

CANADA'S TOP RESEARCHERS CAN HELP PARLIAMENTARIANS BUILD A BETTER TOMORROW

Learn how smart ideas are helping realize a national commitment to reconciliation



Canada's leading thinkers are collaborating with First Nations, Inuit and Métis peoples to strengthen cross-cultural understanding, break down barriers and implement the recommendations of the Truth and Reconciliation Commission.

Humanities and social sciences researchers are asking bold questions as they work with Indigenous peoples on our toughest challenges.

We're looking to improve progress on reconciliation by:

- Promoting understanding and respect for First Nations, Métis and Inuit knowledge
- Preserving and restoring Indigenous languages
- Identifying how to end inequalities in health, education and employment
- Sharing knowledge and ideas for resource management
- Developing new ideas to address issues such as obesity, suicide and substance abuse
- Using arts and culture to stimulate reconciliation
- Learning how to make schooling more welcoming and supportive

SMART IDEAS FOR A BETTER TOMORROW

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AT WORK FOR CANADIANS

Jo-ann Archibald, Associate Dean for Indigenous Education at the University of British Columbia



Dr. Archibald, Q'um Q'um Xiiem, from the Sto:lo and Xaxli'p First Nations, has dedicated her 40-year career to creating culturally relevant, community-based teacher education and research in Aboriginal communities. Her visionary work has transformed learning for many Indigenous peoples through excellence in curriculum and scholarship.

Marie-Odile Junker, Professor in the School of Linguistics and Language Studies, Carleton University



Dr. Junker works with Aboriginal communities to uncover how information and communication technologies can help Aboriginal languages and communities thrive in the 21st century. She has developed websites for the East Cree and Innu languages, and an Algonquian Linguistic Atlas that includes online dictionaries for Cree, Innu, Atikamekw, Blackfoot, Ojibwe and Mitchif.

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Learn how smart ideas are helping Canadians express identity and solve contemporary challenges



Canada's leading thinkers on art and culture are developing new ways for Canadians to tell our stories, and bring us closer to each other and to the rest of the world.

Humanities and social sciences researchers are helping artists and the public address identity and contemporary topics in a variety of new ways.

We're helping Canadians explore and express identity by:

- Using artistic processes in research
- Relying on art and the creative process as a way of exploring identity
- Mentoring and developing Canadians' skills in writing, communication and design
- Embedding arts and culture in curricula to reach at-risk students
- Using new digital technologies to create interactive documentaries
- Exploring social problems through literature, theatre and film
- Using technology to expand the impact of artistic mediums such as dance and theatre

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AT WORK FOR CANADIANS

Aritha van Herk, Professor, Department of English, University of Calgary



Van Herk's work expresses and explores questions of Canadian and Albertan identity. Her book *Mavericks* is considered a definitive history of Alberta. She is an international cultural ambassador for Canada and scores of students benefit from her work as a driving force at the University of Calgary's internationally regarded creative writing program.

Miao Song, Affiliate Assistant Professor, Department of Engineering and Computer Science, Concordia University



Dr. Song brings an interdisciplinary approach to telling stories. She studied performance arts in China and computer science in Canada. She connects Chinese and Canadian artists and designers through joint productions that use interactive media. Her work appears at international festivals, and she partners with Chinese and Canadian film organizations, such as the National Film Board.

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Learn how smart ideas are helping new generations become remarkable citizens



Canada's leading thinkers are working to reinvent how to educate young people to better prepare them to play positive roles in communities, society and the economy.

Humanities and social sciences researchers are asking bold questions about the factors that improve citizenship, beyond academic achievement. Increasingly, experiential hands-on learning, such as co-ops and internships, is giving students opportunities to acquire workplace skills that build on their academic work. Technology is being incorporated into teaching in smart ways to allow for interactive, targeted and personalized learning.

We're looking to improve results for youth by:

- Encouraging critical thinking about our place in the world and in society
- Preparing students to be lifelong learners and problem-solvers
- Creating a broader menu of learning options, to suit all needs
- Reaching rural youth through distance and online learning
- Teaching history in ways that support Aboriginal reconciliation
- Finding the best ways to combat bullying

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AT WORK FOR CANADIANS

**Joel Westheimer, Professor in the Faculty of Education,
University of Ottawa**



One of Dr. Westheimer's core research questions is: What should our schools teach young people about being a citizen? Answering this question is helping researchers focus on how schools can achieve their core mission of teaching a curriculum while also shaping students as active citizens.

**Susanne Lajoie, Professor in the Department of
Educational and Counselling Psychology,
McGill University**



Dr. Lajoie designs and assesses new technologies that support learning and training to solve complex real-world problems. By studying how people learn and retain information, Lajoie and her team design innovative, intelligent, computer-based learning environments for high school math and science classrooms and for university medical schools.

CANADA'S TOP RESEARCHERS CAN HELP PARLIAMENTARIANS BUILD A BETTER TOMORROW

Learn how smart ideas are helping Canadians become more innovative and productive



Canada's leading thinkers are working to unlock better ways to spur innovation and productivity in Canada.

In a rapidly evolving global economy, with a growing service sector, Canadians need skills in arts, education and design alongside expertise in science and technology. Humanities and social sciences researchers are collaborating across disciplines and working with communities, businesses and governments to build Canada's innovation agenda. Canadians use this knowledge to drive inclusive growth and improve people's lives.

We're making Canada a more innovative country by:

- Exploring and testing new methods of organization, creation and production
- Understanding the challenges of adapting to and adopting new technologies
- Strengthening creative and problem-solving skills among entrepreneurs, workers and employers
- Exploring social, environmental, economic and health issues
- Expanding international collaboration to make Canada an innovation centre
- Transforming government practices in the digital era

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AT WORK FOR CANADIANS

Suzanne Stein, Associate Professor, Strategic Foresight and Innovation, OCAD University



Stein works in OCAD's Strategic Innovation Lab (sLab) on business strategy, on organizational change and on designing products and services that focus on user experience. She is a leader who helps decision-makers think creatively and systematically about the future. Strategic foresight is one of sLab's contributions to a multi-institution panel on urbanization in southern Ontario, from now to 2030.

Louis Raymond, Emeritus Professor, Research Institute for Small and Medium-Sized Enterprises, Université du Québec à Trois-Rivières



Dr. Raymond improves the business performance of small and medium-sized companies. His team has identified three important success factors: flexibility, reaction speed and innovation capacity. This work has produced a series of diagnostic tools, used by more than 800 companies, to help small and medium-sized businesses evaluate their competitiveness.



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CANADA'S TOP RESEARCHERS CAN HELP PARLIAMENTARIANS BUILD A BETTER TOMORROW

Learn how smart ideas are helping improve outcomes for newcomers to Canada



Canada's leading thinkers on citizenship and immigration are finding fresh ways to help new Canadians fulfill their potential in Canada.

Humanities and social sciences researchers are exploring how family-sponsored immigrants fare and how that compares to the results for economic immigrants. Researchers are also unpacking how experiences vary for refugees and immigrants across different demographic groups.

We're finding better approaches to support new citizens by studying:

- How to remove barriers to help refugees and immigrants become fully engaged in Canadian society
- How to help groups that might face targeting for their connections to troubled regions of the world
- Better ways to connect employers and immigrants with the skills they need
- The role of faith communities in integrating newcomers
- Early experiences of skilled immigrants under the new Express Entry system

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AT WORK FOR CANADIANS

Bessma Momani, Associate Professor, Department of Political Science, University of Waterloo



Dr. Momani's research examines the intersection between international economics, finance and global politics. She has a particular interest in working with Arab Canadian youth and exploring ways to help them pursue responsible citizenship to counter disempowerment. Her work challenges negative assumptions about the Middle East and focuses on positive changes among Arab youth.

Yoko Yoshida, Associate Professor, Department of Sociology and Social Anthropology, Dalhousie University



Dr. Yoshida is using applied social statistics to shed insight into socio-economic inequality, inequality in health, and the integration processes of immigrants. She is part of Pathways to Prosperity: Canada, an alliance of university, community and government partners dedicated to fostering welcoming communities and promoting the integration of immigrants and minorities across Canada.

CANADA'S TOP RESEARCHERS CAN HELP PARLIAMENTARIANS BUILD A BETTER TOMORROW

Learn how humanities and social sciences researchers are helping to build Canada



Canada's humanities and social sciences researchers deepen our understanding of modern social, cultural, technological, environmental, economic and health issues.

Through research, teaching and community engagement, scholars are helping explore profound questions about who we are as Canadians and what kind of future we want for ourselves and our country.

The Federation for the Humanities and Social Sciences is a national, member-based organization that represents Canada's professors, students and practitioners in the humanities and social sciences. We connect researchers to the media, the public and decision-makers. We bring scholars to Parliament Hill to share insights on topical issues through our *Big Thinking* lecture series. We also organize Canada's largest academic gathering every year, the Congress of the Humanities and Social Sciences.

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WHO WE ARE AND WHAT WE DO

Roughly 600,000 post-secondary students are enrolled in humanities and social sciences programs in Canada today. Employers are putting a premium on the skills that are acquired through humanities and social sciences learning—skills such as problem-solving, analytical thinking, communications and leadership.



Graduates work in a wide range of sectors, including education, law, finance, communications, media and the public service. Earnings for our graduates are comparable to those in many other disciplines.



Canada's humanities and social sciences research community comprises about 24,000 full-time university faculty teachers, 21,000 doctoral students and 46,000 master's students.



The research of these scholars is supported by the federal government's Social Sciences and Humanities Research Council (SSHRC) through competitive grants—as many as 12,500 applications are submitted for research funding each year. Many of these projects will make a substantial, direct contribution to improving public policy and legislative initiatives.



CANADA'S TOP RESEARCHERS CAN HELP PARLIAMENTARIANS BUILD A BETTER TOMORROW

Learn how smart ideas are helping Canada's health care system take better care of Canadians



Canada's leading thinkers are devising new approaches to health care funding and delivery so Canadians can live healthier lives.

Canadians routinely identify our publicly funded health care system as a core component of our national identity. But with costs climbing and fundamental debates unfolding over issues such as assisted dying, elder care and Indigenous health, Canada's health care system needs to adapt to 21st-century realities. We need solutions from across academic disciplines. Researchers are examining the impact that social factors such as education and housing have on health. Other focus areas include new funding models, the role of technology and the effects poverty and inequality have on health outcomes.

We're looking for ways to deliver 21st-century health care by:

- Preparing economic models to guide policy in areas such as home care
- Understanding the implications of an aging population for health care
- Reconciling competing visions of public and private funding models
- Working with Indigenous peoples to use traditional practices to improve health outcomes
- Examining the health and social implications of using medical marijuana
- Creating ethical frameworks to address assisted dying and palliative care
- Learning to integrate new technologies and Big Data into health care
- Sharing ways to reduce the impact of chronic disease
- Assessing the health care needs of new Canadians

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AT WORK FOR CANADIANS

Neena Chappell, Canada Research Chair in Social Gerontology (retired), Professor Emeritus in Sociology and the Institute on Aging and Lifelong Health, University of Victoria



Dr. Chappell produces groundbreaking research on caregiving for seniors, dementia care and healthy aging. She is internationally known for her work on home care, supporting the case for providing more efficient and appropriate health care for an aging society. Her work is at the forefront of examining the integration of informal and formal care systems for seniors. She is currently studying caregiver perceptions of the effectiveness of medications for Alzheimer's disease and other dementias.

Françoise Baylis, Professor and Canada Research Chair in Bioethics and Philosophy, Dalhousie University



Dr. Baylis is a philosopher whose innovative work in bioethics spans many topics, including women's health, and novel genetic and reproductive technologies. Her work challenges people to think broadly and deeply about the direction of health, science and biotechnology. Her current research focuses on pregnant women, assisted human reproduction and human gene editing. She contributes to national policy-making via government research contracts, membership on national committees and public education.

CANADA'S TOP RESEARCHERS CAN HELP PARLIAMENTARIANS BUILD A BETTER TOMORROW

Learn how smart ideas are helping Canadians mitigate and adapt to climate change



Canada's leading thinkers are working on political, economic and cultural approaches to helping Canadians tackle climate change.

Climate change is one of the most multifaceted challenges facing Canada. It requires solutions from across academic disciplines to address how we live, work, and consume, as well as how we understand ourselves and our relationships to each other and the world. Humanities and social sciences researchers are developing ways to help Canadians mitigate and adapt to the effects of climate change. Experts are working locally, nationally and internationally on approaches that will encourage a shift to an inclusive and low-carbon future in a changing global climate.

We're looking for ways to tackle the complexity of climate change by:

- Exploring ways to design the urban landscape to mitigate climate change
- Preparing economic models to help guide policymakers
- Resolving tensions between carbon tax and cap-and-trade approaches
- Working with Indigenous peoples to gain insights from traditional knowledge of the land
- Creating adaptive management approaches in Canadian agriculture
- Understanding the implications of climate change for our health care system
- Learning how to integrate new technologies into resource management systems
- Sharing knowledge and ideas to change behaviour at societal scales

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AT WORK FOR CANADIANS

Barry Smit, Professor Emeritus in the Department of Geography at the University of Guelph



Since the early 1980s, Dr. Smit has been a leader in analyzing what climate change means for diverse communities and economic sectors, such as the grape and wine industry in British Columbia and Ontario. He focuses on how people and socio-economic systems adapt and how resilience can be enhanced. He has applied his work across Canada and internationally, with initiatives in agriculture, water resources, human health, coastal zones, small island states and the Arctic.

Imre Szeman, Canada Research Chair in Cultural Studies and Professor of English and Film Studies at the University of Alberta



Dr. Szeman works alongside other scholars in the Petrocultures Research Group, analyzing the cultural politics of oil and the social implications for how we think about and use energy. Studying visual arts, documentaries and fiction, as well as public debates and discussions about ecological limits and sustainability, he generates research that could point the way to reshaping Canadians' relationship to fossil fuels and other energy sources.

CANADA'S TOP RESEARCHERS CAN HELP PARLIAMENTARIANS BUILD A BETTER TOMORROW

Learn how smart ideas are helping to build a more equitable society



Canada's leading thinkers are working on ways to make Canadian society more just, fair and equitable.

Humanities and social science researchers are tackling questions of social justice and inequality by exploring ways to reduce disparities. They are working to understand and address persistent challenges in Canada's society and economy, such as unemployment, child poverty and access to housing and education. Income inequality has increased over the last two decades, and some researchers make the case that large income gaps diminish economic growth if Canada is not leveraging the skills of all its citizens.

We're looking for ways to reduce inequality by:

- Focusing on children's well being to break the cycle of poverty
- Examining how discrimination, sexism and racism limit opportunity
- Addressing inequalities in health, education and employment for Indigenous peoples
- Learning how to integrate new Canadians into schools and jobs
- Building economic models to help make the case for affordable housing
- Assessing the impact of raising minimum wages

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AT WORK FOR CANADIANS

Patrick Turmel, Professor of Philosophy, Université Laval



Dr. Turmel's research addresses inequalities in our cities and democratic institutions. He explores the relationship between healthy public spaces and just societies. His most recent work examines how taxation and regulation can help achieve important public goals, such as social and economic efficiencies, political freedom and reduced income inequality.

Krishna Pendakur, Professor of Economics, Simon Fraser University



Understanding and documenting poverty, discrimination and inequality is the focus of Dr. Pendakur's work. He uses empirical research to document challenges faced by visible minorities, Indigenous people and the poor. His research puts these challenges in economic terms, to uncover how to help the disadvantaged through redistributing income.