



Olufemi Ayeni, Canada Research Chair in Joint Preservation Surgery, is an orthopaedic surgeon internationally renowned for advancing joint preservation care across the human lifespan. His research has resulted in the protection and prevention of joint injuries in adolescence, minimally invasive treatments that curb degenerative joint disease development in young adults, and novel treatments that delay or avoid the onset of osteoarthritis – the most prevalent cause of disability in older adults.

*Department of Surgery, Division of
Orthopaedic Surgery*

McMaster University

Royal Society of Canada | Class of 2025

RSC College





Myrle Ballard is an Anishinaabe Scientist from Lake St. Martin First Nation and a Canada Research Chair in Weaving Indigenous Science and Sustainability Science and Associate Professor at the University of Calgary. She was the founder and first Director of the Indigenous Science Division of Environment and Climate Change Canada. Dr. Ballard coined Three-Eyed Seeing, an important tool in management and decision making. Dr. Ballard's research uses Indigenous language as a tool to understand local ecosystems and monitor them through environmental changes, ensuring that Indigenous Science informs solutions to climate change.

Department of Earth, Energy and Environment
University of Calgary

Royal Society of Canada | Class of 2025

RSC College





Isabelle Boucoiran, obstetrician-gynecologist and clinician-researcher at CHU Sainte-Justine, specializes in infectious diseases during pregnancy. Her research has shown that reinfection with cytomegalovirus is as frequent as primary infection and poses a risk of mother-to-child transmission, underscoring the importance of prenatal screening to prevent infection in infants. Her work has influenced national and international clinical recommendations and contributed to major studies and structuring initiatives, confirming Dr. Boucoiran's status as a leader in the field of feto-maternal infectious diseases.

*Département d'obstétrique-gynécologie et
Département de médecine sociale et préventive*

Université de Montréal

Royal Society of Canada | Class of 2025

RSC College





Delphine Bouilly holds the Canada Research Chair in bionanoelectronics and is internationally recognized for her expertise on the interactions between molecules and nanomaterials in miniaturized electrical circuits. Principal investigator at the Institute for Research in Immunology and Cancer (IRIC), she leads an interdisciplinary laboratory focused on nanoelectronic sensors, to study biological molecules in unexplored spatial and temporal ranges and to develop biomedical sensor technologies.

Département de physique

Université de Montréal

Royal Society of Canada | Class of 2025

RSC College





Chad Bousman is an internationally recognized leader in research and implementation of pharmacogenetics to improve youth mental health. He has over 200 publications (h-index: 50, i10-index of 158), many of which have influenced healthcare policy, driven educational initiatives, and supported international treatment guidelines. His research aims to understand how genes affect a person's response to various medications and develop tools to personalize medication use in youth mental health care.

Department of Medical Genetics

University of Calgary

Royal Society of Canada | Class of 2025

RSC College





Dillon Browne is a Canada Research Chair in Child and Family Clinical Psychology and founder of the *FamilyPsyche*® laboratory at the University of Waterloo. He has published over 100 peer-reviewed studies examining how social determinants of health shape family dynamics and well-being. Additionally, as a clinician-scientist, he supports health and social service organizations design family-centered interventions and systems of care, especially for underserved groups.

Department of Psychology

University of Waterloo

Royal Society of Canada | Class of 2025

RSC College





Lindsay Cahill's research has led to novel insights into the impact of environmental pollutants on pregnancy and young children. Her innovative use of biomedical imaging to study placental and fetal metabolism and brain development is highly collaborative and has revealed key facets of disease. She is recognized as an emerging international leader for her work on microplastics, linking exposure to pregnancy outcomes such as fetal growth restriction.

Department of Chemistry

Memorial University of Newfoundland

Royal Society of Canada | Class of 2025

RSC College





Sean Carleton is an Associate Professor of History and Indigenous Studies at the University of Manitoba. As Canada's leading expert on residential school denialism, Dr. Carleton's interdisciplinary research examines Indigenous-settler relations and the Indian Residential School system in Canada. His work has been highly impactful both within and beyond academia, challenging audiences to understand and accept the truth about Canada's colonial past as a necessary part of reconciliation.

Departments of History and Indigenous Studies

University of Manitoba

Royal Society of Canada | Class of 2025

RSC College





Bantayehu Shiferaw Chanie is an adjunct and visiting professor at the Graduate School of Public and International Affairs and the Department of Criminology at the University of Ottawa. Before joining in February 2024, he was an assistant professor and PhD program coordinator at the Department of Political Science and International Studies, Bahir Dar University, Ethiopia. His research and teaching focus includes conflict, human rights, political transitions, ethnic politics, and democratic backsliding and diaspora politics in Canada.

*Graduate School of Public and International
Affairs and Department of Criminology*

University of Ottawa

Royal Society of Canada | Class of 2025

RSC College





Kora DeBeck's research addresses the toxic drug crisis, now the leading cause of unnatural death in British Columbia. In collaboration with people with lived expertise in substance use, she leads the At-Risk Youth Study, a first-of-its-kind longitudinal cohort that generates evidence to improve policy and practice. Through cross-sector scientific and community engagement, she advocates for evidence-based drug policy reform as a pathway to harm prevention and health promotion.

School of Public Policy

Simon Fraser University

Royal Society of Canada | Class of 2025

RSC College





David Décary-Hétu is an associate professor at the School of Criminology at the Université de Montréal, deputy director of the International Center for Comparative Criminology (CICC), and editor of the journal *Criminologie*. Prof. Décary-Hétu is internationally recognized for his modelling of the social organization of online criminal communities and the impact of police operations on them. He has identified alternative approaches—such as targeting crime facilitators and key individuals in criminal structures—that have reduced the harm caused by online criminal communities.

École de criminologie

Université de Montréal

Royal Society of Canada | Class of 2025

RSC College





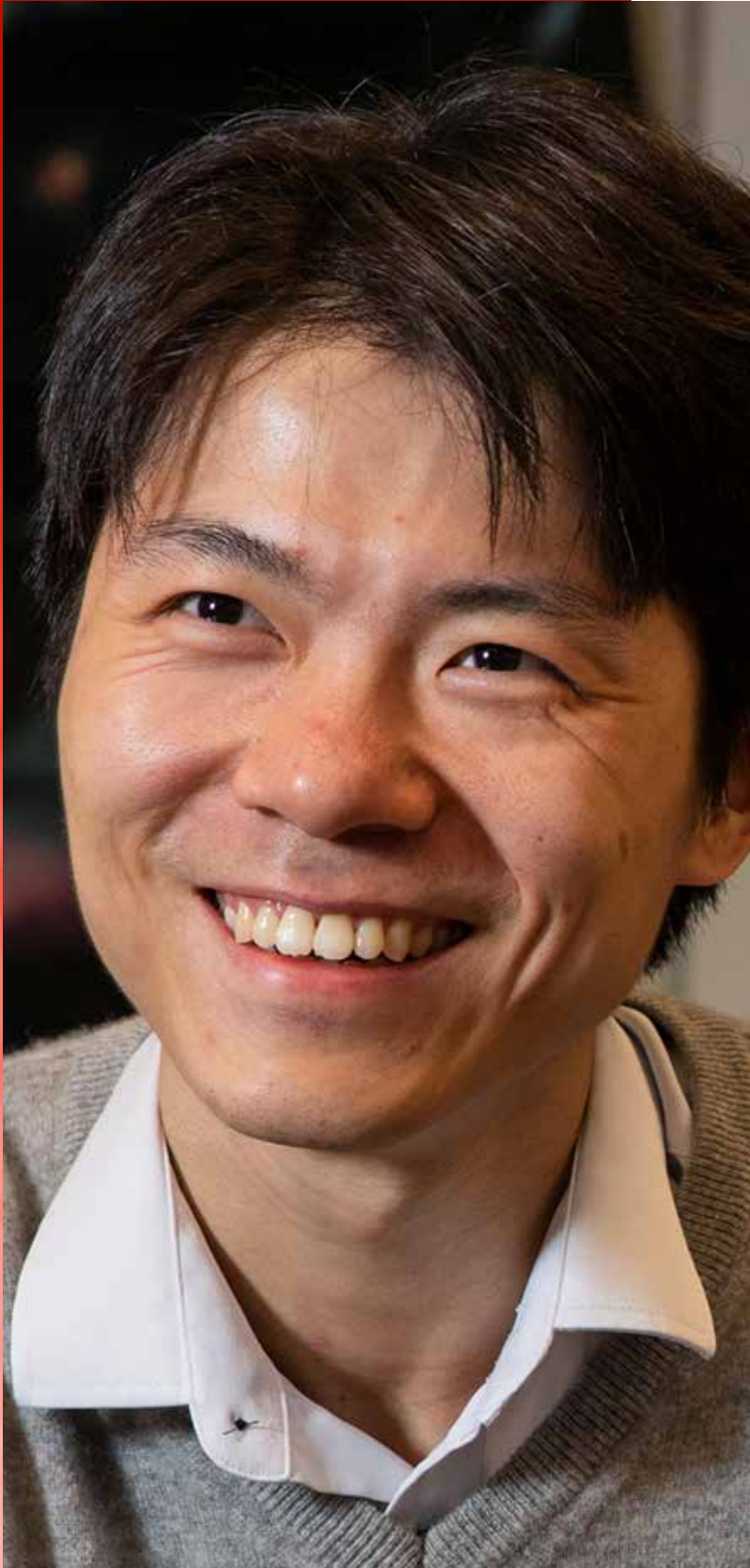
Frédéric Dejean is an Associate Professor in the Department of Religious Studies at the Université du Québec à Montréal (UQAM). Trained in geography, urban studies, and sociology, his research is rooted in multidisciplinary approaches and follows two main directions: evangelical dynamics in Quebec through an analysis of “urban churches” and “religious zoning” in metropolitan contexts. He has notably co-edited *Se faire une place dans la cité. La participation des groupes religieux à la vie urbaine* (PUM, 2022) and *Étudier les christianismes dans un contexte de postchrétienté* (PUL, 2025).

Département de sciences des religions
Université du Québec à Montréal

Royal Society of Canada | Class of 2025

RSC College





Ruobing Dong is one of the world's leading young astrophysicists in exoplanet science and has made fundamental contributions to our understanding of planetary origins. He explores how planets form around young stars by studying the signatures of planet formation in their birth cradles. By pioneering a blend of cutting-edge observations, numerical simulations, and machine learning, he uniquely bridges the theoretical and observational communities, significantly advancing the field of planet formation.

Department of Physics & Astronomy

University of Victoria

Royal Society of Canada | Class of 2025

RSC College





Allan Downey is Dakelh, Nak'azdli Whut'en, and a Canada Research Chair in Indigenous History, Nationhood, and Self-Determination. An Associate Professor in the Department of History and Indigenous Studies Department at McMaster University, Allan is the co-director of the award-winning films *Deskaheh* (2024) and *Rotinonshón:ni Ironworkers* (2020), as well as the author of *The Creator's Game* (UBC Press, 2018), which received the 2019 Canada Prize from the Canadian Federation for the Humanities and Social Sciences.

Department of History and Indigenous Studies

McMaster University

Royal Society of Canada | Class of 2025

RSC College





Encieh Erfani is a theoretical physicist and science policy advocate based at the Perimeter Institute, Waterloo. Her research focuses on early universe cosmology. A passionate defender of academic freedom and at-risk scholars, she co-founded the International Community of Iranian Academics (ICOIA) and was awarded the 2025 AAAS (American Association for the Advancement of Science) Scientific Freedom and Responsibility Award for her advocacy at the intersection of science, human rights, and diplomacy.

Theoretical Physics

Perimeter Institute

Royal Society of Canada | Class of 2025

RSC College





Jennifer Geddes-McAlister is an award-winning scholar and the Canada Research Chair in the Proteomics of Fungal Disease in One Health. Her internationally renowned research program targets antifungal resistance and drives novel antifungal development to improve global health and food security. Through her strong advocacy and capacity-building work, she has significantly advanced Canada's proteomics community while championing recognition and support for women in science worldwide.

Department Molecular and Cellular

University of Guelph

Royal Society of Canada | Class of 2025

RSC College





Stelios Georgiades, Director of McMaster University's Offord Centre for Child Studies, is a global leader in autism research. His innovative and award-winning cohort studies have advanced our understanding of autism symptoms and outcomes, resulting in the implementation of personalized approaches to autism services and supports. Benefiting thousands of Canadians living with autism, his leadership and evidence-based advocacy were instrumental in creating the Ontario Autism Program and the National Autism Strategy.

Department of Psychiatry & Behavioural Neurosciences

McMaster University

Royal Society of Canada | Class of 2025

RSC College





Elisabeth Gilmore, Associate Professor at Carleton University, is globally recognized for her interdisciplinary approach that bridges engineering and public policy to inform urgent, effective and equitable climate action. Her pathbreaking work highlights the critical importance of effective and inclusive institutions and participatory research to reduce climate vulnerability and enhance the feasibility of climate technologies. She was a lead author for the Intergovernmental Panel on Climate Change's Working Group II.

Department of Civil and Environmental Engineering

Carleton University

Royal Society of Canada | Class of 2025

RSC College





Tom Gleeson is a deeply interdisciplinary and collaborative scholar of groundwater science. He is committed to bridging the gaps between scientific research, resource management, and community engagement, with a focus on groundwater sustainability and environmental justice. He loves new ideas and experiences, food and yoga, and helping people and the planet.

Department of Civil Engineering

University of Victoria

Royal Society of Canada | Class of 2025

RSC College





Jinguang Hu's innovative approaches to biomass conversion and sustainable energy have established a significant new research field: sunlight-driven Biomass Photorefining with green hydrogen co-production. His studies on enzyme-assisted biomass processing and nanocellulose modification, along with pioneering work on biomass and bitumen co-processing, have advanced renewable fuel and material research globally. Professor Hu's ground-breaking work bridges academic innovation and industrial applications to address critical sustainability and environmental challenges worldwide.

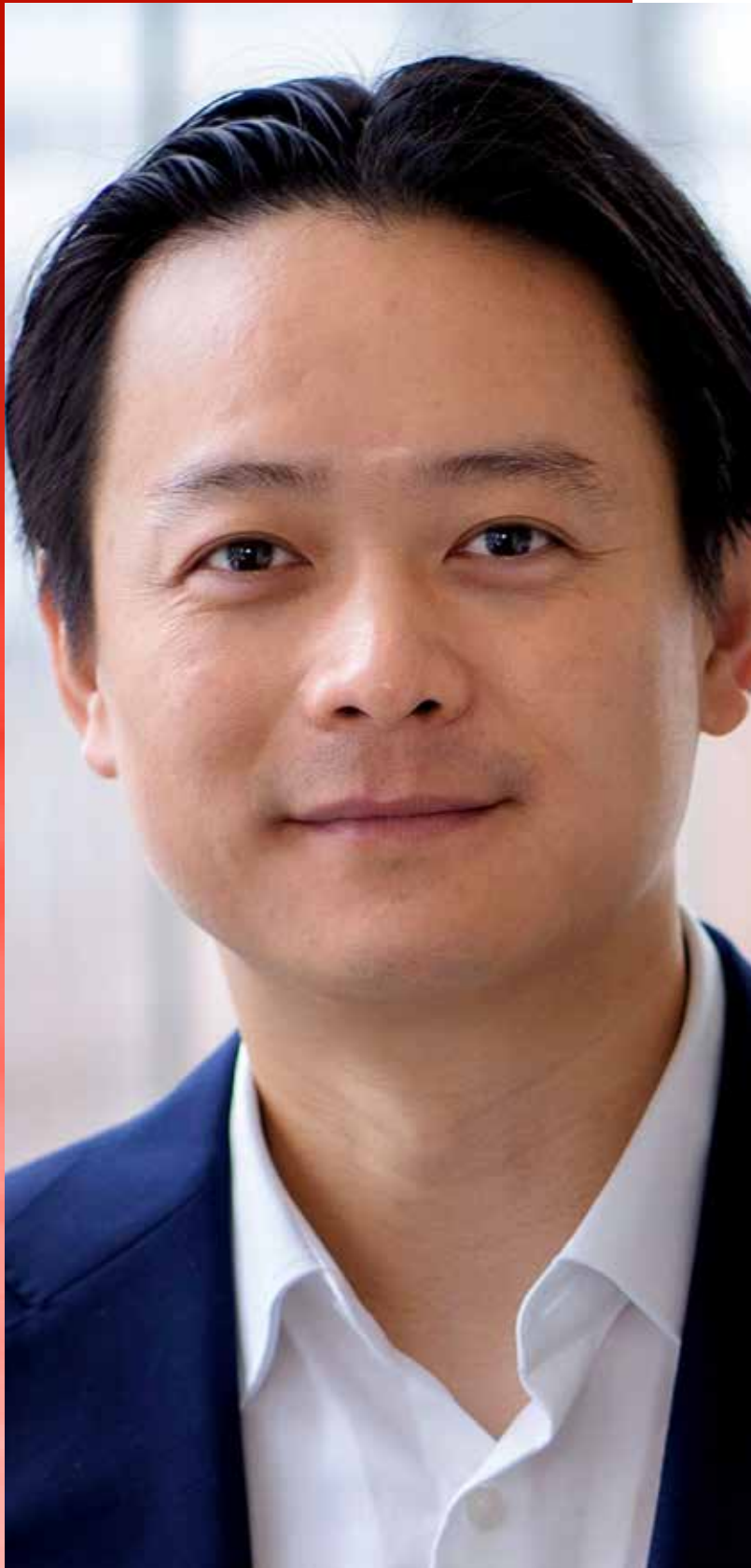
*Department of Chemical
and Petroleum Engineering*

University of Calgary

Royal Society of Canada | Class of 2025

RSC College





Xi Huang pioneers a new research domain by defining ion channel functions in cancer. While ion channels are drug targets in treating human diseases, their functions are largely unknown in cancer. Dr. Huang's seminal, systematic, interdisciplinary, and globally recognized research revealed how ion channels regulate brain tumour initiation, progression, metastasis, and response to therapy. He invented a first-in-class ion channel-targeting agent with near-term prospect to benefit brain cancer patients.

Developmental, Stem Cell & Cancer Biology Program
The Hospital for Sick Children

Royal Society of Canada | Class of 2025

RSC College





Alex Ketchum (she/her) is an Associate Professor at McGill University's Institute for Gender, Sexuality, and Feminist Studies (IGSF) and Director of the Just Feminist Tech and Scholarship Lab. Ketchum is the author of *Engage in Public Scholarship!: A Guidebook on Feminist and Accessible Communication*, *Ingredients for Revolution: A History of American Feminist Restaurants, Cafes, and Coffeehouses*, and the forthcoming *Digital Queers*, and *High Tech Gays: A History of LGBTQ+ Cyber Activism and How to Organize Inclusive Events and Conferences*. She is also co-editor of *Queers at the Table: An Illustrated Guide to Queer Food with Recipes*.

Institute for Gender, Sexuality, and Feminist Studies
McGill University

Royal Society of Canada | Class of 2025

RSC College





Miranda Kirby, Canada Research Chair in Quantitative Imaging, develops advanced CT and MRI tools and artificial intelligence approaches to study lung disease. Her internationally recognized innovations in medical imaging have improved understanding of how lung disease begins and progresses. She leads global efforts to standardize imaging measurements, helping translate cutting-edge imaging techniques into clinical care that improves outcomes for people with chronic lung conditions.

Department of Physics

Toronto Metropolitan University

Royal Society of Canada | Class of 2025

RSC College





Jude Kong, Canada Research Chair in Community-Oriented AI and Mathematical Modeling at the University of Toronto, pioneers equitable, mathematical and AI-driven solutions for global health crises. He founded and directs AI4PEP, ACADIC, AIMMLab, and REASURE2, advancing community-led innovation across the Global South and Canada. With 151+ publications and multiple awards, including the 2025 DLSPH's Excellence in Research, he shapes health policy, empowers underrepresented STEM scholars, and drives inclusive, Southern-led scientific collaboration.

Dalla Lana School of Public Health
University of Toronto

Royal Society of Canada | Class of 2025

RSC College





Diana Lewis is a member of Sipekne'katik First Nation and Associate Professor/ Canada Research Chair (Tier II), Indigenous Environmental Health Governance, Department of Geography, Environment & Geomatics at the University of Guelph. Dr. Lewis is Director of the IndigenERA Lab. Her research focuses on promoting the understanding of Indigenous worldviews and advocating for Indigenous-led approaches to give communities baseline health data, and sovereignty over the data in environmental decision-making.

Department of Geography, Environment & Geomatics

University of Guelph

Royal Society of Canada | Class of 2025

RSC College





Carmen Logie is a Canada Research Chair (Tier 2) in Global Health Equity and Social Justice with Marginalized Populations. She is a global leader in HIV research and advancing sexual health equity. Her original, highly interdisciplinary research program engages innovative approaches to knowledge creation and mobilization, informing policy and practice and generating positive impacts for marginalized populations in Canada and across diverse global contexts. With a prolific research funding and publication record, Dr. Logie has emerged as an internationally recognized expert in stigma and global health equity research.

Factor-Inwentash Faculty of Social Work

University of Toronto

Royal Society of Canada | Class of 2025

RSC College





Xiaonan Lu, a Tier-I Canada Research Chair in Food Safety, is an outstanding researcher with an exceptionally wide range of research contributions in food safety. He is engaged in pioneering research that integrates molecular microbiology, analytical chemistry, engineering, and mathematics, allowing him to be the forefront of helping to address the pressing need for new approaches to detect, monitor, control and understand the chemical and microbiological hazards in the food supply chain.

Department of Food Science and Agricultural Chemistry

McGill University

Royal Society of Canada | Class of 2025

RSC College





Matthew S. Macauley, Tier 2
Canada Research Chair in Chemical
Glycoimmunology and Raymond U.
Lemieux Chair of Carbohydrate Chemistry,
is an internationally recognized expert in
Applied Chemistry. His research program
seeks to understand the biological roles
of carbohydrates and how they control
immune cells, which has led him to important
insights into Alzheimer's disease and cancer.
Dr. Macauley's Lab innovative tools are
being extensively used by research groups
worldwide.

Department of Chemistry

University of Alberta

Royal Society of Canada | Class of 2025

RSC College





Finlay Maguire is an Assistant Professor at Dalhousie University and Pathogenomics Lead at Toronto's Shared Hospital Laboratory. A leading expert in genomic epidemiology and data science, he has significantly contributed to national and international responses to public health emergencies including SARS-CoV-2, avian influenza, and antimicrobial resistance. Through his research and leadership in multinational capacity-building, he translates genomic insights into real-world clinical decision-making and public health practice on a global scale.

*Departments of Computer Science and
Community Health & Epidemiology*

Dalhousie University

Royal Society of Canada | Class of 2025

RSC College





Sara Mahshid, a Canada Research Chair and internationally renowned pioneer in diagnostic technologies, has developed groundbreaking nano-biosensing devices that detect pathological states through innovative blood tests. Her work is powered by artificial intelligence and advanced nature-inspired disease-sensing nanomaterials. With several patents, numerous high-impact publications, and leadership roles in international collaborative networks, she is at the forefront of translating fundamental research into bedside applications for cancer diagnostics and therapeutics, as well as infectious diseases.

Department of Bioengineering

McGill University

Royal Society of Canada | Class of 2025

RSC College





Erin A. Maloney is a Canada Research Chair and Full Professor of Psychology at the University of Ottawa. Internationally recognized for her work on mathematical cognition, she connects research and practice to improve educational outcomes for children around the globe. Her contributions span curriculum development, public outreach, and award-winning scholarship. Legally blind, she advances accessibility and inclusion through innovative initiatives and her leadership in Women in Cognitive Science+ Canada.

School of Psychology

University of Ottawa

Royal Society of Canada | Class of 2025

RSC College





Marie-France Marin is a professor in the Department of Psychology at the Université du Québec à Montréal and a researcher at the Centre de recherche de l'Institut universitaire en santé mentale de Montréal. Canada Research Chair in Hormonal Modulation of Cognitive and Emotional Functions, her work documents the hormonal, cognitive, and environmental factors that contribute to a person's susceptibility to stress- and fear-related psychopathologies.

Département de psychologie

Université du Québec à Montréal

Royal Society of Canada | Class of 2025

RSC College





Florian Martin-Bariteau is one of Canada's leading experts on legal and ethical issues related to technology, with a particular interest in artificial intelligence, blockchain, quantum technologies and sciences, and cybersecurity. As the University of Ottawa Research Chair in Technology and Society at the University of Ottawa, his research addresses our society's growing dependence on digital innovations by establishing initiatives that prepare Canadians for the technological challenges of the 21st century.

Faculty of Law, Common Law Section

University of Ottawa

Royal Society of Canada | Class of 2025

RSC College





Courtney Mason is a leading Canadian scholar of land use management, parks and protected areas. His research program examines the integration of traditional ecological knowledge into conservation practices to foster reconciliation, promote environmental resiliency and sustainable development. His interdisciplinary and community-based research influences government policy and planning of conservation lands and resources; it is significant at grassroots levels for rural communities throughout Canada and is globally relevant.

*Departments of Natural Resource Science
and Tourism Management Departments*

Thompson Rivers University

Royal Society of Canada | Class of 2025

RSC College





Amanda Melin is a Canada Research Chair and Professor of Biological Anthropology. Her internationally recognized research focuses on primate dietary and sensory ecology. She integrates multidisciplinary lab and field-based approaches to understand the molecular basis of dietary adaptations and diseases, and to improve our knowledge of human health and evolution. She has published widely on these topics, trained dozens of STEM professionals, and is innovating new methods for in situ genomics.

Department of Anthropology and Archaeology

University of Calgary

Royal Society of Canada | Class of 2025

RSC College





Lisa Monchalin is a leading scholar in criminology, renowned for reshaping understandings of colonial impacts on Indigenous injustice and over-incarceration. Her seminal book, *The Colonial Problem*, influences education globally. Her research exposes systemic inequalities affecting Indigenous Peoples and drives efforts to reduce over-incarceration. Beyond academia, she has advised national organizations and speaks internationally, bridging scholarship and advocacy to champion meaningful reform in justice systems.

Department of Criminology

Kwantlen Polytechnic University

Royal Society of Canada | Class of 2025

RSC College





Heather Murphy, Canada Research Chair in One Health (Tier II), is a leading expert on waterborne diseases. She combines microbiology, engineering, risk assessment, and epidemiology to safeguard water supplies to prevent disease and improve human health. Dr. Murphy's research focuses on quantifying and reducing the burden of waterborne disease with a focus on vulnerable populations. Her work has led to development of tools and policies that save lives.

Department of Pathobiology

University of Guelph

Royal Society of Canada | Class of 2025

RSC College





Isla Myers-Smith is an international research leader who has made major impacts on Arctic ecosystem science and ecology. She is internationally known for her Arctic greening research, as the global expert on tundra vegetation responses to climate change, including the process of shrubification. Her research is impactful, interdisciplinary and inclusive and she works collaboratively to conduct research internationally and within the Canadian North.

Department of Forest and Conservation Sciences
The University of British Columbia

Royal Society of Canada | Class of 2025

RSC College





Northern Ontario-based environmental microbiologist **Nadia Mykytczuk** is an award-winning expert on bioleaching and mine remediation. Utilizing aspects of microbiology and biotechnology, she studies microbial communities in extreme or disturbed habitats, their adaptability to stressors, and how their abilities can be harnessed to extract value from mine wastes and improve our environment. Working across sectors and disciplines, she advances biotechnology to deliver sustainable mining practices, enabling our transition to global clean energy.

Goodman School of Mines

Laurentian University

Royal Society of Canada | Class of 2025

RSC College





Delphine Nakache is a lawyer and Full Professor in the Faculty of Law, French Common Law Section, at the University of Ottawa, where she holds a University Research Chair on Migrant Protection and International Law. Her research focuses on improving protection for the most precarious groups of refugees, temporary migrants and immigrants. Her work, published in English and French, bridges academic research and public policy.

Faculty of Law, Common Law Section

University of Ottawa

Royal Society of Canada | Class of 2025

RSC College





Sarah Olutola is a public writer, novelist, and academic. As an Associate Professor, her current research concerns African and African diasporic literature, critical race studies, and popular media culture. As a public intellectual, she has written for publications such as *The Walrus*, CBC, and *The Washington Post*. As a creative writer publishing under the pen name “Sarah Raughley,” she has published novels and short stories for readers worldwide.

Department of English

Lakehead University

Royal Society of Canada | Class of 2025

RSC College





Steven Rayan is a world-leading expert in algebraic geometry, mathematical physics, and quantum science. Having received his doctorate from the University of Oxford, Dr. Rayan is Full Professor of Mathematics at the University of Saskatchewan and Director of the Centre for Quantum Topology and Its Applications (quanTA). Featured in Scientific American and other high-profile venues, he uses mathematical perspectives to unlock the full potential of quantum computing and anticipate the next phase of this potentially transformative technology.

Department of Mathematics & Statistics

University of Saskatchewan

Royal Society of Canada | Class of 2025

RSC College





Jessica Riddell is a leading intellectual on the intersection between hope, the humanities, and higher education. She is one of Canada's most prolific public scholars on the role universities play in a civil, just society and regularly convenes conversations about how education shapes creative democracy. As an interdisciplinary researcher, she's engaged in knowledge creation in diverse fields from Shakespeare to transformative learning, inclusive high-impact practices to systems- and design thinking.

Department of English

Bishop's University

Royal Society of Canada | Class of 2025

RSC College





Hassan Rivaz's ground-breaking research in the field of AI-driven ultrasound imaging has allowed this modality to transcend its limitations. By developing explainable models and integrating multimodal learning, his research has made ultrasound substantially more capable in both diagnosis and interventions. His work has also made ultrasound easier to use and less subject to users' interpretations, so that it can be used in regions where expert clinicians are scarce.

Department of Electrical and Computer Engineering

Concordia University

Royal Society of Canada | Class of 2025

RSC College





Angela Roberts is a Canada Research Chair in Data Analytics and Digital Health in Cognitive Aging and Dementia. Her interdisciplinary research uses digital health technologies and artificial intelligence to examine behaviours in real-world contexts. Dr. Roberts is committed to community-engaged research and knowledge mobilization aimed at extending cognitive healthspan and improving the diagnosis and management of cognitive and communication changes in neurodegenerative conditions such as Alzheimer's and frontotemporal dementias, amyotrophic lateral sclerosis, and Parkinson's disease.

*Department of Computer Science and School
of Communication Sciences and Disorders*

Western University

Royal Society of Canada | Class of 2025

RSC College





Supriya Routh is the Canada Research Chair in Labour Law & Social Justice at the Peter A. Allard School of Law, the University of British Columbia. His interdisciplinary research agenda includes theoretical conceptualizations of the law of work, regulatory exclusion of informal workers in the Global South, deliberative lawmaking, and social justice and sustainable human development. Supriya's current research examines non-Eurocentric normative ideas on the relationship between livelihoods and sustainability.

Peter A. Allard School of Law

The University of British Columbia

Royal Society of Canada | Class of 2025

RSC College





Travis Salway works to improve the health and wellbeing of 2S/LGBTQ+ populations by addressing health disparities and leading inclusive solutions. He created MindMapBC, a tool for finding 2S/LGBTQ-affirming mental healthcare, and has contributed to guidelines for respectful and sensitive research with transgender and Two-Spirit people. Renowned for his advocacy, Salway played a key role in strengthening Canada's anti-conversion therapy legislation and continues to monitor policy effectiveness while educating the public on these critical issues.

Faculty of Health Sciences

Simon Fraser University

Royal Society of Canada | Class of 2025

RSC College





Bharati Sethi is a Canada Research Chair in Care Work, Ethnicity, Race and Aging at Trent University. She is renowned for her community-based arts-informed research projects that aim to promote the social, political, and economic inclusion of immigrants and refugees into Canadian society. Bharati has received prestigious academic and community awards in recognition of her pioneering work in fostering the resettlement of newcomers in small towns and rural regions.

Department of Political Studies

Trent University

Royal Society of Canada | Class of 2025

RSC College





Angelique Slade Shantz is an internationally recognized scholar whose research focuses on the role of business in addressing two of the most important questions society currently faces: 1) how to support economic growth such that all can live above a social foundation, and 2) how to do so without going beyond an ecological ceiling that exceeds planetary resources. Her research has been recognized with a Canada Research Chair in Social Entrepreneurship.

*Department of Strategy,
Entrepreneurship and Management*

University of Alberta

Royal Society of Canada | Class of 2025

RSC College





Tammara Soma is a food system scholar and practitioner who integrates considerations of food system sustainability, climate resilience, Indigenous food sovereignty, and equity into land use planning and policy. Dr. Soma is internationally known for her efforts to build the nascent field of food system planning, advance food loss and waste prevention policies, as well as her work on the societal implications of novel agricultural technologies.

School of Resource and Environmental Management
Simon Fraser University

Royal Society of Canada | Class of 2025

RSC College





Allyson Stevenson is an internationally recognized Métis historian of the Sixties Scoop, Métis communities, and Indigenous Women's political activism. Stevenson combines archival research, oral history, and decolonial approaches to generate critical perspectives on Indigenous peoples' engagement with the Canadian state. Her monograph *Intimate Integration: The Sixties Scoop and the Colonization of Indigenous Kinship* received the Canadian Historical Association's Clio Prize, Prairie Region and the 2022 Prose Award Finalist, Association of American Publishers in the North American History Category.

Department of Indigenous Studies
University of Saskatchewan

Royal Society of Canada | Class of 2025

RSC College





Lee-Hwa Tai is Full Professor in the Department of Immunology and Cell Biology of the *Université de Sherbrooke* and Director of Cancer Research in the *Centre de Recherche-CHUS*. Professor Tai spearheads transformative cancer immunology research, developing translational models for viro-immunotherapy and innovative cancer vaccines. Committed to meeting the challenges of treating refractory cancers, Professor Tai's advocacy initiatives drive patient-centric advances in cancer research, fostering hope for improved therapeutic outcomes.

Département d'immunologie et biologie cellulaire
Université de Sherbrooke

Royal Society of Canada | Class of 2025

RSC College





Karina Vernon is a Professor of English at the University of Toronto Scarborough. Her rigorous archival research and public intellectual work has made a groundbreaking contribution to Canadian literature by defining a new field of Black prairie writing. Her recovered archive transformed public understandings of the prairies, and is extensively taught and written about in national and international contexts. Vernon's publications redefined principles for engagement with Black communities, art, and archives.

Department of English

University of Toronto Scarborough

Royal Society of Canada | Class of 2025

RSC College





Stéfanie von Hlatky is the Canada Research Chair in Gender, Security and the Armed Forces, Full Professor, and Fellow with the Pierre Elliott Trudeau Foundation. Her research leadership on gender equality and defence has shaped policy innovation in the Canadian military and at NATO, bolstered by her Oxford University Press book *Deploying Feminism* (second edition in 2025) and her role as the Canadian representative on the NATO Civil Society Advisory Panel.

Department of Political Studies

Queen's University

Royal Society of Canada | Class of 2025

RSC College





Shannon Walsh is a filmmaker and writer whose work explores the affective and political stakes of social justice, grief, and global crises. Her films have screened globally, prompting dialogue across disciplines and communities. Author of *The Documentary Filmmaker's Intuition* (2024), she writes widely on inequality, gender and visual methods. Her work has been recognized with a Guggenheim Fellowship, a MacDowell residency, and the 2023 Governor General's Award in Visual and Media Arts.

Department of Theatre & Film

The University of British Columbia

Royal Society of Canada | Class of 2025

RSC College





Bo Wang is a pioneering researcher in artificial intelligence for biomedicine, developing generative and foundation models that drive breakthroughs in genomics, medical imaging, and clinical decision-making. He is a tenured Associate Professor at the University of Toronto, SVP at Xaira Therapeutics, and Chief AI Scientist at UHN. His work bridges cutting-edge machine learning and real-world healthcare, earning him honors such as the Gairdner ECR and a Canada Research Chair.

*Departments of Computer Science and
Laboratory Medicine & Pathobiology*

University of Toronto

Royal Society of Canada | Class of 2025

RSC College





Sheena Wilson is an internationally renowned scholar of Energy Humanities, a discipline that emerged from the Petrocultures Research Group she co-founded. Wilson's intersectional and interdisciplinary climate justice research exposes how the extractivist worldview that produces environmental devastation, also allows for the exploitation of gendered, classed and racialized peoples, ontologies and epistemologies. Wilson's diverse community-based collaborations inform her scholarship, policy advising and public intellectual work on epistemic justice and planetary health.

Faculté Saint-Jean

University of Alberta

Royal Society of Canada | Class of 2025

RSC College





Ma'n H. Zawati is an Associate Professor at McGill University and the Research Director of the Centre of Genomics and Policy. Internationally recognized for his scholarly contributions in the fields of data governance and professional liability, his cross-disciplinary research focuses on the ethico-legal implications of human genomics. Prof. Zawati's engagement with policymakers and international comparative research have influenced national and international norms and have directly impacted policies and legislation.

Department of Human Genetics

McGill University

Royal Society of Canada | Class of 2025

RSC College





Sohrab Zendehboudi is a globally recognized expert in energy sustainability and process systems engineering. A Full Professor and research lead at Memorial University, his research focuses on carbon management, hydrogen production, and advanced multiscale modeling and optimization. With over 300 publications and numerous awards, including 2025 CSCChE D.G Fisher Award and MUN's 2024 President's Award, his work addresses critical global challenges, advancing clean energy technologies, promoting net-zero carbon strategies, and fostering innovation in engineering.

Department of Process Engineering
Memorial University of Newfoundland

Royal Society of Canada | Class of 2025

RSC College

