

Strategic Research Plan (SCHEMATIC DRAFT, FOR CONSULTATION)

2013-2018

Improving the Human Condition

Research Foundations:

Resources

- Research collaboration and solidarity
- Research Methodology: quantitative and qualitative approaches, community engaged
- Develop research infrastructure to support our research plan
- Innovative and adaptive thinking
- Inter-disciplinarity

Training:

- Facilitating better matching of researchers and graduate students via Faculties, ORUs and funding dollars
- Supporting graduate excellence in research via strong supervision and highlighting graduate research
- Recognizing and supporting post-doctoral fellows
- Creating meaningful research experiences for graduate students
- nimble/flexible graduate offerings
- Looking to the Osgoode's centres and institutes for leadership and innovation in research and innovation in research and the dissemination of research;
- Enriching faculty, graduate student and JD research endeavors through partnership and collaboration, both locally and internationally
- Strengthen the research-scholarship-teaching nexus in the Faculty of Education

Draft Strategic Research Plan Themes (listed alphabetically)

#1

Advancing Fundamental Discovery and Critical Knowledge

Research Areas:

- Access (to scholarship, education, space)
- Academic freedom
- critical analysis
- Creative problem-solving
- Curiosity driven research
- Access to knowledge / knowledge organization / knowledge infrastructure

#2

Building Healthy Lives and Communities

Research Areas:

- Positive Aging throughout the life course
- Mental Health promotion and care
- Physical Health
- eHealth and health informatics

- Chronic disease management/prevention
- Autism
- Disability studies
- Life science
- Neuroscience
- Muscle health
- Child and youth health
- Activity and exercise psychology
- Social determinants of health
- Health policy and system transformation
- Global health
- York Institute for Health Research
- York Center for Vision Research
- Centre for Research on Biomolecular Interactions
- LaMarsh Centre for Child and Youth Research
- Biotech
- Helping More People Live Healthier Longer
- Health Research
- Health and Disease Systems- This encompasses the study of life sciences from basic organisms
- Psychology e.g.: Psychology and the Law, Neuropsychology of Aging, Primatology
- Taking Action II: Fostering Aboriginal Leadership in HIV Prevention using arts-based methods

#3

Challenging/ Exploring the Frontiers of Science & Technology

Research Areas:

- Life Science
- Science and Society-This is an interdisciplinary area of research focused on the past, present and future of science and technology in society. It brings together faculty from FSE, LAPS, FES, Education, Osgoode, and Fine Arts
- Origins of the Universe -This focus area highlights the strong research programs in particle physics (studying the atom) to astrophysics (studying the universe) in the Faculty
- Foundations of Science-This area examines the basic laws and principles of nature in the field of mathematics and physics
- Material Sciences- The study of the physical, chemical and biological properties of organic and inorganic materials
- Probe Technological Innovation
- Predator-prey interactions in dynamic arctic environments
- Centre for Atmospheric Chemistry
- Centre for Research in Mass Spectrometry
- Centre for Research in Earth and Space Science
- ESPERANS- Energy, Space, People, Environment: Research Actions for a New Society
- Energy Frontiers: Smart Technologies for the Green Environment
- Connective Media and Social Interactions
- Technologies for Healthier Life
- Intelligent Public Safety and Security Services
- Digital Technologies
- Technology Futures
- Critical Technologies (STS)

#4

Forging a Just and Sustainable World

Research Areas:

- Planning for Social and Ecological Sustainability

- E.g., -Mobilizing new urban structures to increase the performance and effect of R&D in Universities and beyond
- Mobilizing sustainable energy research in the municipal, private and non-profit sectors
- Exurbia and its Impact on Environment and Politics in the Lake Simcoe Watershed
- Environmental and Social Justice:
 - E.g., -Building substantive transparency: Electoral process, oil revenue and democratic governance in the Niger Delta
 - Community-based environmental education & mobilization on marginalized urban communities for equitable watershed governance
- Sustainability for a Just Society
- Institute for Social Research
- Institute for Research and Innovation in Sustainability
- Environmental Management and Adaptation in a Changing Climate
 - E.g.,-Effects of experimental sulfate additions on nutrient cycling, cyanobacterial abundance and mercury methylation in Lake 227
 - Sharing research findings in the Canadian Arctic: Assessing the integration of Inuit knowledge in policy communications about Climate Change related food insecurity
- Social Change and Sustainability
- Understanding the Global Environment-Research in this area includes climate change, northern research, ecology, sustainable environment, and atmospheric science
- Improving the Environmental Condition, Understanding the Global Environment
- Globalization
- Public and International Affairs e.g.: Political science, Sociology, Economics, International Studies, History
- Canadian and International Affairs
- Consumer Culture/ Consumer Behaviour
- Investigate Migration, Diaspora, and Resettlement
- Values of emerging leaders
- Centre for Research on Latin America and the Caribbean
- Centre for Feminist Research
- Centre for Refugee Studies
- City Institute at York University
- Robarts Centre for Canadian Studies
- York Centre for Asian Research
- Harriet Tubman Institute for Research on Global Migrations of African Peoples
- Israel and Golda Koschitzky Centre for Jewish Studies
- Indigenous Aboriginal Engagement
- Canadian Centre for German and European Studies

#5

Integrating Entrepreneurial Innovation and the Public Good

Research Areas:

- Provide support for prioritized research themes and communicate intellectual strengths of the Faculty of Education:
 - Curriculum, Teaching and Learning
 - Education policy, leadership and teacher development
 - Social, philosophical, historical and theoretical studies in education
 - Community engagement and social innovation
- Centre of Excellence in Responsible Business- includes CSR, Ethics, Sustainability
- Canadian Business Ethics Research Network
- Entrepreneurship
- International Business
- Social Justice
- Protection & Advancement of Human Rights
- Broadening and deepening of Osgoode's research culture, including improving metrics such as the number of faculty research grants and the value of funds brought into the Law School for research;
- Excellence in Public Service

- Teaching the Canada of Tomorrow
- Critical Pedagogy in a Research Context
- Informed citizenship – articulated, promoted and defended by University leadership
- The Jack and Mae Nathanson Centre on Transnational Human Rights, Crime and Security
- Institute for Research on Learning Technologies
- Centre for Public Policy and Law
- Centre for Research on Work and Society
- Centre for Practical Ethics
- York Centre for International and Security Studies
- Scholarship of teaching and learning (including assessment)
- Intellectual communities and the public
- Interrogate Policy and Practice
- York Centre for Education and Community

#6

Mobilizing Culture and Creativity

Research Areas:

- Canadian Documentary Heritage
- Languages e.g.: French Studies, English Studies, Hispanic Studies, Linguistic, Translation, Interpretation, Bilingual education
- Explore Culture and Creativity
- Research driven by creative practice
- Digital scholarship
- Digital humanities
- Digital culture and technologies in education
- Transdisciplinary Arts
- Knowledge and the Public (STS)
- Centre for Research on Language Contact

Postscript (not really but some other divider)

Impacting/ Applying Knowledge:

- Social Media
- Social Innovation Enterprise
- Effective communication
- Responsive to community needs
- Entrepreneurship
- Critical public engagement
- Promoting and improving dissemination of research in both traditional and innovative ways.
- Scholarly communications
- Develop a Communications and Knowledge Mobilization (KMb) strategy
- Develop a strategy for capturing and mobilizing data on faculty research activities
- Extending the capacity for research dissemination through the library;
- translate research & teaching for non-academic