

#	THEMATIC RESEARCH AREAS	EXAMPLES
1	<p>Our Understanding of Humanity and the Universe</p> <p>Scope: Scholarship in this area is guided by the innate need to understand ourselves and the world around us by tackling everything from the origins & meaning of life to consciousness & mathematical principles underlying physical reality.</p>	<p>Global Radio Astrophysics</p> <p>Subsurface Science & Exploration</p> <p>Mind, Brain, and the Human</p> <p>Origins of human diversity</p>
2	<p>Societies, the Environment, and Natural Resources</p> <p>Scope: Scholarship in this area focuses on understanding the dynamics of both natural and human-made changes in the environment.</p>	<p>Global Urban Biological Invasions</p> <p>Plastics</p> <p>Sustainable Energy & Cleantech</p>
3	<p>Healthy People, Healthy Communities, and a Healthy World</p> <p>Scope: Global trends like urbanization, income inequality, migration etc. require innovative solutions to complex challenges to population health and health equity.</p>	<p>Public Health and Cities</p> <p>Precision Medicine</p> <p>Mental Health for Youth and Students</p> <p>Community-Engaged Arts Research</p> <p>Creation as a Method for Social Wellness</p> <p>Aging Populations and Communities Healthcare Robotics</p>
4	<p>Language, Culture, Art, Values</p> <p>Scope: Language, culture, art, and values are not only the ways in which human beings express themselves or relate to each other – in a fundamental sense, they also define us as humans. This thematic area focuses on the fundamental cultural, historical, philosophical, linguistic, literary, and artistic dimensions of human experience to help us understand the diversity and complexity of our changing world.</p>	<p>Practices in commentary</p> <p>Culture and Values in Indigenous Communities</p> <p>Communicating in the Digital Era</p>

5	<p>Governance, Diversity, and Social Justice</p> <p>Scope: This thematic area focuses on governing for peace, prosperity, human wellbeing and social justice through an emphasis on effective governance and inclusive engagement.</p>	<p>Atlantic Study of Islam and Muslims</p> <p>Gender and the Economy</p> <p>Queer Youth Resilience</p> <p>Law, Ethics & the Digital Interface</p>
6	<p>Technologies for the Future</p> <p>Scope: This thematic area focuses on our conceptions of new and emerging technologies, the roles they play in our society and the ways in which societies utilize and allocate innovations.</p>	<p>Next Generation Power Semiconductor Devices and Integrated Circuits</p> <p>Materials Acceleration Platforms</p> <p>AI/Robotics/Computation for accelerated discovery</p> <p>Healthcare technologies</p> <p>Autonomous transportation and vehicles</p>
7	<p>Community and Livable Societies</p> <p>Scope: The focus of this theme is on livability, defined as the sum of the factors that add up to a community's quality of life.</p>	<p>Urban Water, Waste and Energy Solutions</p> <p>Scalable Architecture for Smart villages</p> <p>Urban Genome Project</p>

As stated in Appendix C of the Mitacs Inc. & University of Toronto *Globalink Research Award Contribution Agreement*, signed August 12, 2020. The above information is subject to change.

For more information about the University of Toronto's Institutional Strategic Research Plan's (2018-2023) seven interconnected thematic areas, [please refer to this link](#).