Research for a Brighter World
Strategic Plan for Research 2018-2023

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Nov 2018
McMaster’s Strategic Research Plan

Foundations
McMaster’s Mission and Vision Statement

*Our purpose is the discovery, communication and preservation of knowledge.*
*Our vision is to achieve international distinction for creativity, innovation and excellence.*

Consultation
University-wide
External stakeholders
Cornerstones

• Ethics, equity, and excellence
• Education and extending the boundaries of knowledge are inseparable
• Best practices and cutting-edge technologies
• Collaboration as an essential driver of innovation
• Partner with hospitals, governments, institutions, and businesses
• Share knowledge to shape policies and practices
Reinforcing our Strengths

Interdisciplinary Research
Fundamental Research

Indigenous Research and Inquiry
Materials and the Built Society
Human Health and Social Determinants
Sustainability for Global Prosperity
Building for the Future

Strategic Initiatives to Meet Complex Challenges

• Addressing the Growing Burden of Chronic Disease
• Advanced Materials and Manufacturing
• Aging Across the Life Span
• Data, Artificial Intelligence and the Digital Society
• Environment and Energy
• Equitable, Prosperous and Sustainable Societies
• Understanding and Responding to Infectious Disease
• Indigenous Knowledge and Research
Partnering for Success

Quality of Researchers
- Diversity
- Clusters
- Mentorship
- Seed funding

Major Research Applications
- Proposal selection
- Proposal development
- Seed funding

Major Research Platforms, Research Institutes & Centres
- Management and support
- Policies and guidelines
- Reporting structures
Partnering for Success

Knowledge Transfer and Commercialization
Outreach and Communication

• Equity and diversity in entrepreneurship
• Entrepreneur mentors
• Recognition
• Enhanced partnerships
  • Grad Studies, community engagement, other sectors, international

McMaster Innovation Park
Our Influence and Impact on Society