sciences Minor) †
Aravindan, Sara Sahana (Biomedical Sciences – Medical Physiology Minor) *
Armstrong, Amanda Meagan (Biology – Environment, Resources and Sustainability Minor – Co-operative Program) †
Assudani, Nimisha (Biochemistry – Co-operative Program)
Ayad, Joyce (Science)
Ayyoob, Nuha (Science)
Bai, Melinda (Science)
Bang, Vivian (Science and Business/Biology) †
Bennis, Idriss (Science and Business – Co-operative Program)
Bhardwaj, Reema (Science)
Birsan, Ruth (Biomedical Sciences)
Borowiec, Dana Katharine (Science)
Brehaut, Andrew Francis (Physics and Astronomy – Co-operative Program)
Byer, Megan Jayne (Science)
Chan, Hansen Hon Sen (Biology – Computing Minor)
Charbonneau, Matthew Gerard (Physics and Astronomy – Co-operative Program) †
Chattopadhyay, Rajiv Kumar (Science – Physics Minor)
Chen, Stephanie (Science and Business – Co-operative Program)
Chong, Cassandra Victoria (Science)
Cobbinah, Tyler Osei (Biomedical Sciences)
Cochrane, Jack Robert (Biology) *
Colvin, Keegan Harold (Psychology) *
Constant, Patrick Rafat (Psychology – Computing Minor)

Coutinho, Amanda Olivia (Science)
Cowan, Phillip (Physics and Astronomy – Pure Mathematics Minor – Co-operative Program)
Dang, Michelle Ruby (Science – Biology Minor, Psychology Minor)
Deans, Thomas Richard (Science and Business)
Deng, Catherine (Science)
Deng, Hongji (Environmental Sciences/Ecology)
Desta, Samrawit (Science – Chemistry Minor)
Devey, Jakob Richard Robert (Physics – Astrophysics Minor – Co-operative Program) †
Dinsmore, Chloe Syrah (Science – Chemistry Minor)
Dodsworth, Emily Ann (Biology – Environmental Biology Specialization – Co-operative Program) †
Dolteanu, Emilia (Biology – Music Minor – Co-operative Program)
Eivinsen, Ethan Robert Louis (Science and Business – Co-operative Program)
Endersby, Chantal Janine (Science – Medical Physiology Minor)
Farid, Zaim (Biomedical Sciences)
Farrell, Hailey Lorine (Science and Business – Chemistry Minor – Co-operative Program) *
Fielding, Emma Elizabeth (Science)
Forcier, Taylor Eileen (Science)
Fung, Nicholas (Biology)
Fung, Yvonne Sze Hoi (Psychology)
Ghulam, Lina (Science)
Gifford, Hazel Christine (Physics – Philosophy Minor – Co-operative Program)
Grewal, Gursharan Kaur (Biology)
Grierson, Holly Elizabeth (Earth Sciences/Hydrogeology Specialization) †
Grover, Kritika (Biochemistry – Computing Minor – Co-operative Program) *

* – Distinction
† – Dean's Honours

Grywacheski, Jasmine Myst (Biomedical Sciences)

Guo, Sijia (Biochemistry – Co-operative Program)

Ha, Brittany Susan (Science)

Hanna, Madonna (Science)

Hanna, Monica (Science)

Hanna, Sarah (Science)

Hart, Tonia Vaiescha (Biochemistry – Co-operative Program)

Hatab, Catherine Gabriel (Science)

Hung, Doris (Science)

Huynh, Jennifer (Science)

Huynh, Tammy (Biomedical Sciences – Medical Physiology Minor)

Idahosa, Omosefe Jessica (Science – Computing Minor, Biology Minor)

Ihedimbu, Ijeoma Mavis (Biology – Co-operative Program) †

Iyer, Kalyani (Science – Biology Minor)

Jaiswal, Ananya (Science – French Minor)

Jariwala, Smita Manoj (Science) *

Jiang, Jeffrey Jiayi (Biochemistry – Co-operative Program)

Khan, Aruna Rehanna (Biology – Animal Biology Specialization)

Koomson, Ato (Biomedical Sciences)

Lam, Jeania (Science)

Landers, Julian Bergey (Physics and Astronomy – Co-operative Program) *

Lao, Colin (Science – Biology Minor, Computing Minor) †

Lee, Amy Juyeon (Science)

Lee, Jiyoung (Science)

Lee, Karen (Science)

Lefevre, Brandon John (Life Physics – Medical Physics Specialization – Co-operative Program) †

LeGrow, Marcus Joseph (Science and Business – Physics Minor)

Li, Mathew Man Wai (Biochemistry/Bioinformatics Option – Co-operative Program)

Liao, Justin De-Hsien (Science – Biology Minor)

Liu, Siwei (Biochemistry – Co-operative Program)

LUO, TIANCHEN (Physics – Computing Minor) *

Luo, Tianran (Science – Earth Sciences Minor)

Ma, Xinli (Science – Economics Minor, Biology Minor)

Maillet, Rémi Ronald (Biomedical Sciences)

Marandi, Kimia (Psychology – Biology Minor – Co-operative Program) †

Meng, Danny (Physics and Astronomy) †

Mikhnovskaya, Victoria (Science)

Moazzami, Kiarash (Science)

Mueni, Sharon (Science)

Mujeeb, Laiba (Science – French Minor) *

Mullins, Natasha Renee (Science)

Naeckel, Brittany Mae (Biology – Co-operative Program) *

Namgyal, Phuntsok (Science – Biology Minor)

Ng, Geoffrey Chun Hay (Science)

Nguyen, Kim Linda (Science)

Ogilvie, Sarah Mae Lois (Psychology – Biology Minor)

Oguntunde, Oluwatoni Jessica (Science and Business/Biology – Co-operative Program)

Oliphant, Madison Paige Victoria (Science and Business/Biotechnology – Co-operative Program) *

Omoregbee, Esosa Geraldine (Psychology – Biology Minor – Co-operative Program) †

Onyshko, Jordan Darren (Environmental Sciences/Ecology – Co-operative Program)

Osman, Dua'a (Science)

Pallisco, Julia Pauline (Science)

Pantzos, Alexandra Jamie (Science)

Passmore, Grace Marie (Science – Biology Minor)

Patel, Mansi (Science)

Pham, David Cong Phi (Science and Aviation – Physics Minor) *

Pires, Michael Christopher (Biochemistry – Co-operative Program)

Pushparaj, Gaayatiri (Biology – Psychology Minor – Co-operative Program)

Rabieenia, Armita (Science)

Rahman, Tasmia (Science)

Raza, Abeer (Science)

Reed, Sean Alexander (Science – Biology Minor, Economics Minor)

Regan, Amanda Jean (Biomedical Sciences) *

Romero, Jose Carlos (Science and Business – Physics Minor, Economics Minor – Co-operative Program)

Saleh, Hassin (Science)

Salib, Verina Samir Michael (Science)

Schultz, Sarah Mackenzie (Science)

Selkirk, Megan Lesley (Science – Astrophysics Minor)

Sequeira, Mandelina Perpetual (Science – Biology Minor, Psychology Minor)

Shah, Aryan Apurva (Science and Business)

Shaikh, Alyaa (Science)

Shanawaz, Shaayini Zavina (Science and Business – Co-operative Program) †

Shao, Jason Jiang (Biochemistry – Co-operative Program)

Sharma, Madhav (Science – Biology Minor)

Shoaib, Zuna Isha (Science)

Slatinoski, Tihomir (Earth Sciences/Hydrogeology Specialization)

Sluys, Mackenzie Jeffrey James (Earth Sciences/Hydrogeology Specialization – Biology Minor)

Smith, Hailey Alexandra (Science – Biology Minor)

Smith, James William Maclaren (Physics and Astronomy – Mathematics Minor – Co-operative Program)

Sodhi, Sukhman Kaur (Science and Business – Co-operative Program) *

Sohal, Gurleen Kaur (Science and Business – Co-operative Program)

Stevenson, Samuel Adam (Science)

Stewart, David Christopher (Science)

Subramaniam, Wenusa (Science)

Sun, Jiaao (Psychology)

Symss, Coby Jude (Science – Biology Minor) †

Tait, Rosie May (Environmental Sciences/Ecology)

Thind, Jannat Kaur (Science – Biology Minor, Psychology Minor)

Thomas, Patrick Scott (Materials and Nanosciences & Joint Honours Mathematics – Co-operative Program) †

Tran-Viet, Viviane Phuong Vi (Science and Aviation)

Tschirhart, Katherine (Chemistry – Co-operative Program)

* – Distinction

† – Dean's Honours

Vasiliou, Alexandra Maria (Science and Business/Biochemistry)

Weaver, Claire Eileen Janet (Science)

Wong, Sarah Lai San (Science)

Wong, Tsz shan (Science)

Wu, Quinlin (Science and Business/Biology – Co-operative Program) *

Wu, Wilson (Biochemistry – Co-operative Program)

Xu, Jingxuan (Science and Business/Biology – Co-operative Program)

Yakubowski, Stephanie Rachel (Science)

Yeverovich, Eva (Chemistry/Computational Specialization – Co-operative Program)

Zhang, Andy (Science)

Zhou, Jessie (Science – Biology Minor) *

Zhu, Grace (Science)

DOCTOR OF OPTOMETRY

Wang, Xue Ting

DOCTOR OF PHARMACY

CO-OPERATIVE PROGRAM

Abdelnour, Joseph *
Academia, Christopher Buenviaje †
Aggarwal, Neeraj
Al-Bayati, Rend
Ali, Parsa *
Andres, Valerie Sayduen *
Atabani, Yasmeen Karim *
Attwal, Jaskaran Singh *
Awad, Ashraf *
Ayad, Joyce *
Ayyoob, Nuha *
Bai, Melinda
Bains, Prabhjot Singh
Bhardwaj, Reema †
Borowiec, Dana Katharine †
Bouchard, Brooke Ann †
Brown, Avery *
Buote, Tyler Daniel †
Byer, Megan Jayne *
Chau, Kevin Duc Huy *
Chen, Chang Yi Rosa †
Chong, Cassandra Victoria
Comrie, Michaela Linda †
Costello, Heather Lynn *
Coutinho, Amanda Olivia *
Deng, Catherine *
Dosanjh, Simranjit Kaur *
Drake, Sarah Constance Maria
El Hamaida, Ahmed *
Elkoftangy, Sara Mohamed †
Forcier, Taylor Eileen

Foster, Ethan James †
Ghulam, Lina *
Gill, Jasdeep Kaur *
Gill, Rubina Kaur †
Guo, Irene Jiayu †
Ha, Brittany Susan †
Hanna, Madonna *
Hanna, Monica
Hanna, Sarah *
Hanna, William †
Hatab, Catherine Gabriel †
Hung, Doris †
Hussein, Mohamed Elhadi *
Huynh, Jennifer †
Jain, Bhawani *
Jain, Sonia *
Jariwala, Smita Manoj
Juras, Corinna Leanne
Karwal, Sapna †
Kolar, Kristina Nicole †
Ladak, Amyn *
Lam, Jeania *
Langford, Kalyn Marie †
Lee, Amy Juyeon †
Lee, Jeremy Al *
Lee, Jiyoung *
Lee, Karen *
Liu, Susana Jia Qi *
Lo, Stephanie Ka-Yee †
Lopuz, Carol
Ma, Si Qi
Mailloux, Jaymie Lee †
Matheson, Carter Bradley *
McCullough, Blair Lydia †
Mezenberg, Foxton Anthony Hunter †
Mikhnovskaya, Victoria †
Moazzami, Kiarash †
Morcos, Fady Ashraf
Mullins, Natasha Renee †
Ng, Geoffery Chun Hay †
Nguyen, Kim Linda
Nwaokocha, Olivia Ijeoma
Osman, Dua'a †
Pallisco, Julia Pauline *
Pantzos, Alexandra Jamie †
Patel, Benita *
Patel, Mansi *
Rabieenia, Armita *
Raza, Abeer *
Rodwell, Lindsay Anne †
Saleh, Hassin *
Salib, Verina Samir Michael †
Sandhu, Areet *
Schultz, Sarah Mackenzie *
Shaikh, Alyaa *
Shoib, Zuna Isha †
Snow, Brittany Anne *
Soni, Riya *
Sookbir, Stefan Shivan *
Squires, Jillian Paige *
Stevenson, Samuel Adam
Stewart, David Christopher †
Streight, Steven Robert
Subramaniam, Wenusa
Tang, Ivana Siu Pik †
Tannous, Christopher *
Tims, Kaila †
To, Christine Phuong

Toppari, Kristina Anne *
Wagg, Maxine Lizzy *
Weaver, Claire Eileen Janet *
Wong, Sarah Lai San
Wong, Tsz shan †
Yakubowski, Stephanie Rachel *
Yi, Sophie Jianglan *
Yung, Sonia Hoi Ching *
Zhang, Andy *
Zhu, Grace †

DIPLOMA IN ECOLOGICAL RESTORATION AND REHABILITATION

Dodsworth, Emily Ann

DIPLOMA IN FRENCH LANGUAGE I

Bang, Vivian

DIPLOMA IN FRENCH LANGUAGE II

Zhu, Grace

DIPLOMA IN SUSTAINABILITY

Dodsworth, Emily Ann
Passmore, Grace Marie

CERTIFICATE IN EXPERIENTIAL EDUCATION

Ananthashangar, Thagsha
Bang, Vivian
Idahosa, Omosefe Jessica
Najib, Sara
Sequeira, Mandelina Perpetual

CERTIFICATE IN GLOBAL EXPERIENCE

Najib, Sara

* – Distinction
† – Dean's Honours

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.

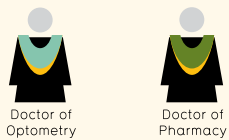
The ritual at convocation reflects the old custom that anyone in a university could wear a gown, but a hood was the symbol for a degree.

Academic dress

BACHELOR'S



PROFESSIONAL DOCTORATE



MASTER'S



DOCTORAL



HONORARY DOCTORATE



CONVOGATION



uwaterloo.ca

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