



CIHR IRSC

Canadian Institutes of Health Research
Instituts de recherche en santé du Canada

University of Alberta

November 17, 2016

Discoveries for life / Découvertes pour la vie



Canadian Institutes of Health Research
Instituts de recherche en santé du Canada

Canada

AGENDA



CIHR's budget



Awards Programs



CIHR Updates



College of Reviewers



Foundation
Grant Competition



CIHR Contact Centre



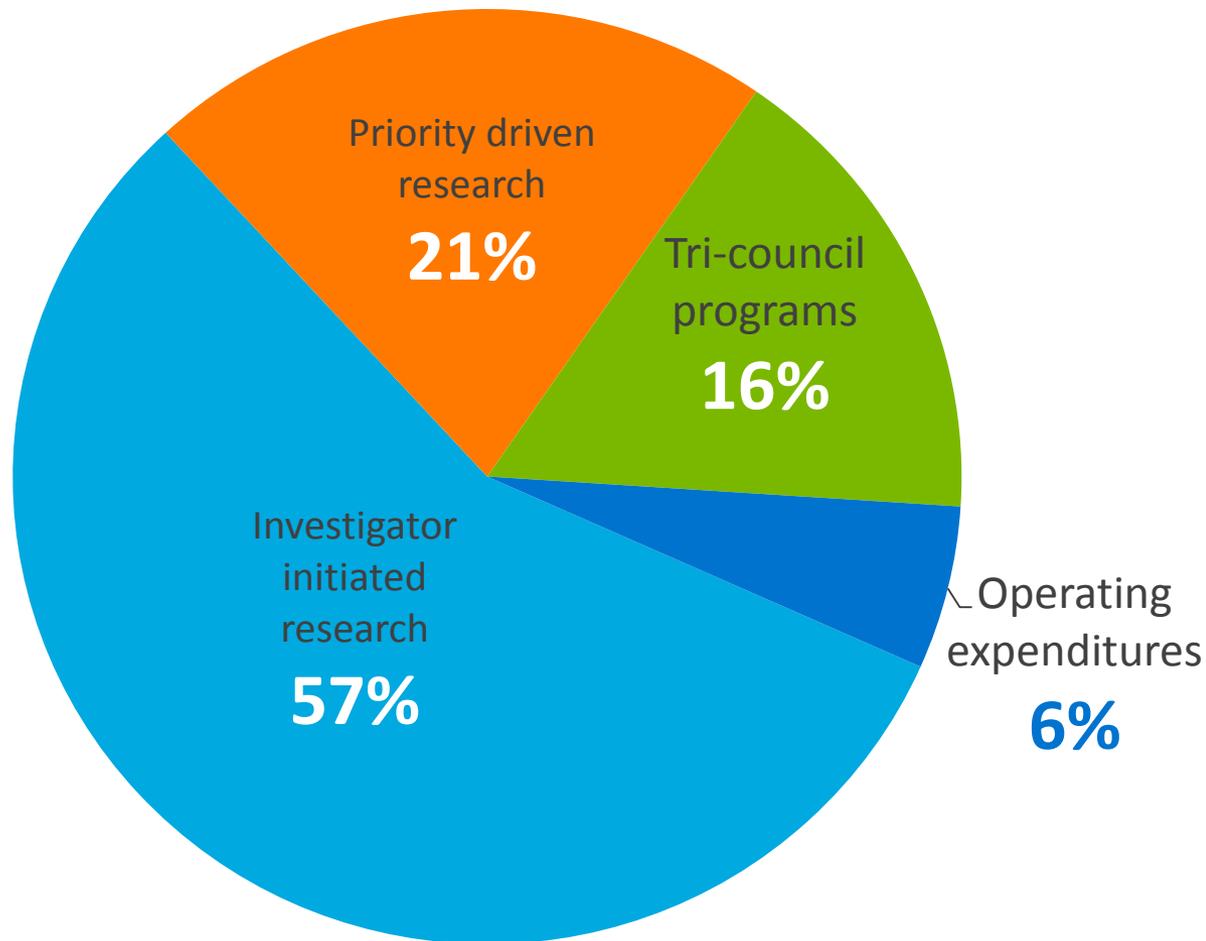
Project Grant
Competition



CIHR'S BUDGET



CIHR's Budget at a Glance



105

Institutions receiving
funds from CIHR

\$1B

To support
health researchers
and trainees
across Canada

13K

Researchers and
trainees supported



CIHR UPDATES

Major Updates Since November 2015

- **2015-2016 Second Foundation Grant competition** is now completed and will support 120 research programs for a total of \$292M over the next 7 years.
- **2016-2017 Foundation Grant competition** is well underway with an anticipated Stage 1 Notice of Decision in February 2017.
- **2016 first Project Grant competition** is now completed and will support 491 research grants, with an additional 127 bridge grants, for a total of \$375,579,347 over five years.
- **Fall 2016 Project Grant competition** is well underway with an anticipated Notice of Decision in May 2017.
- **A Peer Review Working Group** was established under the leadership of Dr. Paul Kubes. A list of recommendations was developed to strengthen the peer review process for the Project Grant competition.
- **Appointments of the College of Reviewers Chairs** began on July 1, 2016 and the inaugural meeting was in October 2016.
- **The International Peer Review Panel** was launched in September 2016.



Foundation Grant Competition

2015 CIHR Foundation Grant Recipient
Dr. Lonnie Zwaigenbaum, University of Alberta

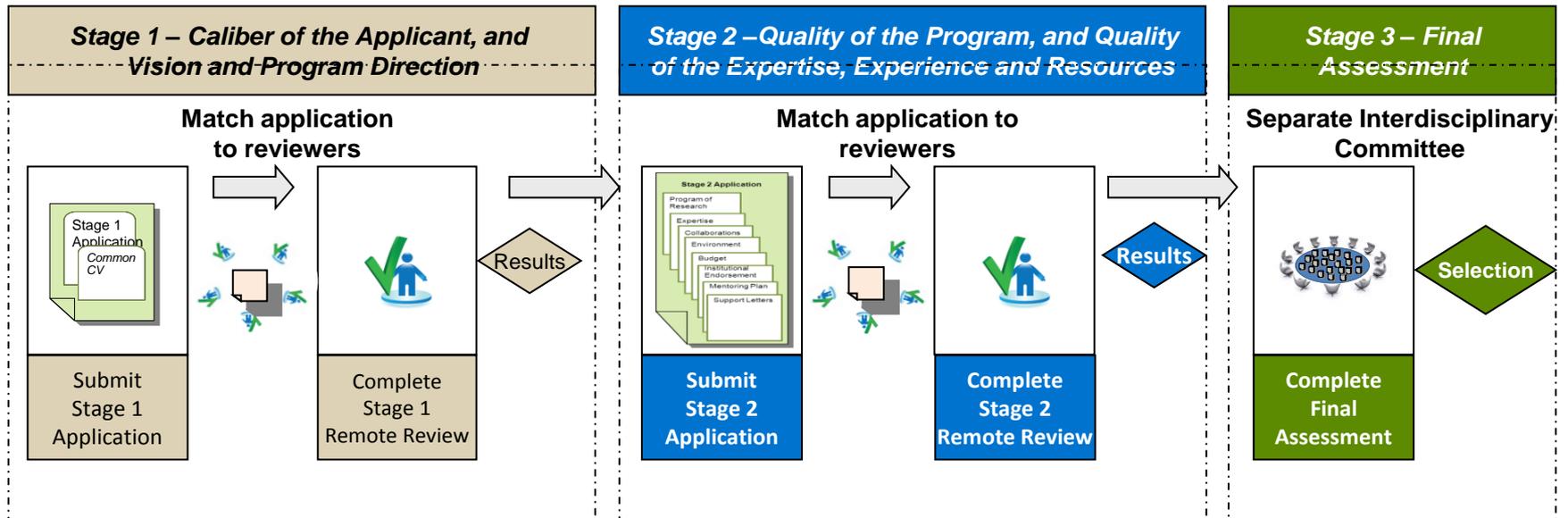
Foundation Grant Overview

- The Foundation Grant supports a cadre of **elite** health researchers and contributes to a sustainable health research foundation.
- This is an opportunity for top Canadian scientists to focus on what they do best – **innovate, create and advance science.**
- This program is about funding on the promise of **innovative vision** for the future based on an outstanding track record

The Foundation Grant competition includes a separate stream for **new/early career investigators**

2016-2017 Foundation Grant Competition Review Process

The Foundation Grant is a multi-stage competition with 2 distinct applications and 3 review stages.



Caliber of the Applicant (75%)

- Leadership (25%)
- Significance of Contributions (25%)
- Productivity (25%)

Vision and Program Direction (25%)

Quality of the Program (50%)

- Research Concept (25%)
- Research Approach (25%)

Quality of the Expertise, Experience and Resources (50%)

- Expertise (20%)
- Mentorship and Training (20%)
- Quality of Support Environment (10%)

Budget

The committee is responsible for integrating the result of the Stage 2 reviews, with a focus on assessing applications that fall into the “grey zone” (i.e., applications that are close to the funding cut-off, and which demonstrate a high degree of variance in individual reviewer rankings).

2015-2016 Foundation Grant Competition



Stage 1

- **Stage 1 Applicants**
 - 911 applications submitted
- **Stage 1 Review**
 - 433 reviewers



Stage 2

- **Stage 2 Applicants**
 - 260 applications submitted
- **Stage 2 Review**
 - 173 reviewers



Stage 3

- **Final Assessment Committee meeting** was held on June 13th and 14th, 2016.
- **Stage 3 Applicants**
 - 96 applications discussed
- **Stage 3 Review**
 - 16 virtual chairs, 1 Chair, and 1 Scientific Officer

120 Foundation Grants awarded

2016-2017 Foundation Grant Competition



Stage 1

- **Stage 1 Applicants**
 - 600 applications submitted
- **Stage 1 Review**
 - 311 reviewers



Stage 2

- **Stage 2 Applicants**
 - TBD
- **Stage 2 Review**
 - TBD



Stage 3

- **Final assessment stage review**
 - June-July 2017

Anticipated Notice of Decision:
August 3rd, 2017

2016-2017 Foundation Grant Competition: Gender Equity in the Peer Review Process



Overall, women do very well in CIHR grant competitions; however, gender inequities have been identified.



We have already taken action to implement solutions, which includes the implementation of mandatory training for all CIHR reviewers on both unconscious bias and gender bias.



We are monitoring the 2016-2017 Foundation Grant competition results and, if necessary, we will ensure that a proportionate number of male and female applications move forward to stage 2.

Timeline for the 2016-2017 Foundation Grant Competition

Key Dates

Registration Deadline	September 13, 2016
Application Deadline – Stage 1	October 13, 2016
Anticipated Notice of Decision – Stage 1	February 2, 2017
Application Deadline – Stage 2	March 14, 2017
Anticipated Notice of Decision – Final Assessment Stage	August 3, 2017
Funding Start Date	July 1, 2017



Project Grant
Competition

Project Grant Overview

- The Project Grant competitions are about funding **ideas** with the greatest potential for important advances in health.
- Project Grant competitions are meant to ensure that there are **opportunities** for applicants from all disciplines to bring forward proposals from all areas of health research or knowledge translation.
- The focus is on **creativity**, originality and potential Impact.

Budget 2016 has provided CIHR with an additional \$30 million per year.

This new investment from Budget 2016 will be entirely dedicated to the ongoing and future Project Grant competitions with a focus on early career investigators.

Implementation of Recommendations – PRWG

Application for the Project Grant Competition



Applicants may submit a **maximum of two applications** in the role of **Nominated Principal Applicant (NPA)** per competition.



Applications are completed in a **10 page “free-form”** format (including figures and tables). Applicants can attach **additional unlimited supporting material** (references and letters of support).



Applications are assessed based on **“significance and impact of the research”** (25% of final score), **“approaches and methods”** (50% of the final score), and **“expertise, experience and resources”** (25% of final score).



The Common CV (CCV) for the Project Grant application includes **publications from the past seven years** and applicants can upload a PDF to supplement the CCV information if they have taken leaves of absence in the past seven years.



A **one-page rebuttal** is included in the revised structure to give the applicant the opportunity to explain how the application was improved since the previous submission.

Implementation of Recommendations – PRWG

Stage 1 Review for the Project Grant Competition



Competition Chairs are paired with **Scientific Officers** to collaboratively manage a cluster of applications and assist CIHR with ensuring that **high quality reviewers** are assigned to all applications.



Reviewer assignments are approved by the **Competition Chairs** and **Scientific Officers**. In addition, Competition Chairs and Scientific Officers have the ability to remove or add reviewers once the reviewers have completed the new Conflict of Interest/Ability to Review (CAR) assessment for a group of applications.



Applicants can make **recommendations** regarding what **types of expertise** are required to review their applications.



Each application is assigned to **four (4)** reviewers at Stage 1.



Applicants can now be **reviewers at Stage 1** of the competition. However, they cannot participate in the cluster of applications containing their own applications.



The **asynchronous online discussion** was eliminated from the competition process.



CIHR has reverted to a **numeric scoring system** (0 - 100) to aid in ranking of applications for the Project Grant competition.

Implementation of Recommendations – PRWG

Stage 2 Review for the Project Grant Competition



Approximately 40% of applications reviewed at Stage 1 will move on to Stage 2 for a **face-to-face review** in Ottawa.



Stage 1 reviewers' comments for applications that do not move on to Stage 2 will be reviewed by Competition Chairs and Scientific Officers to ensure appropriate review.



In order to increase accountability, **reviewer names** will accompany their reviews to the final assessment stage.



Applications moving to Stage 2 will be **reviewed by two of the original four reviewers** from Stage 1 during face-to-face meetings. They will be expected to present their own and the reviews of other two Stage 1 reviewers at the meetings.



The **applications will be ranked within each cluster for Stage 2**, as opposed to a ranking across face-to-face committees.

Indigenous Health Research



Complementary iterative peer review process guided by Indigenous Health Research Reference Group



Applications must demonstrate

- TCPS2 - Chapter 9 Research involving the First Nations, Inuit and Métis Peoples of Canada; and
- Indigenous partnering community/organizational ethical guidelines



Purpose of the iterative peer review process is to

- ensure that applications are assessed by reviewers with the appropriate expertise and that funding of these types of research is at an appropriate level
- support mentorship

Fall 2016 Project Grant Competition Review Process

Stage 1 Review

- Stage 1 review will assess the concept and feasibility of the projects:
 - Concept
 - Significance and Impact of the Research (25%)
 - Feasibility
 - Approaches and Methods (50%)
 - Expertise, Experience and Resources (25%)
- Ratings are to assist with ranking – final rankings will be used for decisions on success at Stage 1.
- The review will be conducted remotely through ResearchNet.

Fall 2016 Project Grant Competition Review Process

Stage 2 Review

Approximately 40% of applications will move to Stage 2 discussions:

- Applications ranked in top 30% across clusters and within clusters.
- The remaining portion (approximately 10%) will include applications such as those that have large scoring discrepancies, were specifically flagged by Competition Chairs, or were highly ranked within their clusters.

Spring 2016 Project Grant Competition



Stage 1

- **Stage 1 Applicants**
 - 3818 eligible applications submitted
- **Stage 1 Review**
 - 1664 reviewers



Stage 2

- Final Assessment Committee meeting held on July 7-8, 2016
- **Stage 2 Applicants**
 - 100 applications considered by committee
- **Stage 2 Committee Membership**
 - 1 Chair, 1 Scientific Officer and 31 Members

491 Project Grants awarded

Fall 2016 Project Grant Competition



Stage 1

- **Stage 1 Applicants**
 - Close to 2900 eligible applications submitted
- **Stage 1 Review**
 - January-February 2017



Stage 2

- Final Assessment Panel meetings in April 2017
- **Stage 2 Applicants**
 - 40% of Stage 1 applications
- **Stage 2 Panel Memberships**
 - Chairs, Scientific Officers and a subset of Stage 1 reviewers

Anticipated Notice of Decision: May 15, 2017

Timeline for the Project Grant: 2016-2017 Competition

Key Dates

Registration Deadline	September 20, 2016
Application Deadline	October 20, 2016
Anticipated Notice of Decision	May 15, 2017
Funding Start Date	April 1, 2017

A graphic of stylized green leaves and branches, rendered in various shades of green, positioned in the upper left quadrant of the slide. The leaves have serrated edges and prominent veins. The background is a gradient of green, with a lighter shade at the top left and a darker shade at the bottom right.

Tri-Agency and CIHR Funding Opportunities for Trainees



Funding Opportunities

This database:

- Provides a complete listing of current and archived opportunities
- Is searchable
- Can be viewed by Institute, program type, or target applicant

— <http://www.cihr-irsc.gc.ca/e/35273.html>





Canada Graduate Scholarships – Master’s Program

This program funds... high caliber scholars who are engaged in eligible Masters or, in some cases, doctoral programs in Canada.

Annual Stipend: \$17,500

Term: up to 12 months

Application Deadline: December 1st, 2016 (Canadian Institutions may have an internal deadline ahead of CIHR’s)

To be eligible:

- Candidates must have completed, as of December 31st of the year of application, between 0 and 12 months of full-time studies;
- Must be a Canadian citizen or a permanent resident of Canada.

All necessary information about the CGS M program can be accessed through the links listed on the following web page:

http://www.nserc-crsng.gc.ca/Students-Etudiants/CGSHarmonization-HarmonizationBESC_eng.asp



Doctoral Awards

- **Funding is available for...** Doctoral students in Canada and
- Abroad.

- Three envelopes of funding:
- Vanier Canada Graduate Scholarships (VCGS)
- Frederick Banting and Charles Best Canada Graduate Scholarships – Doctoral Awards (CGS-D)
- Doctoral Foreign Study Awards (DFSA)



Vanier Canada Graduate Scholarships

SSHRC CRSH



CRSNG
NSERC



CIHR IRSC
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- Open to Canadian citizens, permanent residents of Canada, and international students and offered by CIHR , NSERC and SSHRC
- Aims to attract and retain world-class doctoral students by supporting students who demonstrate both leadership skills and a high standard of scholarly achievement in graduate studies
- Applicants must be nominated by a Canadian university with a Vanier allocation and awards can only be held at the nominating university

Deadline (university nominations): November 2, 2016

Annual Value: \$50,000

Duration: 3 years



Discoveries for life

www.vanier.gc.ca



Bourses d'études
supérieures du Canada
Vanier
Canada Graduate
Scholarships



Doctoral Awards CGS-D & DFSA

This program funds Canadian students and permanent residents who are pursuing a PhD degree in a health-related field in Canada or abroad.

Frederick Banting and Charles Best Canada Graduate Scholarships – Doctoral Awards

These awards provide special recognition and financial support to students who are pursuing a Master's degree in a health-related field in Canada. Candidates are expected to have an exceptionally high potential for future research achievement and productivity

CIHR Doctoral Foreign Study Awards (DFSA)

These awards provide special recognition and support to students who are pursuing a doctoral degree in a health-related field in Canada or abroad.

Stipend per annum: \$30,000

Research Allowance per annum: \$5,000

Term: Up to 3 years

Application Deadline: October 4, 2016 (Canadian Institutions may have an internal deadline ahead of CIHR's)



CGS Michael Smith Foreign Study Supplement (CGS-MSFSS)

This program funds existing Canadian Vanier and Canada Graduate Scholarship (CGS) Master's or Doctoral award recipients interested in building global linkages and international networks through the pursuit of exceptional short-term research experiences at research institutions outside of Canada.

Supplement: up to \$6,000

Term: 3 to 6 months

Next Application Deadline: October 11, 2016



To benefit from this program, candidates must have accepted or hold a CGS (Masters or Doctoral) or Vanier CGS and not have held previously a CGS-MSFSS.



Fellowship Awards

- **Funding is available for...** to support highly qualified candidates that are at the postdoctoral level or hold a professional graduate degree in the field of health .

Two envelopes of funding are available:

- Banting Postdoctoral Fellowships
- CIHR Fellowships



Banting Postdoctoral Fellowships

SSHRC CRSH



CRSNG
NSERC



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Program Objectives:

- Attract and retain top-tier postdoctoral talent nationally and internationally;
- Develop their leadership potential; and
- Position them for success as research leaders of tomorrow, positively contributing to Canada's economic, social and research-based growth through a research-intensive career.

Deadline: September 21, 2016 (Canadian Institutions may have an internal deadline ahead of CIHR's)

Annual Stipend Value: \$70,000

Duration: 2 years



Bourses postdoctorales
Banting
Postdoctoral Fellowships



Discoveries for life



CIHR Fellowships

- **This program funds...** provide support for highly qualified applicants in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

Annual Stipend : From \$21,000 to \$55,000

Annual Research Allowance : \$5,000

Term : Up to 5 years

- **Application Deadline** : November 1, 2016 (Canadian Institutions may have an internal deadline ahead of CIHR's)

Stipend and term is determined based on the candidate's educational background and proposed location of research.





Priority Announcements

- Offer additional sources of funding for highly rated applications that are relevant to specific CIHR research priority areas.
- Candidates may request to be considered for up to three priority announcement research areas within their application.
- Priority Announcements are offered through the Fellowship and Doctoral Research Awards programs.



College of Reviewers

College of Reviewers Chairs

Appointments began on July 1, 2016 and the inaugural meeting was in October 2016



Executive Chair
Paul Kubes
University of Calgary



Eric Brown
McMaster University



Max S. Cynader
University of
British Columbia



Jayne Danska
Hospital for Sick Children



Sherry L. Dupuis
University of Waterloo



Richard Glazier
Institute for Clinical
Evaluative Sciences



Phillippe Gros
McGill University



Peter Jones
University of Manitoba



Josée Lavoie
University of Manitoba



Dawn Martin Hill
McMaster University



Patrick McGrath
IWK Health Centre



Barbara Morrongiello
University of Guelph



Steven Narod
Women's College
Research Institute



Morag Park
McGill University



Louise Potvin
Université
de Montréal



Jane Rylett
Western University

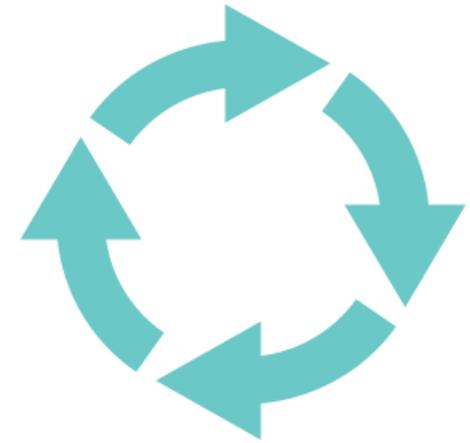


David Thomas
McGill University

Four Functions

The College is structured around 4 main functions

- 1** Recruitment
- 2** Learning & Mentoring
- 3** Performance Management & Quality Assurance
- 4** Membership Management, Incentives & Recognition



**ACTIVITIES WILL BE
BASED ON AN EVIDENCE-
INFORMED APPROACH**

CIHR Contact Centre

CIHR Contact Centre

Funding Support

Inquiry Management

The CIHR Contact Centre is responsible for responding to all research funding inquiries including administrative processes and technical support.

This includes:



**Application
Processing**



**Post-Award
Administration**



**Technical
Support**

**Monday to Friday
7:00 a.m. to 5:00 p.m. ET and
until 8 p.m. ET on deadline days**

support@cihr-irsc.gc.ca

Telephone: 613-954-1968

Toll Free: 1-888-603-4178



Thank you



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Health Research

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