Investigator-Initiated Research

Project Grants

Fall 2019 Competition
• Registration deadline: August 14, 2019
• Application deadline: September 11, 2019
• Anticipated Notice of Decision: January 22, 2020
• Funding Start Date: April 1, 2020

Spring 2020 Competition
• Registration deadline: February 5, 2020
• Application deadline: March 4, 2020
• Anticipated Notice of Decision: July 8, 2020
• Funding Start Date: October 1, 2020
Investigator-Initiated Research

Foundation Grants

2018-2019 competition

- Applicants received their Notice of Decision on July 16, 2019
- 28 grants funded for a total investment of approx. $81M
- [Foundation Grant: 2018-2019 competition results](#)
- [Message from the President: Final decision on the Foundation Grant program](#)
- Transition Planning Options for Foundation Grant holders
CIHR Awards & Vanier-Banting Secretariat

Canada Graduate Scholarships

As a result of funds announced in Budget 2019, CIHR will be offering an additional 47 CGS doctoral research awards and an additional 139 CGS master’s awards to applicants that applied to the Fall 2018 competitions.

Canada Graduate Scholarships – Doctoral Awards

The CIHR Awards team has led the project to harmonize the CGS D program across the three federal granting agencies. On July 17th, the first competition of the harmonized CGS D Program was launched.

As a result of harmonization eligible Canadian institutions will receive CIHR quotas corresponding to the number of CGS D applications they may submit to each granting agency for consideration in the national competition.
### Priority-Driven Research

<table>
<thead>
<tr>
<th>Funding Opportunity</th>
<th>Registration deadline</th>
<th>Application deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Catalyst Grant: Understanding Disease Prevention and Risk Factor Modification</strong></td>
<td>2019-08-28</td>
<td>2019-09-24</td>
</tr>
<tr>
<td><strong>Fellowship: Banting Postdoctoral Fellowships Program (2019-2020)</strong></td>
<td></td>
<td>2019-09-18</td>
</tr>
<tr>
<td><strong>Operating Grant: CIHR Summer Institute on Equitable AI for Public Health</strong></td>
<td></td>
<td>2019-08-01</td>
</tr>
<tr>
<td><strong>Operating Grant: Data Analysis Using Existing Databases and Cohorts</strong></td>
<td></td>
<td>2019-09-05</td>
</tr>
<tr>
<td><strong>Operating Grant: Knowledge Synthesis Grant: Socio-Economic Burden of Inherited Disease</strong></td>
<td></td>
<td>2019-09-17</td>
</tr>
<tr>
<td><strong>Operating Grant: Methamphetamine and related psychostimulant use</strong></td>
<td>2019-08-30</td>
<td>2019-09-25</td>
</tr>
<tr>
<td><strong>Operating Grant: Network Environments for Indigenous Health Research (NEIHR)</strong></td>
<td></td>
<td>2019-09-04</td>
</tr>
<tr>
<td><strong>Operating Grant: SPOR Innovative Clinical Trial Multi-Year Grant</strong></td>
<td></td>
<td>2019-08-28</td>
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## Priority-Driven Research

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<tr>
<td><strong>Operating Grant: Terry Fox New Investigator Award</strong></td>
<td></td>
<td>2019-09-13</td>
</tr>
<tr>
<td><strong>Other: 2019 CIHR-ICRH/CAAIF/AZ Canada/AllerGen Emerging Researcher Awards in Allergic Asthma</strong></td>
<td></td>
<td>2019-08-16</td>
</tr>
<tr>
<td><strong>Other: Early Career Investigator Awards</strong></td>
<td></td>
<td>2019-09-25</td>
</tr>
<tr>
<td><strong>Other: Network Catalyst Grants</strong></td>
<td></td>
<td>2019-08-06</td>
</tr>
<tr>
<td><strong>Other: SGBA+ Health Policy-Research Partnerships</strong></td>
<td></td>
<td>2019-09-10</td>
</tr>
<tr>
<td><strong>Other: Standardization Platform on Age and Sex as Biological Variables</strong></td>
<td></td>
<td>2019-09-04</td>
</tr>
<tr>
<td><strong>Project Grant: Fall 2019 and Spring 2020</strong></td>
<td>2019-08-14</td>
<td>2019-09-11</td>
</tr>
</tbody>
</table>
## Priority-Driven Research

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<tr>
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<tr>
<td><strong>Team Grant: CCS/CIHR Cancer Survivorship Team Grants</strong></td>
<td></td>
<td>2019-09-10</td>
</tr>
<tr>
<td><strong>Team Grant: Canadian Microbiome Initiative 2: Research Teams</strong></td>
<td></td>
<td>2019-09-24</td>
</tr>
<tr>
<td><strong>Team Grant: Indigenous Component of Healthy Life Trajectories (I-HeLTI)</strong></td>
<td></td>
<td>2019-08-29</td>
</tr>
<tr>
<td><strong>Team Grant: Partnerships for Cannabis Policy Evaluation</strong></td>
<td></td>
<td>2019-09-10</td>
</tr>
<tr>
<td><strong>Team Grant: Pathways Implementation Research Teams – Component 3</strong></td>
<td></td>
<td>2019-09-10</td>
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<tr>
<td><strong>Team Grant: Sepsis Research Network</strong></td>
<td></td>
<td>2019-09-26</td>
</tr>
<tr>
<td><strong>Team Grant: UK-Canada Diabetes Research Team Grants</strong></td>
<td>2019-08-28</td>
<td>2019-09-25</td>
</tr>
</tbody>
</table>
**Priority-Driven Research**

<table>
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<tr>
<th>Funding Opportunity</th>
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<th>Term (year)</th>
<th>Total CIHR amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIHR Gold Leaf Prize for Discovery</td>
<td>201810GLD</td>
<td>15</td>
<td>1</td>
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<tr>
<td>CIHR Gold Leaf Prize for Outstanding Achievements - Early Career Investigator</td>
<td>201810GLE</td>
<td>42</td>
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<tr>
<td>CIHR Gold Leaf Prize for Impact</td>
<td>201810GLM</td>
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<tr>
<td>CIHR Gold Leaf Prize for Transformation: Patient Engagement</td>
<td>201810GLT</td>
<td>20</td>
<td>1</td>
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<tr>
<td>Operating Grant: CEEHRC (Epigenetics)</td>
<td>201904EPT</td>
<td>1</td>
<td>1</td>
<td>5</td>
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<tr>
<td>Master’s Award: Frederick Banting and Charles Best Canada Graduate Scholarships</td>
<td>201812GSM</td>
<td>395</td>
<td>395</td>
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<tr>
<td>Centres for HIV/AIDS, Hepatitis C and other STBBIs Research</td>
<td>201901HRE</td>
<td>6</td>
<td>1</td>
<td>6</td>
<td>$4,808,015</td>
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<tr>
<td>Centres for HIV/AIDS, Hepatitis C and other STBBIs Research- Indigenous populations</td>
<td>201901HR1</td>
<td>2</td>
<td>2</td>
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<td>$7,700,152</td>
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<tr>
<td>Team Grant: Mental Wellness in Public Safety Team Grants- LOI</td>
<td>201903MWL</td>
<td>34</td>
<td>16</td>
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<td>$461,000</td>
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<tr>
<td>Krescent / CIHR Fellowship</td>
<td>201902KRF</td>
<td>16</td>
<td>3</td>
<td>4</td>
<td>$142,000</td>
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<tr>
<td>Kresecent / CIHR New Investigators</td>
<td>201902KRI</td>
<td>5</td>
<td>3</td>
<td>4</td>
<td>$142,000</td>
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</tbody>
</table>

* Number of consortium applications received with a Canadian components
# Priority-Driven Research

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<tbody>
<tr>
<td>Project Grant</td>
<td>201903PJT</td>
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<td>Project Grant</td>
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<tr>
<td>Project Grant – PA: Human Development, Child and Youth Health</td>
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<tr>
<td>Project Grant – PA: Data science, management and stewardship</td>
<td>201903PJB</td>
<td>34</td>
<td>5</td>
<td>1</td>
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<tr>
<td>Project Grant – PA: Cannabis priority research areas</td>
<td>201903PJC</td>
<td>24</td>
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<tr>
<td>Project Grant – PA: Arthritis</td>
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<td>29</td>
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<tr>
<td>Project Grant – PA: MSK, Skin and Oral Health: Clinical Research – MSK Health</td>
<td>201903PJ5</td>
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<td>Project Grant – PA: MSK/Skin/Oral Health: Clinical Research – Skin Health</td>
<td>201903PJ6</td>
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<td>1</td>
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<td>Project Grant – PA: MSK/Skin/Oral Health: Clinical Research – Oral Health</td>
<td>201903PJ7</td>
<td>13</td>
<td>1</td>
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<tr>
<td>Project Grant – PA: Nutrition, Metabolism and Diabetes</td>
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<td>78</td>
<td>4</td>
<td>1</td>
<td>$400,000</td>
</tr>
</tbody>
</table>

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## Priority-Driven Research

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<tr>
<td>Team Grant: TiC- Stream 1 – PHSI solutions for transitions in care gaps</td>
<td>201901TC1</td>
<td>17</td>
<td>6</td>
<td>4</td>
<td>$4,472,352</td>
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<tr>
<td>Team Grant: TiC- Stream 2- eHIPP solutions for transitions in care gaps</td>
<td>201901TC2</td>
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<td>6</td>
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<tr>
<td>Operating Grant: Transitions in Care- Evaluation Grants</td>
<td>201902TEG</td>
<td>40</td>
<td>15</td>
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<td>$2,948,297</td>
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<tr>
<td>Operating Grant: TiC- Evaluation Grants- On-Campus Post-Secondary Mental Health Services</td>
<td>201902TG1</td>
<td>4</td>
<td>1</td>
<td>2</td>
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<tr>
<td>Foundation Grant</td>
<td>201809FDN</td>
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<tr>
<td>Banting Postdoctoral Fellowship Program</td>
<td>201809BPF</td>
<td>602</td>
<td>77</td>
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<td>$10,780,000</td>
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</tbody>
</table>
3

Review Quality Assurance: CIHR Standards of Practice for Peer Review / Assurance de la qualité des évaluations: Les normes de pratique pour l’examen par les pairs des IRSC

provided by / par
Allison Jackson
Overview

To provide an overview of the Review Quality Assurance (RQA) process

Present the proposed RQA Supportive approach and revised RQA Assessment Tool

Introduce the CIHR Standards of Practice for Peer Review agreement
The vision of the College is to establish a performance management strategy, using the RQA process, to ensure the highest standards of review quality as well as to recognize Reviewer contributions.
Past RQA Pilots

Project Competition Chairs and Scientific Officers completed a RQA reviewer survey tool post-competition
- Flag reviewers to not re-invite

When the Chair or SO indicated an RQA issue:
- CIHR Project staff assessed feedback on participation and responsiveness
- College staff assessed the reviewer’s reviews against the Review Quality criteria

Process Outcomes
- Some cases resulted in identifying RQA issues
- Some cases CIHR staff did not find any issues with RQA
- Ever growing list of Do-Not Invite Reviewers
RQA Pilot Project (PJT) Results and Considerations

- Close to 21% of reviewers are either classified as Do-Not-Invite or unsure
- Varying levels of reviewer performance need support
- RQA to move away from Do-Not-Invite as being an immediate consequence
- Reviewers should be given a chance to improve through supportive interventions
- Intervene with only those that are extreme cases
RQA New Supportive Approach

≥ 2/3 low quality reviews and/or Major Participation/Responsiveness issues

- Reviewer directly made aware of issues
- Supportive strategies (monitoring, learning modules)
- May not be re-invited back to competition

> 1/3 but < 2/3 low quality reviews and/or Repeated Minor Participation/Responsiveness issues

- Extreme cases will be clearly defined and handled on a case by case basis
- Supportive strategies (monitoring, learning modules)

≤ 1/3 low quality reviews and/or Minor Participation/Responsiveness issues

- Issues compiled and communicated broadly to all reviewers as an information/awareness support document

*All cases are tracked and monitored over time*
New RQA Reviewer Survey tool

- Removes the question about Re-invitation
- Identifies reviewers who Need Support and those who are Outstanding
- Breaks down each of the RQA categories into defined behaviours
- Allows users to recommend reviewers who could perform the role of Chair, SO, or Mentor
RQA – Standards of Practice for Peer Review

- Reviewers are made aware of the expectations in terms of peer review responsibilities and reviewer performance
- Promotes transparency and review quality excellence
- Centralize all peer review responsibilities currently referenced in existing resources (i.e. Website, Peer Review Manual etc.)
- Allows Reviewers to have the option to agree to the RQA process and their performance evaluation
- Expectations set in the Standards of Practice allow CIHR to evaluate reviewers
RQA – Proposed Standards of Practice process

• Reviewers currently consent to a Conflict of Interest (COI) Agreement on ResearchNet

• The Standards of Practice text will be added to the existing Conflict of Interest functionality

• Reviewers will now have to agree to the CIHR Standards of Practice for Peer Review, which includes COI

As per the previous COI process, Reviewers who do not consent to the Standards of Practice will not review for CIHR
RQA Data From Project Competitions

% of Unique Reviewers Flagged for One or More Review Quality Issue by Chairs and Scientific Officers

- Spring 2018: 4.9% (54/1094)
- Fall 2018: 3.2% (32/985)
- Spring 2019: 6.2% (59/951)
Reviewer Quality and Participation Indicators

“Review Quality” Indicators Flagged by Chairs and Scientific Officers

- ROBUSTNESS: 46
- APPROPRIATENESS: 24
- UTILITY: 25

Total # of Unique Reviewers Flagged for at least one Participation indicator: 79
% of Unique Reviewers Flagged for at least one Participation Indicator: 8.3%

“Participation” Indicators Flagged by Chairs and Scientific Officers

- "Lack of Professionalism": 41
- "Difficult to Chair": 21
- "Major Presentation Weaknesses": 30
- "Low Participation Level": 42

Discoveries for life
"Responsiveness" Indicators Flagged by CIHR Staff

- "Required follow-up to submit scores and reviews prior to meeting"
- "Reviews were submitted very late (or not submitted at all)"
- "Reviews were flagged and edited for inappropriate wording"
- "Other" issues related to responsiveness

<table>
<thead>
<tr>
<th># of Unique Reviewers Flagged for At Least One Responsiveness Indicator</th>
<th>% of Unique Reviewers Flagged for At Least One Responsiveness Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>58</td>
<td>6.1%</td>
</tr>
</tbody>
</table>
"Outstanding" Indicators Flagged By Chair and Scientific Officers

- "Reviewers went over and above expectations"
- "Actively participated in discussions in a constructive way"
- "Agreed to take on additional tasks"

<table>
<thead>
<tr>
<th># of Unique Reviewers Flagged for At Least One Outstanding Indicator</th>
<th>% of Unique Reviewers Flagged for at least one Outstanding Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>463*</td>
<td>48.7%</td>
</tr>
</tbody>
</table>

*385 College Members
“Future Potential” Indicators Flagged By Chairs and Scientific Officers

- "Demonstrates potential as future Chair" (124)
- "Demonstrates potential as future Scientific Officer" (98)
- "Demonstrates potential as future Peer Reviewer Mentor" (131)

# of Unique Reviewers Flagged for at least one "Future Potential" indicator: 187
% of Unique Reviewers Flagged for at least one "Future Potential" Indicator: 19.7%
Reviewers with Multiple Flags By RQA Category

- RQ + Participation: 33
- RQ + Responsiveness: 7
- Participation and Responsiveness: 12
- RQ + Participation + Responsiveness: 11

CIHR IRSC

Discoveries for life
Thank you!
Clicking on the name will bring you to the Row
Name will change colors when data is populated
Research Data Management Policy
/ Politique de la gestion des données de recherche

provided by / par
Amanda Crupi
Research Data Management (RDM): the collection, storage, preservation and, where appropriate, access to data produced from a given investigation.

Benefits of RDM

• Supports research excellence
• Encourages research dissemination
• Elevates the impact of research findings
• Supports global research collaboration
Data – A CIHR Priority

CIHR Strategic Plan

*Health Research Roadmap II*
Commitment to embrace the data revolution

*Health Research and Health-Related Data Framework*

- *Tri-Agency Open Access Policy on Publications*
- *Tri-Agency Statement of Principles on Digital Data*
- *Draft Tri-Agency Research Data Management Policy*
Draft Tri-Agency RDM Policy

An incremental, phased-in approach to:

**Institutions**
Research institutions administering tri-agency funds will be required to create an institutional research data management strategy.

**Data Management Plans**
For certain funding opportunities, the agencies will require DMPs to be submitted to the appropriate agency at time of application.

**Data Deposit**
Grant recipients will be required to deposit into a digital repository all research data, metadata and code that support journal publications that arise from agency-supported research.
RDM Policy Development Timeline

Regional Stakeholder Engagement
2017-18

Online Public Engagement Launch
June 5/18

Analysis of Feedback Complete

Development of Implementation Strategy
Summer/Fall 2019

Revision and validation of policy
Summer 2019

GC Approval
November 2019

Policy Launch
Launch in 2019/2020
Phased-in Implementation beginning in 2021
<table>
<thead>
<tr>
<th>Theme 1: Policy objectives, scope, and implementation</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Scope of data deposit requirement</td>
</tr>
<tr>
<td>• International research collaborations</td>
</tr>
<tr>
<td>• Scholarship and Fellowship holders</td>
</tr>
<tr>
<td>• Definition of “data”</td>
</tr>
<tr>
<td>• Implementation Timeline</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Theme 2: RDM in Indigenous Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Importance of acknowledging a need for ensuring Indigenous ownership and control of data</td>
</tr>
<tr>
<td>• Importance of reflecting accepted principles of Indigenous RDM in order to support Indigenous ownership and co-creation of research</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Theme 3: Institutional strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Concerns about costs and capacity</td>
</tr>
<tr>
<td>• Varying needs of large vs small institutions</td>
</tr>
<tr>
<td>• Particular considerations for colleges, cégeps and polytechnics</td>
</tr>
</tbody>
</table>
Theme 4: Data Management Plans
- Concerns about time, skills, and capacity
- Strength and clarity of language
- Administration and review of DMPs

Theme 5: Data Deposit
- Capacity challenges
- Ethical, legal, commercial, and cultural considerations
- Status of acceptable data repositories

Theme 6: Monitoring and Compliance
- Questions around planned monitoring and compliance strategy
- Concerns about costs and capacity
Indigenous Engagement and Considerations

Engagement
• Over the past couple of years the Tri-Agencies have engaged a number of Indigenous organizations and leaders in dialogue related to the proposed policy requirements.

Revisions to the policy
• The revised draft policy stresses the importance of recognizing and abiding by RDM principles and protocols of distinct First Nations, Métis and Inuit communities, notably in the preamble and under each of the policy requirements.

Path forward
• Active re-engagement with organizations and individuals; and validation of policy revisions.
• As part of a broader strategy for Indigenous research and research training, the agencies will continue to engage Indigenous communities and leaders as we seek to support the development of Indigenous RDM protocols.
Supporting Policy Implementation

Existing tools and supports

- CIHR Research Data Management [Learning Module](#)
- CARL-Portage [DMP Tool](#)
- CARL-Portage Institutional Strategy Template

Ongoing & planned tools and supports

- Webinars and information sessions
- Data management plan pilots
- College of Reviewers training
For more information about the Tri-Agency Research Data Management Policy:

Amanda.Crupi@cihr-irsc.gc.ca (A/Manager, KT Strategies)
Jeremy.Geelen@cihr-irsc.gc.ca (Senior Advisor, KT Strategies)