

BRN Workshop Series: Research Program Planning

February 3, 2023





Welcome

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Land Acknowledgement

PLANNING YOUR RESEARCH PROGRAM

FEBRUARY 3, 2023

PREPARED BY STEFANIE BERNAUDO AND ANASTASSIA POGOUTSE

OFFICE OF THE VICE-PRINCIPAL, RESEARCH



Land Acknowledgement

We wish to acknowledge this land on which the University of Toronto operates. For thousands of years it has been the traditional land of the Huron-Wendat, the Seneca, and the Mississaugas of the Credit. Today, this meeting place is still the home to many Indigenous people from across Turtle Island and we are grateful to have the opportunity to work on this land.

Types of Available Funding Opportunities

Government Funding

- Tri-Agency
 - CIHR
 - NSERC
 - SSHRC
 - NFRF
- Federal
 - CFI
- Provincial
 - Early Researcher Award
 - Ontario Genomics
- Municipal/Local
 - Metrolinx

Internal Funding

- UTM Funding
- MRPM

Non-profit Funding

- Cancer Research Society
- Connaught
- Kress Foundation
- Sloan Foundation

Private Sector Funding



research must primarily improve or have an **impact on health** and/or produce more effective **health services and products** and/or strengthen the Canadian health care system.



research must primarily be to advance knowledge in one or more of the **natural science or engineering** disciplines.



research must primarily be to add to our understanding and **knowledge of individuals, groups, and societies**

Tri Council Tips - General



IMPORTANCE OF TRI-
COUNCIL



WORK ON BUILDING
UP YOUR PEER
REVIEWED WORK



LEARN HOW TO
QUANTIFY AND
EXPLAIN IMPACT



START EARLY AND
HAVE APPLICATIONS
REVIEWED



Talent

Support for
students and
postdoctoral
researchers

UG → PDF
scholarships



Insight

SSHRC
CRSH

Canada 

Funding Opportunities

Develop



CIHR IRSC

Canadian Institutes of
Health Research

Instituts de recherche
en santé du Canada



Training



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Planning a Research Program

- If you are in a tenure-track position before tenure, find out what is needed for tenure
- Create a 5-year plan
- Figure out
 - What you need funding for
 - What grants can fund it
 - What grants are you eligible for
 - Do you have the necessary protocol approvals?
 - Do you need to recruit personnel?
 - Would you benefit from having collaborators?
- Consider applying for awards and/or seeking nominations

Year 1



**Office of the Vice-Principal,
Research**

Year 1

Planning a Research Program: Student Mentoring Resources

- To establish a collegial environment, I will:
 - Create a positive work and learning environment free from [discrimination](#) and [harassment](#).
 - Provide advice on professional development and both academic and non-academic career opportunities.
 - Be available to my student as the first point of contact for conflict resolution or during moments of transition.

- I will undertake the following academic mentoring activities:
 - Assist the student in navigating their program of study and the University community.
 - Assist the student where needed about the requirements for their degree, policies of the University (such as the [Policy on Ethical Conduct in Research](#) and [Code of Behaviour on Academic Matters](#)) and [School of Graduate Studies Intellectual Property Guidelines for Graduate Students and Supervisors](#) as well as resources and referrals to campus services.
 - Advise and approve, if appropriate, all aspects of the student's academic program including courses, comprehensive/qualifying/field examinations, language, seminars, internship/practicum, thesis proposal requirements, etc.
 - Help the student formulate an appropriate research project. Discuss the required knowledge and skills to undertake the desired research program, the expected time to completion as well as the level of independence that is expected.
 - Meet regularly to provide constructive input into the student's research project and provide an assessment of the student's progress.
 - Discuss issues of authorship and intellectual property early in the student's program referring to the [School of Graduate Studies Intellectual Property Guidelines for Graduate Students and Supervisors](#) at U of T and the [SGS Intellectual Property Awareness Form](#).

- I have discussed funding issues with my graduate student, including:





Grantsmanship- General

- Take instructions seriously
- Clarity and Organization
 - Edit down to “ONE”
- Don’t underestimate the value of a good summary and leading paragraphs
- Make the proposal a “joy to read”
- Put together a consistent & cohesive application (See resources)

CIHR Tips- Project Grant

Low success rates

Pilot data and team

Reasonable funding level

Address EDI and Training

Priority announcements

Don't resubmit the same proposal

NSERC Tips- Discovery Grant

- Project vs program
- Grant-in-aid
- LOI secures your evaluation committee
- Three equally weighted sections:
 - excellence of the researcher,
 - research proposal
 - training philosophy & EDI
- Use merit indicators
- Budget





Canada 

SSHRC Tips

- Curate your research trajectory
- Get to know SSHRC and its different streams and calls
- Get to know the criteria
 - Challenge
 - Feasibility
 - Capability
- All parts of the application matter



[Working in the Digital Economy](#)



[Global Health and Wellness for the 21st Century](#)



[The Emerging Asocial Society](#)



[Shifting Dynamic of Privilege and Marginalization](#)



[Building Better Lives Across the Gender Spectrum](#)



[Inhabiting Challenging Environments](#)



[Balancing Risks and Benefits in the Emerging Surveillance Society](#)



[Humanity+](#)



[The Evolving Bio-Age](#)



[Living Within Earth's Carrying Capacity](#)



[The Pervasive Contamination of the 'Natural'](#)



[Envisioning Governance Systems that Work](#)



[The Changing Nature of Security and Conflict](#)



[Truth Under Fire in a Post-Fact World](#)



[The Arts Transformed](#)



[Evolving Narratives of Histories and Cultures](#)



Challenge (40%)

SSHRC Tips - Insight Development Grant

- Most flexible SSHRC funding opportunity
- Supports short- or long-term projects in any subject under SSHRC's mandate
- Emerging and established scholars
- International co-applicants not allowed
- Evaluation: 40% Challenge / 20% Feasibility / 40% Capability
- Committee + external assessors



SSHRC Tips - Insight Development Grant

- Supports early stage research (for emerging and established scholars)
- May involve but is not limited to:
 - Case studies
 - Pilot initiatives
 - Critical analyses of existing research
 - International co-applicants allowed
- Evaluation: 50% Challenge / 20% Feasibility / 30% Capability
- Single-stage adjudication committee

Acronym List (identify page number first appearing to use after that throughout proposal)

Project Overview

Problems/challenges being addressed	Add description	Justification/rationalization: importance and gaps
Long-term objective(s)		
Short-term objectives	1	
	2	
	3	
	etc	
Predictions/hypotheses	1	
	2	
	3	
	etc	
Methodology	1	
	2	
	3	
	etc	
Impacts	<i>Short term impact from realizing objectives:</i> Objective 1: Objective 2: Objective 3: etc <i>Longer term</i> Broad impacts: End Users: HQP:	

Years

3

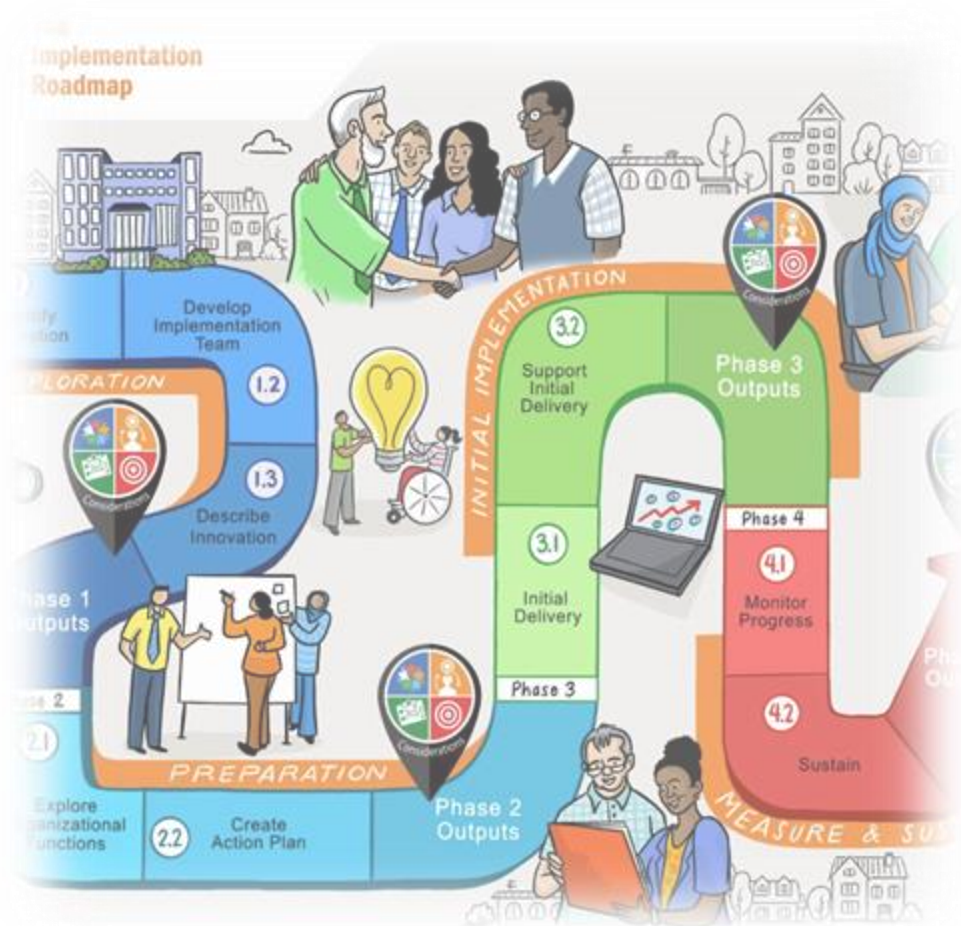
4

5

Partnerships and Collaborations

Key Components to Successful Partnerships:

- Identify suitable partners
- Overlapping goals
- Develop a KMb plan and invest in impact



Melanie Barwick:

[Knowledge Translation Planning Template](#)
[Knowledge Translation Appraisal Tool](#)

Partnerships and Collaborations



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2022-2023
PARTNERSHIP GRANTS

ALL DISCIPLINES | NATURAL SCIENCE & ENGINEERING | HEALTH | SOCIAL SCIENCE, ARTS & HUMANITIES

Partnerships and Collaborations



Raquel De Souza
**Strategic Research Initiatives and Partnership
Manager**



Steven Hermans (RSO)
SS&H Partnership Development Officer

SSHRC Partnership Development Grant Checklist

Sections	Requirements
Previous SSHRC Funding	(✓)
List of Potential Partner Organizations and Other Contributors (2 pages)	✓ (2 pages)
Summary	✓
Knowledge Mobilization Plan	✓ (2 pages)
Expected Outcomes Summary	✓
Goal and Project Description	✓ (5 pages)
Description of Formal Partnerships	✓ (4 pages)
Contributions Plan	✓
Participants Involvement	✓ (2 pages)
Training and Mentoring	✓
Research-Creation Support Material	(✓)
Budget	
Funds Requested from SSHRC	✓
Funds from Other Sources	(✓)
Budget Justification	✓ (2 pages)
Exclusion of Potential Reviewers	(✓)
List of References	✓ (max 10 pages)
Evidence of Formal Partnership	✓ (max 15 pages)
Invited Partners	
Partner Organization Form	✓
Letters of Engagement	✓
Participants	
Applicant/Project Director - SSHRC CV	✓
Co-applicants (academic) - SSHRC CV	✓
Co-applicants (non-academic) - Partial SSHRC CV	✓
Collaborators	Accept Invitation

Proposal Planning and Development Milestones and Timeline – SSHRC Partnership Grant

Stage/Element	Milestone	Activities	Participants	Suggested Timeline
Exploration & Initiation	Opportunity Overview & Assessment	<ul style="list-style-type: none"> Review funding opportunity Assess alignment of opportunity with planned partnership goals and objectives Overview Application Process and competition timelines 	Project Director (PD) Divisional Research Facilitator Jessica Lapp (JL) Partnership Development Officer Steven Hermans (SH)	Earliest opportunity; Spring/early Summer
	Project Initiation/ Launch meeting	<ul style="list-style-type: none"> Review funding opportunity and proposal requirements Discuss Goals and Objectives Discuss expected outcomes Develop Timeline and Deliverables Clarify application process 	Applicant Team with JL and SH support as needed	Spring/early summer

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