

ONE HUNDRED AND TWENTY-SEVENTH CONVOCATION

CONVOCATION



Morning Ceremony FACULTY OF ARTS

Afternoon Ceremony FACULTY OF ENGINEERING FACULTY OF ENVIRONMENT



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.

CONGRATULATIONS

Message from the Chancellor	2
Message from the President and Vice-Chancellor	3
Message from the Alumni Council Chair	4

OUR TRADITION OF CONVOCATION

A Calling Together	5
Connecting with Tradition	5
The Procession	6
The Mace	6
The Coat of Arms and Motto	7
Degrees and Honorary Degrees	7

Table of Contents

SATURDAY, OCTOBER 21, 2023

A NEW TRADITION

Eagle Staff

8

DISTINGUISHED UNIVERSITY MEMBERS AND AWARDS

Honorary Doctorates	9
Honorary Members of the University	10
Guest Speaker	12

MORNING CEREMONY

Graduate Degrees - Faculty of Arts	14
Undergraduate Degrees – Faculty of Arts	17
Outstanding Achievements	22

AFTERNOON CEREMONY

Graduate Degrees – Faculty of Engineering	24
Undergraduate Degrees – Faculty of Engineering	28
Graduate Degrees – Faculty of Environment	30
Undergraduate Degrees – Faculty of Environment	32
Outstanding Achievements	34

OUR TRADITION OF REGALIA

The Gown	36
The Hood	36

Message from the Chancellor

As Chancellor of the University of Waterloo, it is my honour to preside over today's ceremony. Today, we welcome representatives from our community including faculty, staff and alumni to share in and celebrate the achievements of our graduates.

The University of Waterloo was established in extraordinary times, and as a result it continues to be a place that nourishes the values and character that make up extraordinary leaders. This is particularly relevant as today, we are living in extraordinary times – in the midst of a climate and energy transition, significant geopolitical change, and profound technological change – this is Waterloo's time.

I believe that the University of Waterloo is a special institution encompassing a community of faculty, students and graduates who are more prepared for change and a shifting future than many others in the world.

Convocation is a significant milestone in life. It also marks our graduates' transition to becoming our newest alumni members, extending the University of Waterloo community's reach globally. Since the institution's inception in 1957, we have conferred more than 244,000 degrees and certificates. Our alumni community extends to over 150 countries and are a committed and supportive network.

When I look across our campuses and beyond, I see impactful innovations coming to fruition. Examples include using quantum to improve MRI capabilities in health care, finding new methods to combat the spread of misinformation, and integrating AI more seamlessly into a variety of critical applications such as resource usage, manufacturing, research development and knowledge development. We are a community of innovative leaders who seek out ways to solve the big problems of our time. From bestselling poets to NASA researchers and venture capitalists, Olympians to CEOs of multi-national corporations and leading environmentalists, we are providing the world with more Waterloo, and it is making the world a better place.

I believe that the world needs Waterloo graduates to harness all their experiences to lead and shape the future. The exceptional knowledge and creativity they have honed at the University of Waterloo has prepared them to be the leaders the world needs.

As our graduates cross the stage, they will bear the privilege and responsibility of bringing the spirit and values of this distinguished institution with them, wherever their lives may lead. They now also have an opportunity to shape a better, more equitable world through their careers and community involvement.

Congratulations to all of our graduates and thank you for continuing the Waterloo tradition of excellence.

)Omme



DOMINIC BARTON Chancellor

"FROM BEST-SELLING POETS TO NASA RESEARCHERS AND VENTURE CAPITALISTS, OLYMPIANS TO CEOS OF MULTI-NATIONAL CORPORATIONS AND LEADING ENVIRONMENTALISTS, WE ARE PROVIDING THE WORLD WITH MORE WATERLOO, AND IT IS MAKING THE WORLD A BETTER PLACE."

Message from the President and Vice-Chancellor

On behalf of the staff and faculty at the University of Waterloo, I am thrilled to welcome our graduates and their family, friends and supporters to convocation.

To our graduates, my heartfelt congratulations. Today's ceremony recognizes your hard work and perseverance during your time at the University of Waterloo. You cross the stage today having gained more than the lessons learned in the classroom, library or lab. You have built relationships and forged networks with peers and instructors. Those connections are the basis of a vibrant and expansive community at the heart of our institution's rich history and its success to date. As you transition from student to alumni, I hope you each will continue to stay connected to the Waterloo community.

To the family, friends and supporters of our graduates, thank you. Thank you for supporting our students and encouraging them along their academic journey. And thank you for being here today – this ceremony is more meaningful as a result of everyone's participation.

In the 1950s, the founders of the University of Waterloo sought to establish a university that was different. An institution that embraced community and an unconventional way of identifying and solving big, complex challenges facing the world. That same spirit exists across our campuses today. It also continues through the work of our global network of alumni. The graduates leaving our campuses today have the opportunity to lead and be change-makers who can help address the challenges of tomorrow and build a better future for humanity and our planet.

Waterloo graduates are known for integrating knowledge and problem-solving across disciplines. They are known for their courage and resiliency. Above all, they are known for approaching challenges in unique ways and uncovering innovative solutions. I look forward to hearing about the innovations and impact today's graduates will have on their communities in the future.

Convocation is a wonderful reminder that we all have an opportunity, and a responsibility, to positively impact those around us. Let's all work together to help shape the world for the better.

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

1 Juic God



VIVEK GOEL CM President and Vice-Chancellor

"AS YOU BEGIN THE NEXT CHAPTER OF YOUR JOURNEY, I ENCOURAGE YOU TO THINK UNCONVENTIONALLY."

Message from the Alumni Council Chair

Congratulations Class of 2023!

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. Although this is an especially uncertain time to graduate, it is also a very exciting one. Longstanding practices are changing and there is opportunity for new ideas to break through.

Welcome to a network of more than 244,000 alumni, connected by their experiences at Waterloo.

Throughout your career, I encourage you to stay connected to your alumni community. There are more than 244,000 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.

Starn Vangelist

DIANA VANGELISTI BES '84 MA '89 Chair, University of Waterloo Alumni Council

"THERE ARE MORE THAN 244,000 OF US AND WE ARE HERE TO SUPPORT YOU AS YOU WORK TOWARDS YOUR GOALS."

Our tradition of convocation

The ritual of convocation is a tradition that honours the roots of the University, and is, at the same time, a beginning for students who now enter a new stage in their lives. We welcome guests on this celebratory occasion and thank you for being present to share in it.

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

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

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

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



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 as well of 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: the faculties of 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.

A new tradition

EAGLE STAFF

On September 22, 2022, the University of Waterloo held a Commitment Ceremony pledging action towards decolonization, indigenization and reconciliation. Weaving in the knowledge, ways of knowing, and understandings of First Nation, 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 President and Vice-Chancellor, Vivek Goel, 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 that carry it in representing different nations across Turtle Island. By welcoming the Eagle Staff, the University acknowledges the responsibility to recognize, accept and incorporate Indigenous perspectives in the ways we teach, govern and behave as an institution. The Eagle Staff will be present at future Waterloo ceremonies and celebrations and will have a prominent place in convocation ceremonies. The Eagle Staff honours the University's First Nations, Métis and Inuit community members, as well as their traditions, cultures and strengths. It is a sacred item that holds a spirit within itself that is cared for by the Indigenous campus community, and that care is reciprocated by the Eagle Staff.

Waterloo region is situated on territory traditionally shared by Anishinaabeg, Neutral (or Attawandaron), and Haudenosaunee Nations. Though many nations, including the Anishinaabeg, involve an Eagle Staff in their traditions and practices, we respectfully acknowledge that this is not the practice of all nations. With gratitude, we honour and celebrate the unique traditions of all First Nations, Métis and Inuit peoples, and look forward to reflecting this diversity in spirit and custom as we move forward on this path of decolonization, indigenization, and reconciliation.



"THE STAFF WILL SERVE AS AN IMPORTANT SYMBOL AND REMINDER OF THE COMMITMENT WE MADE TO RECONCILIATION AND SERVE 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.

DAVID JOHN HAND



MA, MSc, PhD Doctor of Mathematics, *honoris causa* FRIDAY, OCTOBER 20 / MORNING CEREMONY

Dr. David Hand (OBE) is Senior Research Investigator and Emeritus Professor of Mathematics at Imperial College, London, as well as Chief Scientific Advisor to Winton Capital Management. Hand is a Fellow of the British Academy, an Honorary Fellow of the Institute of Actuaries, and, in 2013, was made an Officer of the Most Excellent Order of the British Empire for his services to research and innovation. He has authored or co-authored more than 300 scientific papers and 20 books, and his research has garnered him numerous awards including a Research Merit Award from the British Royal Society.



WEIYA XU

PhD

Doctor of Engineering, *honoris causa* SATURDAY, OCTOBER 21 / AFTERNOON CEREMONY

Dr. Weiya Xu is the former vice-president at Hohai University, and is a highly acclaimed researcher in engineering rock mechanics. Through fundamental, theoretical, computational, and experimental research, Xu developed an innovative and realistic system of theory and associated methods and made several seminal contributions to theory and practice. His pioneering contributions include the study of coupled thermal, hydraulic, mechanical, and chemical processes.

ALISON PHIPPS



OBE, PhD Doctor of Letters, honoris causa SATURDAY, OCTOBER 21 / MORNING CEREMONY

Dr. Alison Phipps (OBE) is professor of Languages and Intercultural Studies at the University of Glasgow and UNESCO Chair in Refugee Integration through Languages and the Arts. Author of eight books and over 60 articles, her research and teaching focus on refugee studies, social justice, and intercultural education. She is an active supporter of refugee rights, having served on the board of Right to Remain and as co-founder of the Glasgow Refugee, Asylum and Migration Network. Phipps is a Fellow of the Royal Society of Arts, the Academy of Social Sciences, and a recipient of the Royal Philosophical Society's Minerva Medal.

Honorary Members of the University

The Honorary Member of the University designation is the highest honour a staff member can obtain at the University of Waterloo and is granted upon retirement. It recognizes the individual for outstanding service to the University as a whole, not limited to one department or faculty. For faculty members, it recognizes distinctive administrative service to the University.

SCOTT WILLIAM DAVIS

BES, MA



Co-operative and Experiential Education FRIDAY, OCTOBER 20 / MORNING CEREMONY

Scott Davis has had an outstanding career, spanning over 35 years within co-operative education. His work as a program coordinator supported thousands of students in their learning, and as faculty relations manager he collaborated with associate deans on program reviews, new program development, and problem-solving student cases. Davis joined the Risk Management, Economic and Actuarial Science Development in Indonesia project which resulted in the Indonesian government adopting co-operative education as a recognized model of education. Outside of the University, he served on the board of Experiential & Work Learning Ontario (EWO) as chair, was active with Co-operative Education and Work Integrated Learning Canada (CEWIL CANADA), and was chair of the Accreditation Council.

KAREN TREVORS BSc, MSc Faculty of Science FRIDAY, OCTOBER 20 / AFTERNOON CEREMONY

Karen Trevors received a Bachelor of Science Honours degree in Biology from Acadia University in 1979 and a Master of Science degree in Biology from the University of Waterloo in 1981. Trevors was hired as an instructor in the Department of Biology at the University of Waterloo in 1985 and worked in that capacity until 2000 when she was hired as executive officer in the Faculty of Science. She remained in that role for the rest of her career at Waterloo. Trevors also served on many University committees, including staff relations, staff dispute resolution, joint health and safety, staff grievances, and honorary degree. Trevors retired from the University in 2023.

WILLIAM CHESNEY



Faculty of Arts
SATURDAY, OCTOBER 21 / MORNING CEREMONY

William Chesney joined the Department of Communication Arts (formerly the Department of Drama and Speech Communication) in 1993 and served as associate dean of undergraduate studies from 2007 to 2019. An innovative researcher and practitioner of stagecraft, he produced over 80 set and costuming designs at the University as well as for countless productions across Canada. Chesney is highly regarded for his teaching and mentorship, especially in helping students realize their artistic vision. He led the Faculty of Arts in transforming its curriculum to better meet student needs. Chesney is a tireless advocate for the fine and performing arts, and effectively championed their societal contributions at the university and beyond.

DENNIS HUBER



BBA, CPA Administration and Finance SATURDAY, OCTOBER 21 / AFTERNOON CEREMONY

As the longest serving vice-president in the University of Waterloo's history, Dennis Huber played an integral role in supporting the evolution of Waterloo into the world-class institution of higher learning we know today. Arriving at Waterloo in 1986 as a plant operations manager, he rose to become director of Business Services, then associate provost, general services and finance and finally, in 2001, vice-president, administration and finance. Thanks to his tireless efforts, Waterloo acquired an additional 50 acres of lands and buildings, its facilities more than doubled in size and it opened four satellite campuses. His leadership was instrumental in the development of the David Johnston Research + Technology Park on the University's north campus, as well as the interconnection of most buildings within the ring road. In every aspect of his work, Huber promoted responsible and sustainable stewardship of the University's financial and physical assets. Retiring last fall after 36 years of outstanding service, he left a lasting mark on Waterloo.

Guest Speaker

MARGARET MUTUMBA



BSc, MPH, PhD '21 School of Public Health Sciences FRIDAY, OCTOBER 20 / AFTERNOON CEREMONY

Dr. Margaret Mutumba is a global health innovator focused on access to affordable healthcare in low resource settings. She has over 10 years of health sector management experience in Sub-Saharan Africa. She also has research experience in maternal, reproductive, fertility and health systems. Mutumba has proven success in health innovation and entrepreneurship. She possesses a strong ethos of equity, evident in actions that support diversity, inclusion, and anti-racism. Mutumba earned an Honours Bachelor of Science, Pharmacology, Kings College London; a Master of Public Health, Imperial College London, and a Doctorate in Public Health Sciences, University of Waterloo. She is program director at Frugal Medical Innovations at Western University.



MORNING CEREMONY

Degrees and diplomas from: UNIVERSITY OF WATERLOO ST. JEROME'S UNIVERSITY RENISON UNIVERSITY COLLEGE CONRAD GREBEL UNIVERSITY COLLEGE FACULTY OF ARTS

Graduate Degrees

FACULTY OF ARTS

DOCTOR OF PHILOSOPHY

Currie, Sarah Elizabeth (English) "The Mad Manifesto"

Elnakouri, Abdelrahman

(Psychology) "Together I Strive: The Motivational Benefits of Shared Reality With Instrumental Others"

Freier, Blake (Philosophy) "A Social-Pluralistic View of Science Advising"

Hudd, Taylor (Psychology) "Social Anxiety and the Nature and Function of Social Pain"

Jnawali, Hari Har (Global Governance)

"Response to International Human Rights Norms in Asia: Challenges of Ethnic Movements in Nepal and China"

Merritt, Olivia Ann (Psychology) "Close Others as Context: Understanding Treatment Attitudes in Anxiety and Related Disorders"

Mokhtar, Ala Ahmed Hanafi (Accounting)

"Subjectivity in Performance Evaluation and Group Identity as Antecedents of Employee Overwork"

Riddell, Kathleen Ann (Religious Studies)

"The Celebrity Imprint: 'Religion' and Identity Among Fans of John Lennon and Johnny Cash"

Roberts, Brady Ryan (Psychology) "On Memory for Everyday Symbols"

Ryan, Ashley Lauren (Sociology) "Pressuring Others: Examining the Motivations Behind Deviant Instigation and the Strategies That Accompany Them"

Torbica, Masa (English) "Idle No More: A Rhetorical Analysis of a Movement"

Walker, Alexander Cameron (Psychology)

"The Effect of Strategic Language on Perceptions of Actions and Speakers"

Waring, Sydney Vail (Psychology) "Relational Body Image: Developing an Understanding of How and Why Body Image Changes Across Specific Relationships"

MASTER OF ACCOUNTING

Aqueci, Nicholas Francesco Antonio Ahmad, Anoosha Alex, Liya Elza Ali, Mahnoor Ali, Onaizah Alneama, Ahmed Khaled Omar Abbas Angeline, Michelle Annedi, Samanvitha Arulesan, Nivethan Ayala, Matthew Carter Badhol, Hartik Singh Bahirathan, Vaishaaly Bains, Udai Singh Balani, Sonia Belokurova, Kateryna Bhuyan, Mehek Boyd, Julia Boyd, Megan Brown, Ryan Christopher Bulovas, Ethan Valdemar Paul Cahyadi, Michael Cai, Jinfeng Cai, Keke Cao, Minghao Cao, Tracey Carpino, Chloe Carusi, Stephen Paul Chan, Philbert Chuen-Yiu Chaung, Geoffrey Ching Fai Chen, Bowen Chen, Danny Chen, Jocelyn Chen, Kevin Nan Chen, Siyan Cheung, Benedict Pak Tak Cheung, Christopher Lok Hang Cheung, Victoria Steffini Chiu, Ivan Chi Ho Chiu, Tyler Lawrence Chui, Jina Cin Yee Chung, Hee-Yun Clutton, Alyssa Nicole Criminisi, Nicholas Carmelo Dai, Matthew Debergh, Kayleigh James Deering, Rachel Marie DeSousa, Angela Ana Dewani, Armaan Dhillon, Noor Dooks, Isaac Samuel Doucette, Owen James Egan, Brianna Elena Ejaz, Syed Elias, Evelyn Fahmy, Nervana Adel Fatima, Mahnoor Feng, Qinghui Fernando, Mihiri Yashodara Ficele, Lucas Flanagan-Tordjman, Steven Micael

Foo, Amanda Catherine Fox, Abbey Jayne Fung, Yiwald Wilfred Gagliardi, Lucas Gan Kok Shing Gandhi. Ishaan Ganeshalingam, Abirna Geum, Kyung min Ghuman, Parkashdeep Singh Gill, Mantej Singh Gong, Shiqi Greaves, Allison Margaret Yu Fang Greaves, Katherine Emily Yu Fen Haase, Stefania Danuta Figiel Hamati. Zoher Hamodi, Basma Heier, Santiago Lindsay Hematian, Rose Hewagama, Tihan Ajitha Ho, Chun Wei Ho, Cindy Hsi Kuan Ho, Ethan Cho Fung Ho. Jenny Ho, Natalie Wing Lam Ho, Raymond Ho, Wing Yee Victoria Hou, Amber Howe, Melissa Hsing, Pei Hsuan Hu. Linda Hu, Wen Jia Hu, Yingqiu Hua, Yang Hum, Jessica Megan Ikram, Abdullah Jassal, Manmeet Jegatheeswaran, Jerusha Jeyanathan, Tharune Jiang, Hui Lin Jiao, Hong Yi Jo, Jung Hee Edward Josephs, Priya Rose Kameka, Zoe Yasmine Kandadi, Smaran Kang, Yanning Kanniampuram-Satish, Sidhhanth Kardasz, Philip Victor Kaur, Harneet Kaur. Praneet Khan, Leena Yasmin Khatri, Lakshmi Pooja Khouy-Ly, Edward Kim, Hwiyeop Kolanu, Sai Praseeda Kong, Matthew Alexander Ku, Evelyn Zhi Wei Kuong, Kevin Jia Wei Kuponiyi, Oluwatobiloba La, Frances Lai. Ziain Lam, Anson Ho Man Lam, Charmaine Chin May

Lam, Janis Chor Tung Lawrencepillai, Sharon Lee, Pamela Lee, Rebecca Katherine Lee, Veronica Yuen Ting Lee, William Yongwoo Lee, Wing Lam Marion Leftwick, Naomi Paige Leung, Cedric Leung, Joanne Renee Li, Chunyu Li, Gloria Mengyao Liang, Chen Lok Liang, Harry Heng Lin. Jia Lei Liu, Jieshan Liu, Ke Yu Liu. Yifei Lu, Huaqi Luo, Hui Wen Ly, Matthew Anthony Lyu, Keying Ma, Katie Sin - Tung Ma. Xiaohan Mai. Jie Shan Mallari, Xavier Flores Mao, Aaron Lin Lin Mao, Yipeng Mittal, Arshya Mo, Daniel Mohan, Marilena Gabrielle Morris, Catherine Jane Muraleetharan, Rahulan Naz, Tahira Nelson, Nathan Peter Ross Ng, Alex Ng, Queena Cheuk Kwan Ngai, Valerie Nguyen, Christina Noor, Fatima Panchal, Keven Pannu, Sukhjot Singh Parapurath, Priya Parthipan, Krishni Paruthigulasoman, Harini Patel, Ashna Lissa Patel, Riva Patel, Saloni Miteshkumar Pong, Matthew Priffer, Samantha Leigh Puckrin, Warner Steven Qin. Dewei Qiu. Yue Quinlin, Brendan Paul Rae, Terra Donna Ragavan, Harishvar Ramachandra, Aarabi Ramnani, Ritvik Rasoul, Mohamad Sadollah Recupero, Gianni Reitzel, Garrett Roy Rizzo, Curtis Steven Rodriguez, Daniel Liam Roopnauth, Ryan Shivdhan Ruan, Gary Saltz, Benji Mathew Saraff, Darshan Venkataram Sathiyaseelan, Dhanusha Saunders, David Harold Scarlato, Yolanda Sehgal, Rahul Selvadurai, Asha

Seto, Vicky Yi Shah, Kushal Piyush Shi, Man Xin Shin, Thomas Shokar, Gurvir Singh, Jordan Elizabeth Sivabalan, Shangavei Sivasuntharam, Sathusia Smallman, Jane Charlotte Ho Smith, Andrew Tyler Song, Cuiyan Sran, Simran Kaur Su, Jimmy Su, Tie Hong Sudani. Shailvi B. Sun, Lauren Wenzhe Sun, Yunyi Sun. Yutian Suresh, Janvi Suresh, Sraviya Deepa Suri, Anchita Tai, Baldwyn Au Heng Tang, Justin Pak Hei Tao, Yu Jing Teng, Tianjiao Thevakumar, Keshika Thirukkumaran, Arthika Tian, Tiana Chenjia Tran, Felix Sui Tran, Nathan Tran, Tiffany Megan Uthayakumaran, Archchenaa Van Wart, Benjamin Germane Wayne Vu, Thien Ngan An Wan, Meagan Man Yan Wang, HongYue Wang, Sijia Wang, William Chen Yang Wang, Yifei Wang, Yuhan Winces, Lanish Wong, Michelle Wong, Samantha Wu, Jack Xu, Yingwen Xue, Wei Yang, Jiaying Yang, Shihui Yang, Yixin Yang, Yizhou Yang, Yong Zhe Yang, Yung-Chieh Yang, Zijie Ye, Vicky Jia Hui Yoo, Hyemin Yu, Karrie Yu. Ronnv Yuan, Richard Zahid, Zenab Zaidi, Zareen Zhang, Grace Zhang, Rachel Jiawen Zhang, Stephanie Zhang, Yi Lin Zhao, Lisa Mingfei Zhao, Yangi Zhao, Yueshan Zhou, Cathy Julia Zhou, Yumeng Zhu, Joyce Zuo, YiJie

MASTER OF APPLIED SCIENCE

Al-Amry, Amer Hamad (Psychology – Developmental and Communication Science)

Bonney-Brookman, Eryn Melissa (Psychology - Developmental and Communication Science)

Chung, Amy Mooyoung (Psychology – Developmental and Communication Science)

Deshpande, Harshadaa Rohit (Industrial and Organizational Psychology)

Gibson, Shane Donald (Industrial and Organizational Psychology)

Hameury, Elena (Psychology -Developmental and Communication Science)

Hu, Xiaojia (Psychology – Developmental and Communication Science)

Li, Amy YongYin (Industrial and Organizational Psychology)

Pawsey, Hailey Nicole (Psychology – Developmental and Communication Science)

Tipper, Zoe Moorcroft (Psychology – Developmental and Communication Science)

MASTER OF ARTS

Abdelshafy, Nourane Said Mohamed Elsaid (French Studies)

Afsar Mirza, Noor (Global Governance)

Akande, Tolulope Adeola (History)

Albokhari, Abdulraheem (Political Science)

Allen, Shelby (Social and Legal Studies – Co-operative Program)

Anderson, Hannah Elise (Philosophy)

Atapour, Hasti (Social and Legal Studies)

Battaglini, Alexandra Elizabeth (English – Literary Studies – Co-operative Program)

Buehlow, Emily Rose (Sociology)

Bui, Van (Psychology)

Casey, Sarah Margaret (English – Rhetoric and Communication Design)

Chapman, Jordan Johnathan James (History)

Cox, Adam William (Psychology)

Crassweller, Mara Emily Mary (French Studies)

Dain, Natanela (Sociology)

Dawe, Allyson Mary (Classical Studies)

Devens Ortlieb, Helena Rose (Intercultural German Studies) **DiBerardino, Peter Anthony Victor** (Psychology)

Dirschka, Eva (Intercultural German Studies)

Dockrill, Mya MacDougall (Psychology)

Dreesha, Mrittika Ahmed (Sociology)

Fernandes, Mae Dorothy Redmond (Classical Studies)

Gingerich, Joel Christian (History)

Goerz, Zachary Jonathon (Economics)

Good, Anna (History)

Goudie, Isabella Pamela Kilbourne (English - Experimental Digital Media)

Goy, Alfred John (History)

Hanif, Muhammad Ali (English -Rhetoric and Communication Design)

Loudfoot, John Christopher Houston (History)

McNeil, Aliya Marie (Psychology)

Miller, Nadia (Philosophy)

Morgan, Sophie Jane (English -Rhetoric and Communication Design)

Oropeza, Erica Alicia (English -Rhetoric and Communication Design)

Paolini, Lucas (Philosophy)

Pels, Jazlyn (French Studies)

Rioux, Jillian Maureen (Psychology)

Ross, Mitchell (Philosophy)

Salvatierra, Julianna Kate (Psychology)

Schneider, Lena (Intercultural German Studies)

Seabrook, Sarah Ann Michelle (Political Science)

Smedley, Nicole Emily (French Studies)

Streppel, Bart (English – Rhetoric and Communication Design – Co-operative Program)

Sutherland, Cole Jaymes (Intercultural German Studies)

Urusov, Alexey (Psychology)

Vanderwoude, Greyson Hunter (English - Rhetoric and Communication Design)

Veenstra, Michael David (English – Literary Studies)

Wang, Yingjia (Public Issues Anthropology)

Wasson, Kendra Sharon Joy (Psychology)

MASTER OF FINE ARTS

Garbett, Brent Wade (Studio Art) Laratta, Clara (Studio Art) Wilson, Stephanie Patrice (Studio Art)

MASTER OF TAXATION

Cao, Yu Ning Zhu, Wentao

MASTER OF THEOLOGICAL STUDIES

CONRAD GREBEL UNIVERSITY COLLEGE

Brown, Niamh Kinsella Culham, Clayton Drudge, Bonnie Irene Rounds, Laurel A. Stefaniuk, Zachary Scott

GRADUATE DIPLOMA

Bosworth, Patrick John (Computational Data Analytics for the Social Sciences and Humanities)

Chiang, Anika Yui-Yue

(Computational Data Analytics for the Social Sciences and Humanities)

DiBerardino, Peter Anthony Victor (Theoretical Neuroscience)

GRADUATE CERTIFICATE

Pinheiro, Dakota (University Teaching)

Undergraduate Degrees

FACULTY OF ARTS

BACHELOR OF ARTS

ST. JEROME'S UNIVERSITY

GENERAL PROGRAM -THREE YEAR

MA, YUANYE (Social Development Studies)

GENERAL PROGRAM -FOUR YEAR

Mian, Nadia Abid (Legal Studies – Sociology Minor)

HONOURS PROGRAM

Ellerby, Mikaela Kathrine Caroline (Sexuality, Marriage, and Family Studies - Human Services Practicum Specialization & Counselling Specialization) *

Firmi-Medensky, Madeline Elfreda (English-Literature and Rhetoric – Psychology Minor – Co-operative Program) †

Gerlach-Morales, Camila Sofia (Sexuality, Marriage, and Family Studies – Counselling Specialization – Psychology Minor)

Gingerich, Luke William (Legal Studies – Philosophy Minor) *

Miller, Jillian Elaena (Psychology – Co-operative Program) *

Ouellette, Sydney Marie (English-Rhetoric, Media, and Professional Communication/Computing Option – Co-operative Program)

Peppiatt, Emma Lydia (English-Rhetoric, Media, and Professional Communication)

Tam, Candice Sum-Yee (Legal Studies & Honours Arts and Business – Co-operative Program) *

Wybenga, Abigail Rose (Sociology & Honours Legal Studies – Peace and Conflict Studies Minor – Co-operative Program) *

BACHELOR OF ARTS

RENISON UNIVERSITY COLLEGE

GENERAL PROGRAM -THREE YEAR

Abdullahi, Fatima (Social Development Studies)

Armstrong, Emily Tayler (Social Development Studies – Social Work Specialization) †

Biron, Jana Catherine Elizabeth (Social Development Studies – Social Work Specialization)

Brownhill, Emily Elizabeth (Social Development Studies – Social Work Specialization) [†]

Connelly, Sean Anthony (Social Development Studies) *

Dang, Milena (Social Development Studies)

Evans, Jennifer (Social Development Studies – Social Work Specialization) [†]

Forrest, Amanda Grace (Social Development Studies – Social Work Specialization) †

Gresel-Campbell, Alexandria Justyne (Social Development Studies – Social Work Specialization)

Hamilton, Krystal Rose (Social Development Studies) [†]

Hewat, Jaime Nicolas (Social Development Studies – Social Work Specialization) [†]

Kent, Kaitlynn Alyssa (Social Development Studies – Social Work Specialization) *

McCallum, Elizabeth (Social Development Studies – Individual Well-Being and Development Specialization & Social Work Specialization) *

Olayiwola-Oriji, Temilade Abiola (Social Development Studies – Social Work Specialization)

Owens, Susan May (Liberal Studies – Social Development Studies Minor) [†]

Robertson-Mater, Althea (Social Development Studies – Social Work Specialization)

Rukoro-Ogbebor, Magreth (Social Development Studies – Social Work Specialization)

Sharkey, Abigail Dean (Social Development Studies)

Steele, Robyn (Social Development Studies – Social Work Specialization) *

Taylor, Kaylee Deanne (Social Development Studies) [†]

Tremblay, Kim (Social Development Studies – Social Work Specialization) **Walesa, Ashley Jean** (Social Development Studies – Social Work Specialization) [†]

Williams, Giselle Serena (Social Development Studies – Social Work Specialization) *

HONOURS PROGRAM

Andrews, Lauren Martine (Social Development Studies – Social Work Specialization) †

Bridgeman, Mikayla Lee (Social Development Studies – Social Work Specialization)

Cannon, Madelaine Patricia (Social Development Studies – Social Work Specialization – Psychology Minor) *

Dhaliwal, Kiran Jai (Social Development Studies – Social Work Specialization) *

Ebrahim, Nadia Afzal (Social Development Studies – Individual Well-Being and Development Specialization & Social Work Specialization – Psychology Minor) *

Farah, Sowda Omar (Social Development Studies – Diversity and Equity Specialization & Social Work Specialization – Indigenous Studies Minor) *

Fitzgerald, Sarah Elizabeth (Social Development Studies)

Ikeno, Victoria Lynne (Social Development Studies – Individual Well-Being and Development Specialization & Social Work Specialization & Social Policy and Social Action Specialization & Honours Psychology)

Lott, Rachel Noel (Social Development Studies – Social Work Specialization & Social Policy and Social Action Specialization) *

Mclelland, Sadie Lane (Social Development Studies – Social Work Specialization) *

Miller, Olivia Catharine Rose (Social Development Studies & Honours Peace and Conflict Studies) *

Quon, Kiora Madison (Social Development Studies – Social Work Specialization – English Language and Literature Minor)

- * Distinction
- † Dean's Honours

Russell, Chelsea Carolyn (Social Development Studies – Social Work Specialization – Legal Studies Minor, Peace and Conflict Studies Minor)[†]

Smith, Jessica Skylar (Social Development Studies – Individual Well-Being and Development Specialization & Social Work Specialization)

Su, Max Andric (Psychology – Research Intensive Specialization) [†]

Wallace, Alayna Jean (Social Development Studies – Social Work Specialization & Individual Well-Being and Development Specialization & Diversity and Equity Specialization & Social Policy and Social Action Specialization) †

BACHELOR OF SOCIAL WORK

RENISON UNIVERSITY COLLEGE

HONOURS PROGRAM

Admans, Kaitlin Paige † Akhtar, Usman * Apa, Daniella Santa † Arravinthan, Yalini * Atchison, Jessica Lin * Baron, Tianna Jessica * Barua, Arshi[†] Bell, Whitney † Brooker, Paige Carlynd † Brown, Aaliyah Tamia † Brown, Chloe Mae † Buchner, Laura Melissa † Cardoso, Hannah Lynne * Cassels, Kendyll Elysse † Chan, Jessica Wing Shan [†] Charles, Mechelle ' Cheung, Fung Wing [†] Chung, Yujin [†] Clifford, Sarah Deborah Marie † De Vries, Hannah † Denton, Daniella † Dhillon. Krishma † Diaz Palacios, Yamaira Lisseth † Erison, Jodi Kathleen † Ferrara, Brooke Madison Fiorino, Chiara G.⁺ Frost, Winter Cheryl Rose [†] Gillard, Allison Joan † Gouveia. Elizabeth † Hallett, Kylee Lisa † Harper, Benjamin Lyle † Haxhija, Nadire † Hernandez, Sandra Jeaneth † Ho, Etta Yuen-Lam * Jackson, Jennifer Nicole † Jegananthasivam, Shangkavey † Jeyakumaran, Atheven⁺ Kue-Navalta, Alexandrea Cerinne * Lambe, Heather Audrey [†] Leslie, Rachel Elizabeth † Livermore, Alyssa Lynn † Malskaitis, Kendra Rachelle Ann † Mann, Robyn Elizabeth †

McKay, Vanessa Veronica * McKinley, JayJ Mary [†] McNeish, Maryanne Grace * Motz, Kerry Lynn † Murphy, Lexie Elaine † O'Connor, Cassidy Joselyn * Ogunseye, Joke [†] Omar, Nimo † Pearson, Mark James † Piaseczny, Alicia S. † Piluk, Talia Brooke Maia * Poll, Skyla Marie † Quach, Aidan La † Rahman, Marina Aneesa † Roessler, Rebecca Sylvia † Rood, Melissa Rebecca † Saleh, Rasha Bahjat † Seath. Rachel Christina † Seeha, Jasmine Pontip † Segin, Kyla Faith † Semple, MacKenzie † Shaw, Heather Louise † Sridharan, Padmapriya † Thompson, Julia Dahlia † Tobert. Danielle † Trbuscic, Steven Joseph † van Eck, Natalie Grace Kristiann † Wiggins, Kelsey Alexandra † Willard, Alisha Suzanne †

BACHELOR OF ACCOUNTING AND FINANCIAL MANAGEMENT

HONOURS PROGRAM

Chen, Qiuyan (Financial Markets Specialization – Co-operative Program) *

Lu, Yisu (Financial Markets Specialization – Co-operative Program) [†]

BACHELOR OF ARTS

UNIVERSITY

GENERAL PROGRAM -THREE YEAR

Bandi, Samaa (Liberal Studies)

Blanco, Lilian Johanna (Spanish) †

Chen, Ken (Liberal Studies – Economics Minor)

Cz, Kiera Alexandra (English-Rhetoric, Media, and Professional Communication – Creative Writing Specialization)

Fagan, Patricia Margaret (English Language and Literature) [†]

Geddes, Alexander John-Paul (Psychology)

Huang, Chenbo (Liberal Studies – Economics Minor)

Jiang, Haoran (Liberal Studies)

Kadyan, Ayush (Liberal Studies – Economics Minor)

Khraim, Shahd Saed (Liberal Studies)

Leibold, Olga (Liberal Studies)

Li, Xiaozhuang (Liberal Studies – International Trade Minor)

Ma, Chenxiao (Liberal Studies)

May, Morris Gabriel (Liberal Studies – Philosophy Minor)

Nunno, Adrian Edward (Liberal Studies)

Ogunleye, Oluwatobi Olaolu (Liberal Studies – Economics Minor)

Pang, Tongyun (Liberal Studies – Economics Minor)

Pangli, Raj (Gender and Social Justice)

Park, Daniel (Economics)

Patel, Hirali Sanjay (Psychology)

Prince, Mark (Liberal Studies) †

Rahman, Adeel Ahmed (English-Literature and Rhetoric)

Ramey, Teresa Dawn (Peace and Conflict Studies) †

Salat, Sahara Hassan (Social Development Studies)

Wang, Yuzhuo (Liberal Studies)

Zhang, Zhen (Psychology)

Zhu, Aoran (Liberal Studies)

GENERAL PROGRAM -FOUR YEAR

Chan, Adrian Kar Yue (Psychology) Chowdhury, Ibrahim Ali (Economics)

Chu, Grace (Economics – Management Studies Minor)

Fang, Wei (Economics)

Haider, Fatema (Liberal Studies – Management Studies Minor)

Lee, Paul Hyun (Liberal Studies)

Noko, Isaaka Motselisi Rodney (Liberal Studies – Political Science Minor)

Persaud, Deanndra D (Economics – Management Studies Minor, Psychology Minor)

Pillai, Gautham Manoj (Economics)

Ranjan, Niviya (Economics – Legal Studies Minor)

Tang, Si Heng (Economics)

Thayaparan, Arjun (Economics) Virdi, Riya (Psychology)

Wu, Jian Ze (Economics)

Zeng, Selina (Economics – Technical Writing Minor)

HONOURS PROGRAM

Aleezah Ahmad (Psychology)

Ahuja, Garima (Legal Studies & Honours Arts and Business – Co-operative Program)

Alexander, Rita (Economics – Co-operative Program)

Alsakani, Abrar (English-Literature and Rhetoric – Philosophy Minor) [†]

Ananthan, Gowtham (Legal Studies & Honours Arts and Business) *

Anstey, Bradley (History – English Language and Literature Minor) *

Anyalechi, Adanna (Political Science & Honours Arts and Business – Co-operative Program)

Ao, Nina (Economics – Co-operative Program)

Arenas, Kaylynn Gail Natividad (Sociology – Legal Studies Minor)

Asfour, Yousif M. (Psychology)

Bao, Taige (Economics)

Bee, Amy Patricia (Fine Arts Studio Practice & Honours Arts and Business – Digital Arts Communication Minor – Co-operative Program) *

Beer, Bryce Andrew (English-Literature and Rhetoric)

Bermudez, Gabriela Elizabeth (Social Development Studies – Social Work Specialization)

Bhagat, Nikhita (Legal Studies)

Bhandal, Avneet Kaur (Social Development Studies)

Bhavsar, Jagni (Sociology – Legal Studies Minor)

Bock, Grace Ann (English-Literature and Rhetoric – Technical Writing Specialization)

Bredenkamp, Megan (Legal Studies – Political Science Minor) *

Bright, Jackson William (Mathematical Economics – Finance Specialization – Co-operative Program)

Buckley, Laurel Antonia (Communication Art and Design Practice) [†]

Caputo, Nicolas Alexander (Legal Studies)

Carr-Ansah, Christopher Charles Kofi (Economics & Honours Arts and Business – Co-operative Program)

Chalmers, Lauren Anne (Psychology) *

Chan, Kyle (Liberal Studies & Honours Arts and Business – Economics Minor)

Chen, Katherine Junyi (Legal Studies & Honours Arts and Business – Co-operative Program) *

Chen, Meng Yan (Political Science – Politics and Business Specialization & Joint Honours Mathematics)

Chu, Trang Thuy (Economics – Finance Specialization & Honours Social Development Studies – Individual Well-Being and Development Specialization – Co-operative Program)

Collins, Chloe Liana (Legal Studies – Classical Studies Minor)

Condon, Grace Catherine (History – Peace and Conflict Studies Minor) [†]

Connors, Devon Joshua (Economics & Honours Arts and Business – Co-operative Program)

Dell'Anna, Rachel Marie (Liberal Studies & Honours Arts and Business – Human Resources Management Minor, Psychology Minor – Co-operative Program) *

DeVos, Lauren Olivia (Psychology – Research Intensive Specialization)

Dinh, Vanessa (Legal Studies & Honours Sociology)

Dong, Hao Ran (Psychology – Human Resources Management Minor)

Elgadi, Fadi Ahmed (Communication Studies – Legal Studies Minor)

Enns, Noah Fergus Montgomery (Political Science & Honours Arts and Business – Co-operative Program)[†]

Ernewein, Jessica Emily (Sexuality, Marriage, and Family Studies & Honours Music)

Feare, Natachez (English-Rhetoric, Media, and Professional Communication)

Friesen, Gwendolyn Hazel (History) †

Gilbert, Jessica Rose (Psychology & Honours Religious Studies) [†]

Gillespie, Heather Louise (Psychology - Research Intensive Specialization – Fine Arts Studio Minor)

Green, James Stanley (Political Science & Honours Arts and Business – Human Resources Management Minor – Co-operative Program)

Haghighi, Tarannom (Legal Studies & Honours Arts and Business – Sociology Minor – Co-operative Program)

Hall, Belinda Lucille (Liberal Studies – French Minor) †

Hamed, Roa'a Alrand (Economics) †

Han, Yun (Economics) *

Hassan, Youssef Ahmed Hussein Aly (Psychology - Research Intensive Specialization – English Language and Literature Minor, Cognitive Science Minor)

Hayat, Usman Sikander (Economics – Finance Specialization & Honours Arts and Business – Co-operative Program)

Heap, Alex (Psychology - Research Intensive Specialization - Medical Physiology Minor) [†]

Heeney, Mollie Joy (Economics & Joint Honours Mathematics)

Holthuysen, Jessica Faith (Psychology – East Asian Studies Minor) *

Huang, Ting-Yu Sandy (Peace and Conflict Studies – Human Resources Management Minor – Co-operative Program)

Iweanoge, Amaechi Kosiso (Economics – Legal Studies Minor – Co-operative Program)

Jeevakanthan, Akeesan (Economics & Honours Arts and Business – Co-operative Program)

Kamasz, Magdelin (Liberal Studies & Honours Arts and Business – Political Science Minor) *

Kasujja, Rachel Noella Nanungi (Psychology - Research Intensive Specialization & Honours Arts and Business - Social Development Studies Minor - Co-operative Program) *

Kaur, Rojpreet (Psychology & Honours Arts and Business – Co-operative Program) [†]

Khan, Eesa (Legal Studies & Honours Arts and Business) *

Kifle, Lydia Petros (Communication Studies & Honours Arts and Business – Co-operative Program)

Koh, Donna (Legal Studies) *

Krahenbil, Jessica Lorna Kelly (Psychology – Legal Studies Minor) *

Laforet, Samantha Kate (Sociology)

Lague, Maxwell Alexander (Political Science – International Relations Specialization & Honours Arts and Business)

Lam, Juliana (Communication Studies & Honours Arts and Business – Co-operative Program)

Lee, Harold Hao (Psychology)

Lee, Johyeon (English-Rhetoric, Media, and Professional Communication – Digital Arts Communication Minor)

* – Distinction

Liao, Zijun (Liberal Studies – East Asian Studies Minor, Economics Minor) *

Lim, Bremner McCorquodale (Psychology & Honours Visual Culture – Medieval Studies Minor)

Liu, Yi Ming (Liberal Studies & Honours Arts and Business – Computer Science Minor)

Loosemore, Dakota Robert Reese (Political Science & Honours Arts

and Business – Economics Minor)

Lu, Yang Feng (Liberal Studies – Economics Minor – Co-operative Program)

Luo, Zheyu (Economics)

Luong, Hoang Phuong Anh (Psychology - Research Intensive Specialization & Honours Legal Studies)

Ly, Tuong Long Daniel (Liberal Studies & Honours Arts and Business – Human Resources Management Minor – Co-operative Program)

Macdonald, Alyssa Breanne (Fine Arts Studio Practice & Honours Social Development Studies)

Mackay, Gavin Andrew (English-Rhetoric, Media, and Professional Communication – Psychology Minor)[†]

Mann, Brianna Ashleigh Caitlin (Psychology)

Mohamed, Amir Ahmed (Economics – Co-operative Program)

Morsi Ellithy, Amro (Liberal Studies & Honours Arts and Business – Human Resources Management Minor) *

Multani, Daljit Kaur (Liberal Studies & Honours Arts and Business)

Murray, Grace Anne Lucia (Peace and Conflict Studies – Political Science Minor)

Nagra, Anmolpreet Singh (Economics)

Narwal Kaur, Gurkiran Kaur (Legal Studies & Honours Arts and Business) *

Ng, Cassie Sum Yu (Psychology -Research Intensive Specialization & Honours Arts and Business -Sociology Minor - Co-operative Program) *

Nguyen, David Hai (Fine Arts Studio Practice – Digital Arts Communication Minor)

Ni, Tianyu (Psychology – Research Intensive Specialization) *

Nuñez Cardoso, Patricia (Psychology – Management Studies Minor, Human Resources Management Minor) **Obiago, Chinye Adaeze** (English Literature – Creative Writing Specialization – Gender and Social Justice Minor) *

O'Brien, Sydney Elizabeth (Political Science & Honours Legal Studies)

Olazo, Theris Richelle (Fine Arts Studio Practice & Honours Arts and Business – Co-operative Program) *

Patel, Vraj Bharat (Psychology – Human Resources Management Minor)

Pathmarajah, Jaanuishae (Legal Studies & Honours Arts and Business) *

Pereira, Aidan Michael James (Legal Studies – Sociology Minor)

Petrou, James William (Legal Studies – Psychology Minor)

Powers, Stephanie Victoria (English-Literature and Rhetoric)

Puveendiran, Krishani (Liberal Studies & Honours Arts and Business – Economics Minor, Human Resources Management Minor – Co-operative Program) *

Ravimoorthy, Mishale (Legal Studies & Honours Arts and Business – Co-operative Program)

Riat, Gurjot Kaur (Political Science – Politics and Business Specialization & Honours Arts and Business – Human Resources Management Minor – Co-operative Program)

Rudy-Froese, Abigail Susannah (Social Development Studies – Social Work Specialization & Honours Arts and Business – Co-operative Program) *

Sadikaj, Jessie (Psychology & Honours Arts and Business) *

Sahota, Justin Matthew (Political Science & Honours Arts and Business – Co-operative Program) *

Sajjad, Kashmala (Social Development Studies – Social Work Specialization)

Sakhi, Zahra (Political Science & Honours Arts and Business)

Sarkaria, Jotveer (Economics & Honours Arts and Business – Co-operative Program)

Scott, Rebecca (English-Literature and Rhetoric) *

Seegobind, Sharon (English-Rhetoric, Media, and Professional Communication & Honours Arts and Business – Human Resources Management Minor, French Minor – Co-operative Program) *

Shao, Sean (Mathematical Economics)

Shehab, Asmaa (Social Development Studies)

Sheikh, Maahir Mahmood (Political Science – Politics and Business Specialization & Honours Arts and Business – Co-operative Program)

Shen, Haochen (Fine Arts Studio Practice – Digital Arts Specialization)

Shi, Jin Jin (Economics)

Simionescu, Isabelle (Psychology - Research Intensive Specialization) *

Simon, Jahdae Mickaila (Peace and Conflict Studies – Political Science Minor)

Singh, Ramandeep (Legal Studies – Sociology Minor) *

Situ, Andrew Brian (Economics – Co-operative Program)

Sockett, Kori Lynn (Psychology – Sexuality, Marriage, and Family Studies Minor) [†]

Solanki, Shanaya Mitesh (Political Science)

Sremcevic, Katarina (Psychology – Research Intensive Specialization – German Minor) *

Stafford, Jonathan Edward In-Ju (Communication Studies & Honours Arts and Business – Co-operative Program)

Taneja, Amira (English-Rhetoric, Media, and Professional Communication – Co-operative Program) [†]

Thind, Paulvinder Singh (Legal Studies – Political Science Minor)

Tiernan, Abbey Molly (Peace and Conflict Studies & Honours Arts and Business) [†]

Tolentino, Edel Veia (Psychology – Sociology Minor) *

Tran, Anna (Economics & Honours Arts and Business – International Trade Minor – Co-operative Program)

Trifonova, Elena (Communication Studies & Honours Arts and Business – Co-operative Program)

Tsao, Yat Hin Matthew (Legal Studies – History Minor) *

Tuzova, Daria (Psychology -Research Intensive Specialization -Co-operative Program) [†]

Vimalathasan, Vithusa (Psychology & Honours Arts and Business – Human Resources Management Minor – Co-operative Program) *

Wang, Dacheng (Economics)

Williams, Nancy Margaret (Peace and Conflict Studies – Philosophy Minor) *

* – Distinction

Wirmantio, Kelvin Navarro

(Economics - Co-operative Program)

Withers, Emma Geraldine (English-Literature and Rhetoric – Gender and Social Justice Minor) [†]

Yang, Jiaqi (Psychology – Geography and Environmental Management Minor)

Zhang, Xi (Liberal Studies & Honours Arts and Business – Psychology Minor)

Zuluaga, Angie Yuliana (Legal Studies & Honours Arts and Business – Co-operative Program) [†]

BACHELOR OF COMPUTING AND FINANCIAL MANAGEMENT

UNIVERSITY

HONOURS CO-OPERATIVE PROGRAM

Nguyen, Jenny Phuong Tu * Qi, Deyuan Shi, Yiming

BACHELOR OF GLOBAL BUSINESS AND DIGITAL ARTS

HONOURS PROGRAM

Arora, Samridh Deng, Ailin * Henderson, Maleigh Lynn * Kang, Yu Xiang Khan, Naveed Ahmed Le, Christina † Matheeswaran, Gokul * Milburn, Matthew Christopher Paleczny, Aristana Julia * Schneiderbanger, Amy Marie (Psychology Minor) † Woodburn, Galen Terrence Yang, Grace (Computing Minor) †

DIPLOMA IN ENGLISH FOR MULTILINGUAL SPEAKERS

Ao, Nina Han, Yun

DIPLOMA IN HUMAN RESOURCES MANAGEMENT

Runstedler, Luke

DIPLOMA IN JAPANESE LANGUAGE II

Ni, Tianyu

DIPLOMA IN KOREAN LANGUAGE I

Holthuysen, Jessica Faith

CERTIFICATE IN EXPERIENTIAL EDUCATION

Liao, Zijun

CERTIFICATE IN GLOBAL EXPERIENCE

Liao, Zijun Zeng, Selina

* - Distinction
 † - Dean's Honours

Outstanding Achievements

FACULTY OF ARTS

MEDALS AND AWARDS

(Spring 2023)

FINALIST FOR THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL Doctoral Monique Elizabeth Mary Kampherm

22 Fall 2023 Convocation / UNIVERSITY OF WATERLOO



AFTERNOON CEREMONY

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

Graduate Degrees

FACULTY OF ENGINEERING

DOCTOR OF PHILOSOPHY

Abedifirouzjaei, Hajar (Systems Design Engineering) "Autonomous Radar-Based Gait Monitoring System"

Abolhasani, Atekeh (Mechanical and Mechatronics Engineering) "Experimental Analysis and Modeling Investigation of Precipitation Kinetics and Hardening in Two AI-Zn-Mg-Cu Alloys"

Adibi, Azin (Chemical Engineering) "Engineered Polysaccharide, Alpha-1,3 Glucan, as a Functional Filler of Rubber Composites"

Aldhafeeri, Tahani (Chemical Engineering)

"Biomass Derived Laser-Induced Graphene with Embedded Catalysts: Towards Enhanced Oxygen Reduction Reaction Catalytic Performance"

Alshehri, Omar (Mechanical and Mechatronics Engineering – Nanotechnology) "New Platform Designs for Enabling Atomic Interactions in Solid and Gaseous States"

Amini, Amir-Reza (Electrical and Computer Engineering) "On Nonlinear Time-Invariant Behavioural Models of Power Transistors Used in the Computer-Aided Design of Power Amplifiers"

Asgarimoghaddam, Hatameh

(Mechanical and Mechatronics Engineering - Nanotechnology) "Spatial Atomic Layer Deposition of Alumina-Based Thin Film Encapsulation for High Performance Perovskite Solar Cells"

Atkinson, Jonathan (Electrical and Computer Engineering – Nanotechnology) "Silver Nanowire Networks in Electrochromic Devices"

Azvar, Milad (Mechanical and Mechatronics Engineering) "Chip Geometry, Cutting Force, and Elastic Deformation Prediction for Gear Hobbing"

Bidart, Rene Stephen (Systems Design Engineering) "Representational Redundancy Reduction Strategies for Efficient Neural Network Architectures for Visual and Language Tasks" **Burgess, Kiefer Joe** (Management Sciences)

"Models of Deterministic and Stochastic Comparison: Two Studies in Applied Operations Research"

Ceja Espinosa, Carlos (Electrical and Computer Engineering) "Energy Management Systems for Multi-Microgrid Networks Under Uncertainties"

Chaffart, Donovan Robert Gordon (Chemical Engineering) "Development of a Moving Front Kinetic Monte Carlo Algorithm to Simulate Moving Interface Systems"

Chung, Dong Seob (Electrical and Computer Engineering) "Investigating the Effect of ZnO Modifications on the Electroluminescence Stability of Quantum-dot Light Emitting Devices and the Underlying Factors"

Cui, Yaodong (Mechanical and Mechatronics Engineering) "Towards Domain Invariant Real-Time Point Cloud Perception"

Danaei, Behzad (Systems Design Engineering)

"Predictive Dynamic Simulation of Human Movement Following Hip and Knee Replacement"

Deng, Jonathan Jiayu (Mechanical and Mechatronics Engineering) "Modelling Physical Mechanisms of Nodule Development in Phono Traumatic Vocal Hyperfunction using Computational Vocal Fold Models"

Ebrahimi Sadrabadi, Bahareh (Electrical and Computer Engineering) "Investigation into Photon Emissions as a Side-Channel Leakage in Two Microcontrollers: A Focus on Sram Blocks"

Ekomwenrenren, Etinosa (Electrical and Computer Engineering) "Hierarchical Coordinated Fast Frequency Control using Inverter-Based Resources for Next-Generation Power Grids"

Elhuni, Hesham (Civil Engineering) "Studies on Nonlinear and Dynamic Soil Structure Interaction"

Gee, Bruce (Civil Engineering) "Inertial, Transient, and Turbulent Flow through Deformable and Propagating Fractures: Theory and Computational Engineering" **Guo, Tao** (Mechanical and Mechatronics Engineering – Nanotechnology) "Chalcogenide and Metal-Oxide Memristive Devices for Advanced Neuromorphic Computing"

Habibpour, Saeed (Chemical Engineering - Nanotechnology) "Development and Characterization of High Performance Electrically Conductive Polymer Nanocomposite for Electromagnetic Interference (EMI) Shielding Applications"

Hanna, Maria (Electrical and Computer Engineering) "Public Transportation Electrification with the Support of Mobile Energy Storage"

Hawes, Gillian Faith (Chemical Engineering - Nanotechnology) "Fabrication of Graphene-Based Electrodes for Electrochemical Energy Storage Devices"

Ibrahim, Ahmed Hanafy Ahmed Morsi (Mechanical and Mechatronics

Engineering) "Experimental Assessment and Computational Modeling of Adhesive, Self Piercing Rivets (SPR), and Hybrid (Adhesive-SPR) Joints: Enhancing Joint Performance for Aluminum Sheet Material"

Kim, Youn Hwan (Chemical Engineering) "Engineered Polysaccharide A-1,3-Glucan Thermoplastic Composites"

Lu, Yukun (Mechanical and Mechatronics Engineering) "Adaptive and Interconnected Suspension Systems for Improving Truck Stability and Ride Quality"

Luo, Guiwen (Electrical and Computer Engineering) "On the Computation of Multi-Scalar Multiplication for Pairing-Based zkSNARKs"

Marchione, Olivia Alexandra Celeste

(Mechanical and Mechatronics Engineering - Nanotechnology) "Leveraging Atmospheric-Pressure Spatial Atomic Layer Deposition and Machine Learning for Nanomaterial and Device Design"

Meng, Lingheng (Electrical and Computer Engineering) "Learning to Engage: An Application of Deep Reinforcement Learning in Living Architecture Systems"

Milligan, Graeme Jacob (Civil Engineering)

"Nonlinear Finite Element Analysis of Influence of Support Geometry on the Punching Shear Behaviour of Reinforced Concrete Slabs"

Nazemi, Amir (Systems Design Engineering) "Continual Learning-Based Video Object Segmentation"

Nouri, Mohammad (Electrical and Computer Engineering – Nanotechnology) "Effect of Layer Transfer and Plasma Etching on The Behavior of Transition-Metal Dichalcogenide Field-Effect Transistor Arrays"

Palma Flores, Oscar (Chemical Engineering)

"Integration of Design and NMPC-Based Control of Processes Under Uncertainty"

Patron, Gabriel David (Chemical Engineering)

"New Approaches for the Real-Time Optimization of Process Systems Under Uncertainty"

Phalakarn, Kittiphon (Electrical and Computer Engineering) "On Parallel Computation of Large Smooth-Degree Isogeny"

Rana, Md. Masud (Electrical and Computer Engineering) "Organic-Inorganic Nanomaterial Based Highly Efficient Flexible Nanogenerator for Self-Powered Wireless Electronics"

Samaeifar, Fatemeh (Electrical and Computer Engineering – Nanotechnology) "Investigating the Causes of the Lower Electroluminescence Stability of OLEDs with Solution-Coated Versus Vacuum Deposited Host: Guest Systems"

Serry, Mohamed Ahmed

(Mechanical and Mechatronics Engineering)

"Theoretical and Numerical Analyses of Laryngeal Biomechanics: Towards Understanding Vocal Hyperfunction"

Shen, Xin (Chemical Engineering) "Modeling and State Estimation of Bio-processes Using Dynamic Flux Balances"

Shorey, Rohan (Chemical

Engineering) "Chemical Tailoring of Lignin for Functional and Sustainable Material Solutions"

Sikaroudi, Milad (Systems Design Engineering)

"Out-of-Distribution Generalization of Gigapixel Image Representation"

Sun, Guanjie (Chemical Engineering) "Numerical and Experimental Investigations of Thermally Coupled Catalytic Hydrogen Combustion – Reverse Water Gas Shift Reactor for CO₂ Conversion to Synthesis Gas"

Taleghanidoozdoozan, Saeid (Systems Design Engineering) "Spatial Modeling of Compact Polarimetric Synthetic Aperture Radar Imagery"

Trakarnchaiyo, Chanuphon

(Mechanical and Mechatronics Engineering) "Design and Implementation of Magnetic Levitation Based Modular Omnidirectional Conveyor System"

Wang, Yi (Chemical Engineering) "Development of Sustainable Superhydrophobic Surfaces for Water Manipulation"

Wang, Yifei (Civil Engineering) "Understanding the Fundamentals and Application of Electrically Conductive Biofilm in Dry Digestion"

Wu, Ying (Mechanical and Mechatronics Engineering) "Flow-Induced Vibration of Elastically Mounted Cylinder-Plate Assemblies"

Zabihi, Mehdi (Mechanical and Mechatronics Engineering) "A Dependable Actuator and Sensor Health Monitoring System"

Zhang, Dedong (Systems Design Engineering) "Multi-sensor Fusion for Positioning and Semantic Information Extraction

in Indoor Environments"

Zhang, Yi (Mechanical and Mechatronics Engineering) "Super Hydrophobicity of Surfaces Decorated by Electrospun Micro and Nano-Fibers"

Zhao, Weinan (Chemical Engineering) "Superwetting Surfaces Derived From Sustainable Materials for Environmental and Energy Applications"

Zhu, Ziang (Civil Engineering - Water) "Leveraging Deep Learning and Advanced Statistical Methods for Investigating the Fate and Transport of Microplastics in a Waste Water Treatment"

MASTER OF APPLIED SCIENCE

Abdelbadie, Abdullah (Civil Engineering)

Abdelrahman, Rana Ashraf (Systems Design Engineering – Nanotechnology)

Aydemir, Nicholas Selim (Mechanical and Mechatronics Engineering) **Azzi, Carl** (Systems Design Engineering)

Barot, Pranav (Systems Design Engineering)

Cao, Yifeng (Mechanical and Mechatronics Engineering)

Cha, Benjamin Sun (Mechanical and Mechatronics Engineering)

Chung, Jonathan Tinlai (Electrical and Computer Engineering)

Dave, Ridham Pinakin (Electrical and Computer Engineering)

Diaz De Leon Derby, Ana Lucia (Systems Design Engineering)

Diederichs, Elizabeth Valentine (Systems Design Engineering)

D'Souza, Leroy Joel (Electrical and Computer Engineering)

Fan, Kaiwen (Electrical and Computer Engineering)

Fernando, Sachin Hasindu (Mechanical and Mechatronics Engineering)

Gill, Gurmeet (Mechanical and Mechatronics Engineering)

Gunraj, Hayden Kendall (Systems Design Engineering)

He, Ruijian (Mechanical and Mechatronics Engineering)

Hunter, Jason James (Systems Design Engineering)

Hussein, Noon (Electrical and Computer Engineering)

Kandasamy, Kishore Subramanian (Chemical Engineering)

Kaur, Parveen (Electrical and Computer Engineering)

Khalili, Ghazaleh (Management Sciences)

Kinra, Saumay (Chemical Engineering)

Lau, Janice Ching Lam (Systems Design Engineering)

Lee, Hyejin (Chemical Engineering)

Lee, Seung June (Mechanical and Mechatronics Engineering)

Lei, Xiaomeng (Electrical and Computer Engineering)

Liang, Weidong (Systems Design Engineering)

Liu, Shuchen (Electrical and Computer Engineering)

Lu, Siyan (Mechanical and Mechatronics Engineering)

Lu, Zhengyang (Electrical and Computer Engineering)

Mahmoud, Islam Mohamed Mahmoud Nasr Mohamed (Electrical and Computer Engineering)

Mannes, Christopher Gus (Electrical and Computer Engineering)

Matthias, Mikhailla Gelisia Amanda (Management Sciences)

Mele, Christian (Mechanical and Mechatronics Engineering)

Meyer, Robert Matthew (Systems Design Engineering)

Narayanan, Nishant Sriram (Mechanical and Mechatronics Engineering)

Ozelcaglayan, Ali Can (Civil Engineering)

Palage, Andreea Maria (Systems Design Engineering)

Paul, Naomi Vannessa (Systems Design Engineering – Aeronautics)

Propp, Aaron (Electrical and Computer Engineering)

Rihan, Mennatallah (Mechanical and Mechatronics Engineering)

Robati Shirzad, Mohammad (Electrical and Computer Engineering)

Roscetti, Daniela Nicole (Civil Engineering)

Saha, Jaita (Civil Engineering -Water)

Shang, Jia Cheng (Systems Design Engineering)

Shrestha, Sulav Lal (Electrical and Computer Engineering)

Smith, Scott (Mechanical and Mechatronics Engineering)

Stracovsky, Lukas (Mechanical and Mechatronics Engineering)

Sun, Chongren (Systems Design Engineering)

Toffolo, Kayden Michael Kathryn (Chemical Engineering)

Tomkay, Brian Michael (Mechanical and Mechatronics Engineering)

Wang, Zihao (Electrical and Computer Engineering)

Warsi, Zain Hussain (Electrical and Computer Engineering)

Wright, Michael Gordon (Electrical and Computer Engineering)

Yan, Jihui (Mechanical and Mechatronics Engineering)

Yasoubi, Nazanin (Chemical Engineering)

Yasoubi, Yasaman (Chemical Engineering)

Zhang, Kevin Hugh (Mechanical and Mechatronics Engineering)

MASTER OF ARCHITECTURE

Ahmadli, Rashad Rasim Oglu Antczak, Elizabeth V.

Jumayeva, Ogulnabat (Co-operative Program)

Lan, Xin

Lin, Lucy Ma, Florence

Matos, Laura Sousa

Metaj, Hyjnid

Mohammed, Alshima

Mourad, Laila (Co-operative Program)

Naser, Elias Woodall, Laura Leone Yamin

MASTER OF BUSINESS, ENTREPRENEURSHIP & TECHNOLOGY

Al-Sheikhly, Rania Mostafa Abdul-S Batthula, Saisha Baxter Mark James Zufelt Chellappa, Venkat Krishnan Chijioke-Ugwu, Ndubuaku Chika Choudhury, Ashna Shirin Cordssen-David, Andrew Kevin Daghighian, Sajjad Dariyani, Aashu Ajay Dhanapala, Joshua Antony Fung, Sum Yi Grewal, Neha Kaur Guan, Jiawei He, Jia Ioannou, Christianna Krishnan, Priya Kumar, Shubham Lalwani, Jaya Li. Lin Lien, Jennifer Chi Chen Lodhi. Mehdia Madaan, Lakshit Mehra, Vasudev Mehta, Harit Mike, Cherisse Mirghaffari, Sepideh Mwesigye, Ernest Nabahani, Karam Bilal Namdar, Shokouh OGBEIDE, OLAJUMOKE LILIAN Osagie, Yvonne Igbinosa Peralta, Abigail Solero Qureshi, Furgan Junaid Ahmed Truman, Kade Jeffery Wang, Yuwen Yang, Yuxi Zhang, Xinran

MASTER OF ENGINEERING

Adamu, Abdulkadir Suleiman (Civil Engineering)

Arora, Shreyansh (Electrical and Computer Engineering)

Arya, Gauravi (Electrical and Computer Engineering)

Baig, Usama (Electrical and Computer Engineering)

BAROT, KHUSHI ARUNKUMAR (Electrical and Computer Engineering)

Biju, Thomas Kevin (Mechanical and Mechatronics Engineering)

Birudu, Rishi Raj (Mechanical and Mechatronics Engineering)

Cao, Peishan (Systems Design Engineering)

Chen, Jin (Mechanical and Mechatronics Engineering)

Chen, Liang Yu (Electrical and Computer Engineering)

Choudhary, Tanishq (Mechanical and Mechatronics Engineering – Co-operative Program)

Diyanoush, Anahita (Chemical Engineering)

Donga, Bansi Jashvantkumar (Electrical and Computer Engineering)

Francis, Mareena (Electrical and Computer Engineering)

Ghate, Narendra (Electrical and Computer Engineering - Electric Power Engineering)

Gill, Gurdeep Kaur (Electrical and Computer Engineering)

Girish, Geethu (Electrical and Computer Engineering)

Goldgruber, Alexander (Civil Engineering)

Guo, Luchi (Electrical and Computer Engineering)

Gupta, Mukul (Electrical and Computer Engineering)

Han, Shuman (Electrical and Computer Engineering)

Hassan, Ali (Electrical and Computer Engineering)

Hassan, Muhammad Ibrahim-ul (Electrical and Computer Engineering)

Ige, Faith Oluwanifemi (Chemical Engineering)

Ihimodu, Ayodeji Eyitayo (Electrical and Computer Engineering)

Jiang, Xinguang (Systems Design Engineering)

Jiao, Yusen (Systems Design Engineering)

Jin, Yijie (Mechanical and Mechatronics Engineering)

Kalola, Sunnykumar Jitendrabhai (Electrical and Computer Engineering)

Kalra, Ridhima (Electrical and Computer Engineering)

Kaur, Harneet (Electrical and Computer Engineering)

Khan, Muhammad Saad (Electrical and Computer Engineering)

Khatri, Mayuri Jayeshkumar (Civil Engineering)

Khehra, Akashdeep Singh (Electrical and Computer Engineering)

Kotha, Vaishnavi (Systems Design Engineering)

Lecours, Jean-Edouard (Mechanical and Mechatronics Engineering)

Leon Acta, Jesus Emilio (Mechanical and Mechatronics Engineering)

Li, Mengxiao (Chemical Engineering)

Lin, Nansen (Electrical and Computer Engineering)

Liu, Ka Chun (Civil Engineering)

Liu, Zuqi (Systems Design Engineering)

Mehboudi, Rasoul (Chemical Engineering)

Nguyen, Loi Minh (Electrical and Computer Engineering)

Nibret, Bethelhem Nigat (Electrical and Computer Engineering)

Parida, Ipsita (Systems Design Engineering)

Park, Jin (Electrical and Computer Engineering)

PATEL, JAYESH BHARAT (Electrical and Computer Engineering)

Patel, Mayur Nareshkumar (Mechanical and Mechatronics Engineering)

Prajapati, Naitikkumar Haribhai (Electrical and Computer Engineering)

Qi, Ji Yang (Electrical and Computer Engineering – Electric Power Engineering)

QIU, Yirou (Electrical and Computer Engineering)

Qu, Jianan (Mechanical and Mechatronics Engineering)

Raee, Hamed (Electrical and Computer Engineering)

Ranganathan, Sriram (Electrical and Computer Engineering)

Sai, Ujjwal (Chemical Engineering)

Saini, Vishal (Electrical and Computer Engineering)

Salman, Hussain (Electrical and Computer Engineering)

Seraji, Parisa (Electrical and Computer Engineering)

Seyidov, Kenan (Systems Design Engineering)

Singh, Gurkirat (Electrical and Computer Engineering)

Sit, Wai Hang (Civil Engineering)

Subramanian, Karthikeyan (Electrical and Computer Engineering)

Taghizadeh Kakhki, Sara (Electrical and Computer Engineering)

Thakur, Shruti (Electrical and Computer Engineering)

Trudeau, Matthew Horace (Mechanical and Mechatronics Engineering)

Wan, Weixizheng (Systems Design Engineering)

Wang, Huiying (Chemical Engineering)

Wang, Yiwei (Electrical and Computer Engineering)

Wong, Dakota Lee (Electrical and Computer Engineering)

Wu, Shuao (Systems Design Engineering)

Xu, Zhenhuan (Electrical and Computer Engineering)

Yang, Zhourui (Systems Design Engineering)

Ye, Qixin (Electrical and Computer Engineering)

You, Shichen (Systems Design Engineering)

Yu, ZeYi (Electrical and Computer Engineering)

Zhang, Zhaoxin (Electrical and Computer Engineering)

ZHU, GE (Electrical and Computer Engineering)

Zhu, Mingxing (Mechanical and Mechatronics Engineering)

MASTER OF MANAGEMENT SCIENCES

Arora, Rohan Hamid, Hassan Jayaprakash, Pavithra Jin, Meng Khaneja, Heetakshi Vedprakash Lou, Fuhao Lu, Yiwen Matheson, Erin Panchal, Rohankumar Panda, Indrajit Peng, Bo Sheikh, Amina Mohsin Silva Castillo, Gabriel Alejandro Su, Meijing Tomescu, Dana Wu, Xia Yu, Wong Sing Zeng, Bailin

GRADUATE DIPLOMA

Biju, Thomas Kevin (Green Energy)

Chen, Jin (Fire Safety)

Lecours, Jean-Edouard (Design Engineering)

Leon Acta, Jesus Emilio (Design Engineering)

Lu, Yiwen (Data Analytics)

Panda, Indrajit (Data Analytics)

Patel, Mayur Nareshkumar (Fire Safety)

Peng, Bo (Data Analytics)

Qu, Jianan (Design Engineering)

Sheikh, Amina Mohsin (Data Analytics)

Su, Meijing (Data Analytics)

Wu, Xia (Data Analytics)

Zeng, Bailin (Data Analytics)

GRADUATE CERTIFICATE

Ellingham, Jennifer Nicole (University Teaching)

Undergraduate Degrees

FACULTY OF ENGINEERING

BACHELOR OF APPLIED SCIENCE

Abrar, Banin (Computer Engineering) Ahmad, Wahab (Computer

Engineering) *

Alexis, Adam Marc (Mechanical Engineering)

Dang, Melissa Bao Thi (Systems Design Engineering)

Fernandes, Joshua Michael (Mechatronics Engineering)

Garg, Siddharth (Computer Engineering)

Hayden, Kevin Scott (Nanotechnology Engineering) *

Hayes, William Brandon (Electrical Engineering)

Henshaw, Taylor Morgan (Chemical Engineering – Materials and Manufacturing Processes Specialization)

Hood, Nathan Francis (Geological Engineering) *†

Jing, Qianlong (Mechatronics Engineering)

Kuhne, Erik Matthew (Electrical Engineering)

Lai, Sheng Sheng (Civil Engineering – Transportation Specialization)

Li, Ryan Y. H. (Nanotechnology Engineering) *

Liu, Zihan (Computer Engineering) *

Lu, Yuxiang (Electrical Engineering) *

Marinelli, Louis Michael (Mechanical Engineering – Computing Minor) *

Melgiri, Nikhil (Mechanical Engineering)

Mohammed, Aden Sadeq (Chemical Engineering – Materials and Manufacturing Processes Specialization)

Morrison, Alexander Hirst (Mechanical Engineering)

Navajeevayokan, Sutharseehan (Computer Engineering)

Prophet, Lauren Sarah (Nanotechnology Engineering) *

Raisa, Jerin Tasnim (Computer Engineering) *

Rizvi, Syed Wajih Haider (Mechanical Engineering – Computing Minor) **Ross, Ian Kuula** (Nanotechnology Engineering) *

Said, Adam (Mechanical Engineering) *

Soudki, Adnan (Computer Engineering)

Souza, Titi-Angela (Biomedical Engineering/Management Sciences Option) *

Tiwari, Ayushi (Computer Engineering)

Yasotharan, Larkshana (Architectural Engineering)

Zhou, Lin Xiang John (Nanotechnology Engineering)

Zhu, David Han (Computer Engineering) *

BACHELOR OF ARCHITECTURAL STUDIES

HONOURS PROGRAM

Anderson, Camryn * Barnik, Lyric Hasan *† Bracewell, Gareth Mark * Brown, Brianna Nicole St Clair * Cai, Jason *† Chan, Jessica Pui Yue * Chan, Olivia (Italian Studies Minor) * Chapman, Lindsey Marie * Chen, Ching Ting Chen, Jennifer Baohui Chen. Qi Jia Chen, Riling * Chen, Zhixiao Cheng, Lok Ching Nadia * Chuprys, Ann *† Clusiau, Silas Hilaire * Cuvin, Arabella Cecille Del Rosario, Johannah-Gwyneth * Engen, Madeline Hope *† Erden. Defne Ekin Espinoza Di Pierri, Ricardo Andres * Eugenio, Marc Jerome * Fahmy, Janna

Falif, Fathima Mahara Fanseda, Ryan Augustine Tjioe * Gao, Ronghao Gu, Xin Yang * Gutierrez, Monica Avery Hanna, Simone Samy Helmy * Hijazi, Nadine Awad Holder, Alexa Megan *† Hrabi, Cian MacIsaac Hu, An Yi (Legal Studies Minor) Hu, Christa * Hu. Yue Hur, Yoon * Jackson, Drew George Kaneko, Tomoki * Khan, Zhoya Lam, Phyllis Hui Kei * Lee, Ernest * Li, Pingjia Emily Li, Shuyue Liu, Enoch Difei *† Lu, Glenn Hongdao * Ma, Nhuy Cindy * Ma, Yu Yan * Melisek, Owen Gideon *† Mok, Lauren Wing Sze * Neal, Janson Alexander Peiris. Simon Eustace * Perry, Maxwell Andrew Wolff *† Qian, Ji Xi * Rizvi, Inam Zehra * Sabourin, Elizabeth Victoria *† Salas Narváez, Carla Elena Shi, Chen Yue Simonetta, Giulia Elizabeth Siu, Kenneth Smirnova, Maria Song, Young Joon * Strub, Adele Nicole *† Valles. Serena Zoe * van Gaalen, Niara Alexandra * Vicente, Valerie

^{* –} With Distinction

^{† –} Dean's Honours List

Villasmil Wilhelm, Sofia Walsh, Isaac Robert * Wong, Madeleine Audrey Sze Mun * Woo, Eugene Yang, Justina * Yau, Jeffrey Tin Chak * Zhang, Hannah * Zhao, Ze Yao * Zheng, Catherine *

CERTIFICATE IN GLOBAL EXPERIENCE

Espinoza Di Pierri, Ricardo Andres

* – With Distinction † – Dean's Honours List

Fall 2023 Convocation / UNIVERSITY OF WATERLOO 29

Graduate Degrees

FACULTY OF ENVIRONMENT

DOCTOR OF PHILOSOPHY

Atleo, Tara Dawn Shannon (Sustainability Management) "Is Revenue Sharing Real Reconciliation? Recognizing the Role of Indigenous Law and Governance in British Columbia Crown Forestry Agreements"

Cooper, Kira Jade (Social and Ecological Sustainability) "An Exploration of the Nexus Between Inner and Outer Sustainability"

Goodchild, Melanie (Social and Ecological Sustainability) "Niigani Miinigowiziiwin (We Give These Gifts to the Future)"

He, Hongjie (Geography) "Optimization of Rooftop Delineation From Aerial Imagery With Deep Learning"

Lazurko, Anita Marie (Social and Ecological Sustainability) "Complexity, Ambiguity, and the Boundaries of the Future: Toward a Reflexive Scenario Practice in Sustainability Science"

Muhl, Ella-Kari (Social and Ecological Sustainability) "Co-Production of Knowledge for Indicators, Otters and Ecosystem-Based Management"

Sharmin, Dilruba Fatima (Social and Ecological Sustainability - Water) "Examining the Relationship Between Climate Change and Migration and Its Socio-Economic Implications in Dhaka, Bangladesh"

Smith, Lauren Keira Marie (Social and Ecological Sustainability) "Flooded With Terror: Identifying Existential Threat in Water Crisis Communication and Exploring Gender Bias in the Depths of Water Management"

Yang, Chen (Planning) "Rural-to-Urban Resettlement and Resettled Villagers' Post-Resettlement Adaptation in Hangzhou, China"

MASTER OF ARTS

Boswell, Tyler (Planning) Kashmiri, Shahad Esam (Planning) Mance, Victoria Susanne (Planning) Manu, Michael Kofi (Planning) Musah, Cynthia Itbo (Geography) Phillips, Jenna Moon Frankie (Global Governance) Wright, Jacob (Planning)

MASTER OF CLIMATE CHANGE

Abedin, Nermin Chen, Sijia Farooqi, Yusuf Gounder, Saumya Karunanithi He. Mu Karim, Nahian Kuhnert, Katarina Lindsay McKinney, Quincy Paul Minhas, Tanjit Kaur Monaghan, Christopher Nanayakkara, Sama Niu, Zixi Pande, Supriya Shannon, Kristie Marie Smith, Kathleen Marie Song, Yaqi Su, Jingyao Tangney, Gabriella Jane Wang, Beike Wang, Peiran Wassmansdorf, Daniel

MASTER OF ECONOMIC DEVELOPMENT AND INNOVATION

Braine, Dawson Gonzalez-Peltier Leogal, Issa Fay Pereira, Michael David Sakamoto, Bianca Harumi Scribner, Anna Marta

MASTER OF ENVIRONMENT AND BUSINESS

Baker, Margaret Bakos, Kathryn Louena Marie Bhanji, Zahir Coleman, Stefanie Michelle Dagg, Leah Dotzlaw, Emily Griffin, Meaghan Kelly, Micaela Kibjis, Colin Kureshi, Bilal Ahmed Lashari, Sara Lefebvre, Heather Lenson, Michelle Wing-Yee Liu, Siying McLeod, Julia Metz, Caroline Anne Morrison, Heather Leslie Quinn, Carolyn Amelia Ritchie, Carrie Anne Sheikh, Moawaz Amin

MASTER OF ENVIRONMENTAL STUDIES

Bosworth, Patrick John (Sustainability Management)

Boucher, Rachel (Social and Ecological Sustainability)

Chiang, Anika Yui-Yue (Geography - Water)

Cortinovis, Stephanie Rose (Sustainability Management)

Dunham, Ryan John (Planning)

Faubert, Jamie (Sustainability Management)

Giesinger, Kayleanna (Sustainability Management)

Heerema, Sara Marigold David (Geography)

Hernandez Enriquez, Aurora (Sustainability Management)

Hill Smith, Caroline Elize (Geography - Water)

Jackson, Andrew James (Geography)

Ecological Sustainability)

Keough, Ceara Susan (Geography) Maksimenko, Arsenii (Social and

McGlade-Bouchard, Cameron Maude (Sustainability Management)

Rodriguez, Matthew Ryan (Social and Ecological Sustainability)

Samiee-Zafarghandy, Mina (Sustainability Management - Water)

Sarker, Tanusri (Sustainability Management)

Sherlock, Cassandra Nadya (Sustainability Management)

Tariq, Maliha (Sustainability Management)

Wittmann, Elizabeth Tracy Pratt (Social and Ecological Sustainability)

MASTER OF PLANNING

Brooks, Shannon Alyce Cabral, Marion-Frances Assumption Gabra, Martino

MASTER OF SCIENCE

Ballantyne, Charlotte Daphne Macleod (Geography)

Bayer, Courtney Anna (Geography)

Fliesser, Jennifer Amanda (Geography)

Gray, Mary Ann (Geography - Water)

Ma, Anqi (Geography)

Pan, Zhuoran (Geography)

Ren, Tianyu (Geography)

Wu, Yiqing (Geography)

Yao, Yikai (Geography)

GRADUATE DIPLOMA

Bucik, Alison (Climate Risk Management)

Goobie, Scott (Climate Risk Management)

Gray, Megan Michelle (Climate Risk Management)

Panagiotidis, Kristen (Climate Risk Management)

Roberts, Brandon (Climate Risk Management)

Suarez Santana, Maria Angelica (Climate Risk Management)

Undergraduate Degrees

FACULTY OF ENVIRONMENT

BACHELOR OF ENVIRONMENTAL STUDIES

GENERAL PROGRAM -THREE YEAR

Li, Hui Jie (Geography and Environmental Management)

Pebesma, Blane Alexander (Geography and Environmental Management – Urban Studies Minor) *

Rampersad, Saurav Parmeshwar

Nandeshwar (Geography and Environmental Management – Aviation Specialization)

Singh, Jivteshveer (Geography and Environmental Management)

Stavraky, Alex James MCcaig (Geography and Environmental Management – Aviation Specialization)

Volkel, Eric A. (Geography and Environmental Management)

HONOURS PROGRAM

Alamshoeva, Farosatmo Hofizovna (International Development – Research Specialization – Entrepreneurship Minor)

Ali Khan, Mir Ainan (International Development – Research Specialization)

Araya, Jose Paolo (Geography and Environmental Management – Climate Change and Environment Specialization – Environment, Resources and Sustainability Minor)

Barkho, Andrew (Geomatics – Co-operative Program)

Batliwalla, Mehrzad (Geography and Aviation – Climate Change and Environment Specialization) [†]

Benny, Bryan (Environment and Business – Geography and Environmental Management Minor – Co-operative Program)

Bhatti, Amman (Geomatics – Computing Minor – Co-operative Program) *

Bird, Eva Elizabeth Margaret

(Geography and Environmental Management & Joint Honours Visual Culture – Urban Studies Minor – Co-operative Program) **Chang, Kobe** (Geography and Environmental Management – Geomatics Specialization)

Chen, Susan (Geography and Aviation – Geomatics Specialization)

Chen, Zipeng (Geomatics – Co-operative Program)

Cheung, Hugo (Environment and Business – Economics Minor – Co-operative Program)

Chu, Medalaine (Geography and Environmental Management – Aviation Specialization)

Cooper, Riley Anne (Planning – Political Science Minor – Co-operative Program) *

Cullinane, Grace Puri (Environment, Resources and Sustainability – Geography and Environmental Management Minor – Co-operative Program)[†]

Dasgupta, Ishani (Environment, Resources and Sustainability – English Language and Literature Minor – Co-operative Program) *

Dawson, Michael Riley (Geography and Aviation – Earth Systems Science Specialization) *

Dembla, Pratham (Environment and Business – Economics Minor – Co-operative Program)

Deng, Dora (Geography and Environmental Management – Anthropology Minor)

Do, Christina (Environment, Resources and Sustainability – Geography and Environmental Management Minor)

Fan, Yue (Geography and Environmental Management – Climate Change and Environment Specialization)

Fitwi, Sennai (Geomatics – Computing Minor) *

Gajewski, Matthew Jordan (Geomatics – Co-operative Program)

Gao, Pengbo (Environment and Business – Geography and Environmental Management Minor – Co-operative Program)

Han, Fan (Environment and Business) *

Hanjrah, Jai Singh (Environment and Business – Co-operative Program)

Hicks, Luke Alexander (Geography and Environmental Management – Geomatics Specialization – Co-operative Program)

Ho, Caitlin (Geography and Aviation) *

Houghton, Stephanie Elizabeth

(Environment and Business – Geography and Environmental Management Minor – Co-operative Program)

Husein, Faiz Ali (Geography and Environmental Management)

Jackson, Curtis Alexander

(Geography and Environmental Management – Economy and Society Specialization – Urban Studies Minor – Co-operative Program)

Jamee, Mahir-Ul (Geography and Aviation)

Jarcew, Cody Kristopher (Environment and Business)

Jiang, Xiaoyi (Environment, Resources and Sustainability – International Trade Minor, Mathematics Minor – Co-operative Program) *

Jin, Ang (Environment and Business – Co-operative Program)

Jou-Ter Woort, Carly Martine (Environment, Resources and Sustainability – Co-operative Program)

Kim, Dennis (Geomatics – Co-operative Program)

Kim, Yanggyu (Geography and Environmental Management – Aviation Specialization)

Kinney, Jacqueline Robb

(Environment, Resources and Sustainability & Joint Honours Social Development Studies – Diversity and Equity Specialization) *

Kirke, Emma Katharine

(Environment, Resources and Sustainability – Urban Studies Minor – Co-operative Program) *

Kolar, Carla Carol (Environment, Resources and Sustainability – Urban Studies Minor – Co-operative Program) [†]

- Point Distinction
- † Dean's Honours

Kugarajh, Pratykka (Planning – Urban Design Specialization – Geography and Environmental Management Minor – Co-operative Program) *

Kwan, Wilson P. (Geomatics – Mathematics Minor – Co-operative Program)

Lyu, Kezhou (Geomatics)

Ma, Xiaoxuan (Geomatics – Co-operative Program) *

Man, Jennifer Ka Yin (Planning – Land Development Planning Specialization & Urban Design Specialization – Co-operative Program) *

Meng, Franky (Geomatics – Computing Minor – Co-operative Program) [†]

Nanji, Adam (Planning – Land Development Planning Specialization – Co-operative Program)

Nguyen, Sophia Minh (Environment, Resources and Sustainability) *

Nowitsky, Owen Patrick (Geomatics – Peace and Conflict Studies Minor – Co-operative Program)

Owens-Frank, Isaac Samuel (Environment and Business – Co-operative Program) *

Pan, Wanting (Environment and Business – Co-operative Program) [†]

Parco, Veta (International Development – Practice Specialization) [†]

Phillips, Connor Grenville James (Environment, Resources and Sustainability & Joint Honours Legal Studies) [†]

Plath, Joshua Anthony Hart (Planning – Urban Design Specialization – Co-operative Program)

Quarrington, Daniel Matthew (Geography and Aviation) *

Rahmani, Ayda (Environment, Resources and Sustainability)

Rajkumar, Shane Dhillon (Geography and Environmental Management)

Salidas, Luis Michael (Planning – Environmental Planning and Management Specialization & Land Development Planning Specialization – Co-operative Program) *

Smitas-Kraas, Michaela Millie Alexandra (Environment, Resources and Sustainability – French Minor – Co-operative Program) *

Stewart, Ella Bryce Kendra Koeller

(International Development – Research Specialization – Peace and Conflict Studies Minor)

Subotincic, Axel (Geography and Aviation) *

Synnott, Mary Emily (Environment and Business – Co-operative Program)

Thilakanathan, Mathushan (Planning – Co-operative Program)

Tokiwa, Jett Aryton (Environment and Business – International Trade Minor – Co-operative Program) *

Trivedi, Harsh (Planning -Co-operative Program)

Wang, Fujia (Environment, Resources and Sustainability – International Trade Minor, Fine Arts Studio Minor – Co-operative Program) *

Wang, Yue (Environment and Business)

Willis, Duncan Robert Bruce (International Development) †

Wiltsie, Caitlyn Raye (Planning – Environmental Planning and Management Specialization – Co-operative Program)[†]

Wyrzykowski, Ashley Elizabeth (Environment, Resources and Sustainability – Co-operative Program) *

Xiang, Yuan (Geomatics – Co-operative Program)

Ye, Qifu (Geography and Environmental Management)

Ye, Shibo (Environment and Business – Co-operative Program)

BACHELOR OF KNOWLEDGE INTEGRATION

HONOURS PROGRAM

Khan, Zara Ameera *

Landry, Genevieve Lyra [†]

Martin, Olivia Grace (Knowledge Integration & Joint Honours French – Medical Physiology Minor)

Monteyne, David Scott

Rousseau, Léa Élysée-Collen (Science, Technology & Society Specialization – French Minor) *

Stanton, Caleb Cameron (Economics Minor)

Ye-Mowe, Stephanie

Zaidi, Mustapha Tahir (Political Science Minor) *

DIPLOMA IN ECOLOGICAL RESTORATION AND REHABILITATION

Cullinane, Grace Puri Dasgupta, Ishani Jou-Ter Woort, Carly Martine Smitas-Kraas, Michaela Millie Alexandra

DIPLOMA IN ENVIRONMENTAL ASSESSMENT

Dasgupta, Ishani Hanjrah, Jai Singh Jiang, Xiaoyi Kolar, Carla Carol Owens-Frank, Isaac Samuel Phillips, Connor Grenville James Smitas-Kraas, Michaela Millie Alexandra Wang, Fujia Wiltsie, Caitlyn Raye

DIPLOMA IN FRENCH LANGUAGE I

Salidas, Luis Michael

DIPLOMA OF EXCELLENCE IN GEOGRAPHIC INFORMATION SYSTEMS

Bhatti, Amman Fitwi, Sennai Meng, Franky

DIPLOMA IN SUSTAINABILITY

Fan, Yue Jarcew, Cody Kristopher Willis, Duncan Robert Bruce

* – Distinction

Outstanding Achievements

FACULTY OF ENGINEERING

MEDALS AND AWARDS

THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL Outstanding academic performance in a Master's program Seung June Lee

FINALIST FOR THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL Doctoral Tao Guo

FACULTY OF ENVIRONMENT

MEDALS AND AWARDS

FINALIST FOR THE UNIVERSITY OF WATERLOO ALUMNI GOLD MEDAL Doctoral Melanie Goodchild

Master's Mary Ann Gray

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/events-and-awards/awards-and-medals/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



Business and Digital Arts

Bach

Bachelor of Applied Science

Bachelor of Accounting and Financial Management





 \bigtriangledown





 \bigcirc



Bachelor of Computer Science



Bachel



helor of Computing and Financial Management



Software Engineering

PROFESSIONAL DOCTORATE





MASTER'S





Master o Planning





Master of

Public Service

HONORARY DOCTORATE



Master of Quantitative Finance





Master of Social Work





Theological Studies

DOCTORAL



























Letters







Laws

Master of















uwaterloo.ca #UWaterlooGrad