

SSHRC  CRSH

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*Addressing Policy Requirements in PM for
Science-based Organizations:
Forum to Share Solutions to Common
Challenges*

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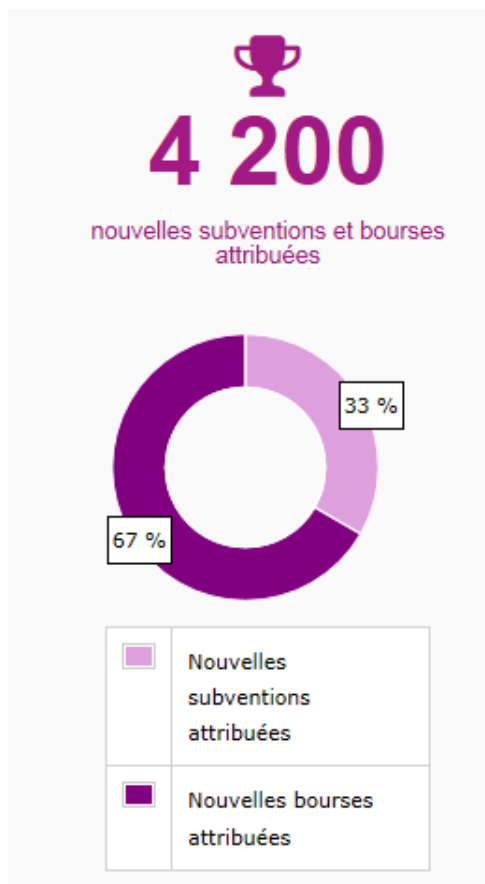
SSHRC & Policy on Results

Core Responsibility 1	Responsabilité essentielle 1
Funding Social Sciences and Humanities Research and Training	Financement de la recherche et formation en sciences humaines

- 4 Programs in Program Inventory under CR1
 - Insight Research
 - Research Training and Talent Development
 - Research Partnerships
 - New Frontiers in Research Fund (created 2018-19)



CRSH 2017-2018 (RE1)

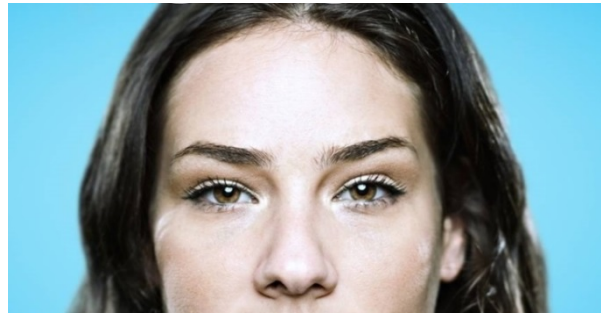


**Investissements
totaux
388 millions**



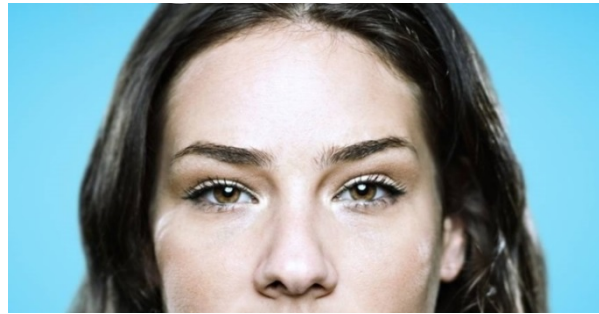
Research Training and Talent Development

- Support to graduate students and postdoctoral fellows during their studies
 - To attract and, retain highly qualified personnel
 - To develop the next generation of researchers and leaders across society
- Essential to build the human capital required to enable a strong, globally competitive research and innovation system in Canada



Research Training and Talent Development

- 2017-18
 - \$ 100 millions
 - 50 ETP
 - 2300 bourses niveaux maîtrise et doctorat
 - 175 bourses postdoctorales
- Contexte
 - Volume
 - Subvention (transfert de paiement)
 - Résultats distants



Academic Path and Agency Support

Masters



Ph.D.



PDF

CGS-M*

Doctoral Fellowships
CGS-D*
Vanier CGS*

PDFs
Banting PDFs*



*Tri-agency program
(CIHR, NSERC, SSHRC)



Research Training Results

- **Departmental Result: Canada has a pool of highly skilled people in the SSH**
- Number of research trainees supported
- Proportion of award holders who are underrepresented individuals
- Percentage of research trainees that go on to work in a research position

... but there is a lot more to measure!



Variables of Interest

- Excellence
- Degree completion / Time to completion
- Accumulation of debt
- % Master's students pursuing PhDs; PhDs taking up postdoctoral fellowships
- Research production / Collaboration
- Development of research and professional skills
- International exposure
- Employment status (Sector, Research intensity)
- Etc.



Performance Data source

- Application admin data
- Talent Achievement Report
 - Mandatory end of award report
 - Completed by awardee
 - Within 6 months after the award end-term
 - Built like a short survey
 - Hosted on an external platform
 - Focus on Outcomes, Collaborations, Skills, Knowledge mobilization activities, Distinctions, Career development, etc.



Challenges (1/3)

- Data from multiple sources/systems
- Tension between data needs and burden of data collection
- Appropriateness/accessibility of comparison groups
 - Unsuccessful applicants
 - Awardees of similar programs
 - Student population




Challenges (2/3)

- **Incrementality**
 - Attribution of “what would have happened in the absence of the program” particularly challenging
 - Expected results stemming from program support vs. selection of candidates
- **Evolution of data needs**
 - GBA+ data



Challenges (3/3)

- Longer-term trajectory missing
 - What is the ultimate advantage for GoC to fund scholarships?
 - Need to link to academic & life long career outcomes



Opportunities/
Possible solutions

E.g. Post-secondary Administrative Data Pilot Project

- U of Ottawa researcher + 4 institutions
- Phase I:
 - award recipients vs. overall population of students
 - retention, completion rates
- Phase II
 - longer timeframe (2000-2015 vs. 2009-2015)
 - discontinuity analysis
 - link with Statistics Canada tax data



Other solutions...

- Educate on importance of performance information
- Returning information collected to public:
 - SSHRC dashboards
- Finding alternate data source
- Working with stakeholders (e.g. academic sector)
- Working horizontally with other government organizations



Thank you!

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Social Sciences and Humanities
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