



Teaching.
Learning.
Research.

University of Alberta
November 9, 2023



“ The people demand that knowledge shall not be the concern of scholars alone. The uplifting of the whole people shall be its final goal. ”

Henry Marshall Tory
Founding President, 1908





Celebrate!

TEACHING • LEARNING • RESEARCH

Hosts

Dr. Verna Yiu, *Interim Provost and Vice-President (Academic)*

Dr. Aminah Robinson Fayek, *Vice-President (Research and Innovation)*

Opening Remarks

Dr. Verna Yiu

Closing Remarks

Dr. Aminah Robinson Fayek

Acknowledgements

Arrangements coordinated by:

Office of the Registrar, Convocation and Ceremonies Office

Special thanks to:

Members of the ***Celebrate!*** Steering Committee

Music provided by:

Keri Lynn Zwicker, *Harpist*

Rhodes Scholarship

The Rhodes Scholarship is a postgraduate award that supports outstanding all-round students to attend the University of Oxford, providing transformative opportunities for exceptional individuals.

- **Abigail Isaac** — *Political Science*
-

Alberta Science & Technology (ASTech) Awards

Technology Alberta showcases substantial achievements in science and technology in Alberta.

Applications in Agri-Food Production

- **R. Glen Uhrig** — *Biological Sciences*

Early Adoption of Alberta Innovation

- **John Davis** — *Physics*

Outstanding Achievement in AI/ML Advancement: Energy and Environmental Innovation

- **Omid Ardakanian** — *Computing Science*

Outstanding Achievement in Energy and Environment: Environmental Innovation in Energy Applications

- **Tariq Siddique** — *Renewable Resources*
- **Aman Ullah** — *Agricultural, Food and Nutritional Science*

Outstanding Achievement in Environmental Sustainability: Innovative Applications in Environmental Sustainability

- **John Nychka** — *Chemical and Materials Engineering*
- **Colleen St. Clair** — *Biological Sciences*

Abigail Isaac

Rhodes Scholarship

Abby is a first generation Eritrean-Ethiopian from Canada, and completed her BA in Political Science and Economics at the University of Alberta in 2022. Her experiences as a diaspora student and Black Lives Matter activist informed her initial interest in migration studies, culminating in a thesis project exploring the nexus of gender justice, refugee justice and climate justice. As a former student governance representative, (co)-founder of two gender equity-seeking organizations and a digital magazine, Abby's advocacy work has brought her across Canada and to the United Nations in Geneva. She was most recently awarded the Queen's Platinum Jubilee Medal. Since graduating, Abby worked with two Canadian organizations conducting research on barriers to economic involvement for newcomer women in Canada, publishing findings that will inform hiring practices for applicants across Ontario. She also co-authored a policy framework addressing racism in Canada's Seasonal Agricultural Worker Program, which is being submitted to Canada's Senate this year. Abby then headed to France as an emergency aid volunteer for refugees seeking asylum in the UK in informal settlements along the northern border. Afterwards, she



worked across East Africa, mainly in Ethiopia and Kenya. Abby spent the majority of her time researching with the Network of Ethiopian Women's Associations, seeking to address the needs of women post-conflict. This summer, Abby conducted research at the Migration Policy Institute's International Program based in Washington D.C., focusing on climate displacement in relation to labour/development and integration policies. Overall, her aspirations are rooted in reimagining protections for the most marginalized in the international asylum system. In her first year at Oxford, Abby will read for an MSc in Migration Studies at St. Antony's college.

Outstanding Achievement in Health - Pharmaceutical

- John Lewis – *Oncology*

Outstanding Achievement in Health - Research

- Xiao-Li (Lilly) Pang – *Laboratory Medicine and Pathology*

Outstanding Achievement in Social Innovation: Programs Promoting Indigenous People

- Greg Goss – *Biological Sciences*
- Makere Stewart-Harawira – *Education*

Recognition of Significant Achievement in Academia

- Thian Yew Gan – *Civil and Environmental Engineering*
-

American Academy of Nursing Fellow

The American Academy of Nursing Fellows are nursing leaders in education, management, practice and research.

- Bukola Salami – *Nursing/Public Health*
-

Banting Postdoctoral Fellowship

This fellowship is designed to attract and retain top-tier postdoctoral talent – both nationally and internationally – to develop their leadership potential and to position them for success as research leaders of tomorrow.

- Leonid Olifer – *Physics*

Canada's Sports Hall of Fame

Induction into Canada's Sports Hall of Fame is the highest level of sports recognition in Canada. Each year, a class of Canadians who have achieved the highest level of accomplishment in their sport and who have the purpose and passion to promote Canada's shared values beyond their sport successes are officially inducted.

- **Danielle Peers** – *Kinesiology, Sport, and Recreation*
-

Canadian Academy of Engineering Fellow

Election to the Canadian Academy of Engineering is one of the highest professional honours accorded to an engineer in recognition of distinguished achievements and career-long service to the engineering profession.

- **Zengtao Chen** – *Mechanical Engineering*
 - **Janet A.W. Elliott** – *Chemical and Materials Engineering*
 - **Osmar Zaiane** – *Computing Science*
-

Canadian Academy of Health Sciences Fellow

Canadian Academy of Health Sciences Fellows are recognized nationally and internationally for their contributions to the promotion of health science and have demonstrated leadership, creativity, distinctive competencies and background, and a commitment to advance academic health science.

- **Jason Acker** – *Laboratory Medicine and Pathology*
- **Aminu Bello** – *Medicine*
- **Carla Prado** – *Agricultural, Food and Nutritional Science*
- **Toshifumi Yokota** – *Medical Genetics*

D2L Innovation Award in Teaching and Learning

This award, sponsored by D2L (Desire2Learn), recognizes collaborative teams for their innovative approaches that promote student-centered teaching and learning.

- **Seth Beck** – *Chemical and Materials Engineering*
 - **Marnie Jamieson** – *Chemical and Materials Engineering*
 - **Janice Miller-Young** – *Mechanical Engineering*
-

Dorothy Killam Fellowship

Administered by the National Research Council, this fellowship is awarded to researchers whose superior, ground-breaking, best-in-class research stands to have significant impact on a national or global scale.

- **Temitope Oriola** – *Sociology*
 - **Kisha Supernant** – *Anthropology*
-

Esquao Award

Esquao Awards recognize the achievements and contributions of First Nations, Métis and Inuit women throughout Alberta and raise awareness about the challenges and obstacles they face.

- **Florence Glanfield** – *Vice-Provost (Indigenous Programming and Research)*
- **Evelyn Steinhauer** – *Education*

Frederic Newton Gisborne Starr Award

The Frederic Newton Gisborne Starr Award recognizes outstanding and inspiring lifetime achievement and is the highest award the Canadian Medical Association can bestow on one of its members.

- **Esther Tailfeathers** – *Family Medicine*
-

Fulbright Awards

The Canada-U.S. Fulbright Program operates on the principle of reciprocal exchange and provides the opportunity for outstanding Canadian scholars to lecture and/or conduct research in the United States.

- **Guanqun Chen** – *Agricultural, Food and Nutritional Science*
Fulbright Canada Traditional Scholar Award at University of Nebraska - Lincoln
 - **Sayed-Mojtaba Mahdavi-Ardekani** – *Political Science*
Fulbright Canada Traditional Scholar Award at Princeton
 - **Jorge Rosés Labrada** – *Linguistics*
Fulbright Canada Research Chair at University of California, Santa Barbara
-

Governor General's Innovation Award

The Governor General's Innovation Awards recognize and celebrate outstanding Canadian individuals, teams and organizations whose exceptional and transformative work help shape the future and positively impact our quality of life.

- **Joanna Harrington** – *Law*



Graduate Student Awards

BMO Financial Group Graduate Scholarship

Awarded annually to students registered in, or admitted to, a full-time PhD or thesis-based Master's program on the basis of superior academic achievement and demonstrated research ability or research potential.

- **An Bui** – *Psychiatry*
 - **Jéssica Chaves Carodso** – *Renewable Resources*
 - **Laura Woodman** – *Human Ecology*
-

Fulbright Canada Student Award

Fulbright Canada Student Awards are intended for Canadian citizens who are graduate students, prospective graduate students, or promising young professionals who wish to study and/or conduct research in the United States. Awards may be held at any university, research centre, think tank, or government agency in the United States.

- **Andrew Riesen** – *Mathematical and Statistical Sciences*
-

Pierre Elliott Trudeau Foundation Scholarship

Recipients are selected based on their academic excellence, leadership and engagement, willingness to engage with a plurality of perspectives, and their agility and resilience.

- **Holly Mathias** – *Public Health*

Holly Mathias

Pierre Elliott Trudeau Foundation Scholarship

Holly Mathias is a PhD student in the School of Public Health. She earned a BA (Honours) in Global Development Studies in 2016 from Queen's University, and a MA in Health Promotion and a Graduate Certificate in University Teaching and Learning in 2018 from Dalhousie University.

In 2021, Holly commenced her doctoral studies at the University of Alberta, embarking on a journey that embodies her commitment to engaged scholarship. Her research focuses on understanding the unique challenges experienced by family caregivers of people who use drugs in rural Canada. Holly's mission is to propose essential services and support systems for both caregivers and people who use drugs. Notably, her doctoral research is conducted in close collaboration with various community stakeholders, including Moms Stop the Harm and the Manitoba Harm Reduction Network. In addition, Holly is a trainee with the Inner City Health and Wellness Program where she has contributed to innovative health services and policy research to support the wellbeing of structurally vulnerable populations in Edmonton.

A testament to her commitment to the community and her unwavering dedication to the motto 'Service Above Self,' Holly is an active member of various organizations. She serves



as a member of the Women and Children's Health Research Institute (WCHRI) Trainee Advisory Committee, where she co-leads the undergraduate workshop program. Additionally, Holly is an engaged member of the Canadian Students for Sensible Drug Policy (CSSDP) Edmonton Chapter and actively contributes to the School of Public Health's Diversity, Inclusion, and Action Group (DIAG).

Holly's contributions have garnered substantial recognition. She is the recipient of the prestigious 2023 Pierre Elliott Trudeau Foundation Doctoral Scholarship, underscoring her dedication to advancing knowledge and fostering positive change. Holly's academic and community leadership has earned her further acclaim, including the Vanier Canada Graduate Scholarship, PaCET Training Award, AbSPORU Graduate Studentship, and her selection as a member of the inaugural CIHR-funded GROWW National Training cohort on women's health. Notably, she has been honoured as an international Gender in Research fellow by ZonMW, a prominent Dutch health research funding body.

Graduate Student Awards continued

Vanier Canada Graduate Scholarship

This program aims to attract and retain world-class doctoral students by supporting individuals who demonstrate both leadership skills and a high standard of scholarly achievement in graduate studies in social sciences and humanities, natural sciences and engineering, and health.

- **Mazzen Black** – *Biochemistry*
- **Hope Eze** – *English and Film Studies*
- **Jasmine Maghera** – *Pharmacology*
- **Katerina Melino** – *Nursing*

J. Gordin Kaplan Award for Excellence in Research

The University of Alberta's most prestigious research award is named for the university's first Vice-President (Research). It recognizes and honours faculty members for their research contributions and impact nationally and internationally.

- **David Wishart** – *Biological Sciences*

Martha Cook Piper Research Prize

This award recognizes two faculty members in the early stage of their careers who enjoy a reputation for original research and show outstanding promise as researchers.

- **Okan Bulut** – *Education*
- **Stephanie Green** – *Biological Sciences*

Order of Canada

The Order of Canada is the cornerstone of the Canadian Honours System. Presented by the Governor General of Canada, it recognizes outstanding achievement, dedication to the community, and service to the nation.

- **Sarah Carter, Member** – *History, Classics, and Religion and Native Studies*
 - **Timothy Caulfield, Member** – *Law*
 - **Kerry Courneya, Officer** – *Kinesiology, Sport, and Recreation*
 - **Walter Jule, Officer** – *Art & Design*
 - **Beverly Lemire, Member** – *History, Classics, and Religion*
-

Peter McCracken Physician Innovator in Education Award

The Canadian Geriatrics Society Peter McCracken Physician Innovator in Education Award recognizes a geriatric medicine or care of the elderly physician's accomplishment in innovative teaching, curriculum, recruitment or research.

- **Jasneet Parmar** – *Family Medicine*
-

Provost's Award for Early Achievement of Excellence in Undergraduate Teaching

This award recognizes teaching excellence by academic staff within five years of their first university appointment.

- **Filsan Ahmed Youssouf** – *Campus Saint-Jean*
- **Willow White** – *Augustana*

Royal Society Fellow (UK)

The Royal Society recognizes the most eminent scientists, engineers and technologists from the UK and the Commonwealth. Fellows are elected for life by their peers on the basis of excellence.

- **Graham Pearson** – *Earth and Atmospheric Sciences*
-

Royal Society of Canada College of New Scholars, Artists and Scientists

The College is Canada's first national system of multidisciplinary recognition for the emerging generation of Canadian intellectual leadership. Members are elected based on excellence and demonstrated impact in the early stages of their academic careers.

- **Lisa Hartling** – *Pediatrics*
 - **Ubaka Ogbogu** – *Law*
-

Royal Society of Canada Fellow

Fellows are distinguished researchers from all branches of learning who have made remarkable contributions in the arts, the humanities, and the sciences, as well as in Canadian public life. Fellowship in the Royal Society of Canada is one of the highest levels of recognition of artistic and intellectual accomplishment in Canada.

- **Tongwen Chen** – *Electrical and Computer Engineering*
- **Michael Gänzle** – *Agricultural, Food and Nutritional Science*
- **Lianne McTavish** – *Art & Design*
- **Gane Ka-Shu Wong** – *Biological Sciences*
- **Hongbo Zeng** – *Chemical and Materials Engineering*

Graham Pearson

Royal Society Fellow (UK)

Graham Pearson is a Canada Excellence Research Chair Laureate in Arctic Resources and Henry Marshall Tory Chair in the Department of Earth and Atmospheric Sciences at the University of Alberta.

After 15 years in the UK academic system, rising to professor of Geochemistry and Head of Department at Durham University (UK), Pearson came to the U of A in 2010 as one of three Canada Excellence Research Chairs awarded to the university that year.

He has built the largest geochemistry laboratory in Canada that applies its technology to understanding the deep earth as well as mineral exploration with a focus on “critical minerals” needed for the new green economy and diamonds. This research is set within a broader envelope of the evolution of the continents and their resource endowment, spanning from the earliest stages of earth history to the present day. In addition, he applies novel geochemical tools far outside the geosciences to topics as varied as molecular pharmacology, neuroscience, archaeology and ecology.

In 2014, Pearson discovered the first terrestrial occurrence of the mineral ringwoodite that provided clear evidence of lattice-bound water at 500 km in the earth – one of the biggest news stories of that year. In 2016, he established the NSERC CREATE funded Diamond Exploration and Research Training



School which integrates graduate-led student research with industry. He has generated over \$35M in research funding to build labs and train students.

Pearson and his research group have published over 380 papers in leading international journals and co-edited several books. He has supervised over 60 graduate students and almost 30 post-docs, many of whom find work in the mineral exploration industry or develop their own careers in academia. In addition to extensive committee service to learned societies, he has sat on the panels of numerous government funding bodies and external academic assessment boards.

Among the awards he has won are the Murchison Medal of the Geological Society, The Bunsen Medal of the European Unions of Geosciences, the Bowen Award of the American Geophysical Union and the Lindgren medal of the Society of Economic Geologists. Elected to the Royal Society of Canada in 2016, Professor Pearson was recently elected to the Royal Society (UK), one of only four such Fellows at the U of A and one of only a handful in its history.

Royal Society of Canada Kitty Newman Memorial Award

The Kitty Newman Memorial Award awarded by the Royal Society of Canada in recognition of outstanding contributions from an emerging scholar in the field of philosophy.

- **Ubaka Ogbogu** – *Law*
-

Sloan Research Fellowship

The international Sloan Research Fellowship stimulates fundamental research by early career scientists and scholars of outstanding promise in chemistry, computer science, Earth system science, economics, mathematics, neuroscience or physics.

- **Anastassia Voronova** – *Medical Genetics*
-

Support Staff Research Enhancement Award

This award is a joint initiative of NASA and the Vice-President (Research and Innovation) Office that recognizes support staff who consistently make a positive contribution to the research success of their Faculty/Department/Unit and the university by providing outstanding service, fostering innovation, creating a positive influence in the workplace, and demonstrating leadership.

- **Reza Popari** – *Chemistry*
- **Nicholas Wilson** – *Surgery*



Undergraduate Scholarships

Scholastic Distinction

The Scholastic Distinction Scholarship Program recognizes the top academic students from across Canada and around the world. These are among the most valuable and prestigious undergraduate scholarships awarded by the University of Alberta.

BMO Financial Group Entrance Citation

- Jialin Qiu – *Kinesiology, Sport, and Recreation*
- Shaina Soetaert – *Science*

Chancellor's Entrance Citation

- Megan Armstrong – *Business*
- Lauren Bayne – *Agricultural, Life & Environmental Sciences*
- Mariana Castillo Arce – *Augustana*
- Andrea Ferriss – *Science*
- Grace Glover – *Education*
- Cole Monnich – *Augustana*
- Sarah Scammell – *Arts*

President's Centenary Entrance Citation

- Sophia Young – *Engineering*

President's Entrance Citation

- **Belinda Che** – *Education*
 - **Jordan Coffey** – *Augustana*
 - **Tristan Dyck** – *Business*
 - **Calla Gross** – *Arts*
 - **Misha Hameed** – *Kinesiology, Sport, and Recreation*
 - **Taryn Rushinko** – *Agricultural, Life & Environmental Sciences*
 - **Prabhnoor Sidhu** – *Engineering*
 - **Efia Wiredu** – *Science*
-

Loran Scholar

The Loran Scholars Foundation provides scholarships to students who have the integrity and courage to make difficult decisions, the perseverance to work towards long-term goals, the curiosity to better understand the world around them and the drive to make positive change in their communities.

- **Burhanuddin Yamani** – *Engineering*
-

Royal Society of Canada Justice Rosalie Silberman Abella Prize

The Justice Rosalie Silberman Abella Prize awarded by the Royal Society of Canada is presented annually to a graduating law student in each of the law schools in Canada who is most likely to positively influence equity and social justice in Canada or globally upon graduation.

- **Casey Caines** – *Law*

Schulich Leader Scholarship

An annual scholarship for high school students enrolling in a STEM (Science, Technology, Engineering, or Mathematics) program in university, who have demonstrated academic excellence, outstanding community/business/entrepreneurial leadership and/or financial need.

- **Colin Fearing** – *Science*
 - **Ashbani Kaur** – *Science*
 - **Peter Menghesha** – *Engineering*
 - **Maxwell Nganyadi** – *Science*
 - **Sofia Sejutee** – *Engineering*
 - **Stephen Squires** – *Engineering*
-

TD Scholarship for Community Leadership

The TD Scholarship for Community Leadership recognizes students who have demonstrated an outstanding commitment to community leadership.

- **Sophia Young** – *Engineering*

University Cup

The University Cup is the highest honour this university can bestow on a member of its academic staff and is granted only to those individuals who have achieved sustained commitment in each of the areas of research and/or creative endeavours, teaching, and service to the University and the community at large. Thus, the recipient of the University Cup is an established academic whose leadership and scholarly work has merited broad attention, whose teaching and student supervision ability is widely recognized by colleagues and students alike as exceptional, and who has earned significant outstanding regard from the community which favours both the individual and the university.

- **Frank J. Tough** – *Native Studies*
-

University of Alberta Distinguished Professor

The title of University of Alberta Distinguished Professor recognizes exceptional faculty members who have achieved significant distinction and scholarship in each of the areas of teaching, research and/or creative endeavours, and service to the university and the community at large.

- **Greg Goss** – *Biological Sciences*
 - **David Olson** – *Obstetrics and Gynecology*
-

Vargo Teaching Chair

This award recognizes innovative, excellent teachers, who have shown leadership and mentorship of colleagues.

- **Fatima Mraiche** – *Pharmacology*

Frank J. Tough

University Cup

Frank Tough is the director of the Métis Archival Project (MAP) Research (MAP) Lab and Professor of Native Studies at the University of Alberta, and has a specialization in historical geography. The MAP Lab, largely supported by Métis governments, has been acquiring, digitizing and compiling archival records over two decades. It also serves to train undergraduate students in applied research.

Tough has specialized in the post-1870 historical geographies of Aboriginal peoples and has acquired an expertise in a variety of federal government records, several provincial archives, as well as the more conventional archival sources (Indian Affairs, missionaries and the Hudson's Bay Company). He published *As Their Natural Resources Fail: Native People and the Economic History of Northern Manitoba, 1870-1930* (UBC Press, 1997) which received two book awards.

Tough has published articles/chapters on the transfer of Rupertsland, Indian economic behavior, the demise of Native fisheries, Indian treaties, the Natural Resources Transfer Agreement, and Métis entitlements (scrip) which often disputes the conventional thinking of both lawyers and historians. Along with academic research, Tough has served as an expert



witness in several court cases concerning Aboriginal and treaty rights. In particular, expertise has been required on the economic history of the Métis. He has also engaged in archival research for the Ontario Native Affairs Secretariat, the federal Royal Commission on Aboriginal Peoples and the Treaty Commissioner Office of Saskatchewan.

Tough's interests and expertise concern three really unusual empirical/disciplinary pairings: (1) history and law, that is, the legal history of, for example, the infringement of Treaty harvesting rights; (2) history and geography, such as the historical geography of the fur trade; and (3) economics and history, as in the case of an economic history approach to the individualization of collective property rights. These themes are usually tinged with a little bit of political economy, but Tough's research is almost entirely based on archival sources; it is empirically oriented, and aimed at addressing specific problems pertaining to applied historical research.





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