



# Queen's Research Data Centre (QRDC)

**Annual Report** 

January 1 to December 31

2018

Date submitted: May 31, 2019

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# **Executive Summary**

## **Teaching and Outreach**

Broad outreach was done at events such as the Queen's Welcome and Resource Fair for graduate students (September) and Queen's new faculty orientation (August). More targeted outreach was done by way of introducing and contextualizing the QRDC within the StatCan continuum of data access during selected instructional sessions and workshops presented by members of Queen's University Library's Open Scholarship Services division.

The QRDC Analyst also held a session introducing the QRDC to graduate students in the Economics Department during an offering of ECON 852: Quantitative Methods.

## **Researcher Engagement**

On November 8, the Special Advisor to the Executive Director of the CRDCN, Michelle Gauthier, conducted a site visit to the QRDC and Queen's University as part of the CRDCN's National Engagement Strategy (NES). The visit included meetings with the QRDC Academic Director, Associate Vice-Principal (Research) Kent Novakowski, QRDC researchers, and representatives from StatCan, Queen's University Library, Queen's University Research Services, and Queen's Research Accounting. The NES was a chance to obtain feedback from a variety of stakeholders who play a key role in the support of the network, and to share potential challenges or opportunities relating to this national collaboration.

Communication to the researcher community was also augmented by way of regular news updates to the new QRDC website announcing the availability of new datasets and providing updates related to the operations of the centre. These news updates are also available as an RSS feed.

# **QRDC Advisory Committee**

The QRDC Advisory Committee was convened once in August 2018. We welcomed new member Charles Sumbler, replacing Karina McInnis as our representative from University Research Services.

QRDC Website
The QRDC's new website (https://www.queensu.ca/qrdc/) was launched in August 2018.
Information Technology
We strengthened our relationship with Queen's IT Services (ITS) by clarifying the roles played by different groups within ITS in supporting the QRDC, and by clearing two members of the ITS Support team to provide service to QRDC workstations.
We maintained and improved QRDC infrastructure by adding a new researcher workstation, upgrading the Analyst's workstation, and replacing a failing hard drive on the server.

# **Section One: RDC Information**

# a) QRDC Contact Information

Queen's Research Data Centre Room 007, Stauffer Library Queen's University, 101 Union Street

Kingston ON K7L 3N6 Phone: 613-533-6224

Website: <a href="https://www.queensu.ca/qrdc/">https://www.queensu.ca/qrdc/</a>

Email: qrdc@queensu.ca

Table 1b: Q	RDC Staff			
Name	Position	Contact Information	FTE (Students)	FTE (Non- students)
Dong Shen	StatCan RDC Analyst	<u>qrdc@queensu.ca</u> 613-533-6224		0.6
Jing (Jean) Liang	Statistical Assistant	qrdc.assistant@queensu.ca	0.15	
Graeme Campbell	Academic Director	graeme.campbell@queensu.ca 613-533-6000 x75798		0.15
Martha Whitehead; Nancy Petri; Emily Xu; Alex Cooper	Administrative Staff	martha.whitehead@queensu.ca petrin@queensu.ca emily.xu@queensu.ca coopera@queensu.ca		0.254
Sean Allen; Jonathan Facun; Charles Parkes	IT Support	sallen@queensu.ca facunj@queensu.ca parkesc@queensu.ca		Varies

Table 1c: QRDC Advisory Committee Members (as of August 1, 2018)

	I	
Name	Institution	Position
Andrea Craig	Economics	Graduate Student
Charles Sumbler	University Research Services	Interim Executive Director
Christopher Ferrall	Economics	Professor
Cynthia Fekken	Office of the VP (Research)	Associate VP Research
Graeme Campbell	Library	Academic Director, QRDC
lan Michael Janssen	Kinesiology and Health Studies; Community Health and Epidemiology	Professor
Jean-Etienne de Bettignies	Business	Professor
Jennifer Doyle	IT Services	CIO & Associate VP (Information Technology)
Marta Strasnicky	English	Associate Dean (Graduate Studies)
Martha Whitehead	Library	Vice-Provost (Digital Planning) & University Librarian
Ex-Officio Members		
Dong Shen	Statistics Canada	QRDC Analyst

# d) RDC Partnerships and Branches

n/a

# e) Operation of the RDC

The Centre is open 22.5 hours per week: 10:00 AM until 1:45 PM, Monday 10:00 AM until 4:45 PM, Tuesday—Thursday (Closed for lunch 12:45 – 1:15 PM)

14 workstations are available to researchers.

# f) Physical Space

The QRDC occupies 918.41 square feet.

# **Section Two: QRDC Activities**

Table 2a: Projects Started, Withdrawn and Ended			
	Projects Started	Projects Withdrawn	Projects Ended
2018	9	0	6

Source: Statistics Canada RDC Program Manager's Report

Table	2b: Summary of Activity in 2018		
Rating	Output	Un-weighted Total	Weighted Total
0.5	Completed Projects	6	3
2.0	Books		
1.0	Edited Books		
1.0	Book Chapters		
1.5	Refereed Articles	1	1.5
0.5	Working Papers	1	0.5
1.0	Policy Reports	1	1
2.0	PhD Theses		
1.0	MA Theses	1	1
0.5	Undergrad Theses		
2.0	Full Year Course (6 credits)		
1.0	Semester Course (3 credits)		
0.5	RDC Data in Conference Presentations or invited Talks (same presentations may be counted only once)	17	8.5
2.0	CRDCN Annual Conference Organization		
0.5 to 1.0	Organize Conference Sessions, Workshops, Symposia		
	Total	27	15.5

Source: CRDCN Researchers Survey (Completed Projects), CRDCN Bibliography (Books to Undergrad Theses), RDC (Courses, Conferences and Workshops)

Table 2c: Average Monthly Research Activity in 2018				
	Contracts Raw Dyads Adjusted Dyads			
QRDC	20.6	56.8	108.3	

Source: Statistics Canada RDC Program Manager's Report, Table 1

Box 2	2d: Summary of Substantive Comments on Publications
None	to report.
Box 2	2e: Summary of Major Media Coverage of Research
1.	Principal Investigator: Jason Adams. <u>Date</u> : 31OCT2018. <u>Media Type</u> : Radio. <u>Mention Type</u> : Interview. <u>Article title</u> : C.D. Howe publication "Assessing Active Labour-Market Programs: How Effective is Ontario Works". <u>Media name</u> : AM800 CKLW. <u>Media location</u> : Windsor. <u>Comments about media mention</u> : . (Project: 14-OIS-QUE-4158 / RDC(s): UTO, QUE)
2.	Principal Investigator: Jason Adams. <u>Date</u> : 01NOV2018. <u>Media Type</u> : Website. <u>Mention Type</u> : Column. <u>Article title</u> : Welfare reform is the Ford government's next big project. <u>Media name</u> : CBC News. <u>Media location</u> : . <u>Comments about media mention</u> : "The C.D. Howe Institute released a report urging the government to better tailor its job programs to get people off social assistance and reduce the chance that they return to the welfare rolls.". (Project: 14-OIS-QUE-4158 / RDC(s): UTO, QUE)
3.	Principal Investigator: Margaret Jones. <u>Date</u> : 21DEC2018. <u>Media Type</u> : Other. <u>Mention Type</u> : Blog. <u>Article title</u> : The Impact of Post-Secondary Funding on the Educational Attainment of Indigenous Students in Canada. <u>Media name</u> : . <u>Media location</u> : . <u>Comments about media mention</u> : . (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)

Table 2f: Focus of Research, 2012-2018		
Focus	Number of Projects	% of Total
Aging	1	2
Education	9	18.4
Family and Children	4	8.2
Financial Security	1	2
Health	13	26.5
Immigration	4	8.2
Labour Force	10	20.4
Other	7	14.3
Total Number of Projects	49	100

Source: CRDCN Researchers Survey. Please use "Table 2f – Focus of Research" to populate this table, and "Table 2f – Other Foci of Research" to note any other oft-mentioned foci of research.

Table 2g: Status of Projects in Survey, 2012-2018		
Status	Number of Projects	
1. Project ongoing, more output possible	20	
2. Project ongoing, no more output expected	1	
3. Project complete, further output possible	9	
4. Project complete, no more output expected	102	

# **Section Three: RDC Knowledge Mobilization Activities**

Table 3a: Teaching and Training Activities in 2018		
Courses or Training sessions	Number	Approximate number of participants
Summer school (1 or 2 week sessions)		
Training sessions or Workshops (1 or 2 days)		
Data seminars		
RDC promotion	3	~600 + 57 + 28
Full year graduate or undergraduate course (6 credits)		
Semester graduate or undergraduate course (3 credits)		
Other, specify		
Total	3	~685

Source: RDC

Table 3b: QRDC Outreach in 2	2018
RDC-based publications (e.g. newsletters, working papers, research summaries or highlights, synthesis reports)	
Training sessions and research seminars or conference hosted by the RDC (e.g. workshops, brown bag luncheons, symposia)  RDC-related outreach activities (e.g. meetings with public officials and other stakeholders)	
RDC-related media mentions	3
RDC website (e.g. number of visitors)	https://www.queensu.ca/qrdc/ From Aug. 23 to Dec. 31 (after launch of new website): Users: 448 Sessions: 552 Pageviews: 1123
Other (e.g. blogs, tweets. Please specify)	30 news items posted to QRDC website

Source: RDC

## **Box 3c: Substantive Comments and Summary of Knowledge Mobilization**

Projects undertaken in the Queen's RDC analyzed data related to the economy, business,
socio-economic issues, and health. Outputs from these projects will increase understanding
of these topics and potentially inform policy-making.

Source: RDC

## **Box 3d: Vignette**

#### **Commute Mode and Residential Location Choice**

Public transportation infrastructure projects are major government investments. These projects potentially affect not only travel mode choices, but residential location choices in the long term. Former QRDC researcher, Andrea Craig analyzed the impacts of public transportation projects, accounting for the effect on households' residential location decisions.

Using the 2011 National Household Survey, the researcher found parameter estimates imply that the willingness to pay to reduce commute time is fourteen dollars per hour for the mean-income household, and there is significant heterogeneity across household income. Using the estimated model, the researcher simulated households' residential and commute mode decisions under a proposed public transportation infrastructure project.

This research has formed the basis for presentations including the Western Economic Association International Annual Conference, the Canadian Resource and Environmental Economics Annual Conference, and the Canadian Economic Association Meeting.

Source: RDC

# **Section Four: QRDC Researchers**

Table 4a: Student Training and Employment in 2018				
	Number of Students	Number of Students Using RDC Data in Their Thesis	Number of Students Employed on One or More Projects	Theses Completed in 2018
Undergraduate	2	1	1	0
Masters	7	6	1	1
Doctoral	9	7	0	0

Source: CRDCN Researchers Survey (Columns 1 to 3), CRDCN Bibliography / Section Seven of the Annual Report (These Completed)

Table 4b: Researcher Employment Status in 2018		
Position/Role	Number of Researchers	
Adjunct professor	2	
Assistant professor	8	
Associate professor	6	
Full professor	8	
Independent or other researcher	1	
Masters student	7	
PhD student	9	
Post-doctoral fellow	2	
Federal government researcher	1	
Undergraduate student	2	

Source: CRDCN Researchers Survey

Table 4c: All Researcher Disciplines in 2018		
Academic Discipline	Number of Researchers	
Economics	32	
Geography/Urbanism	1	
Industrial Relations	5	
Nursing	1	
Physical Rehabilitation Science	1	
Psychology/Psychiatry	2	
Public Health/Epidemiology	4	

Table 4d: Student Researcher Disciplines in 2018		
Academic Discipline	Number of Students	
Economics	15	
Industrial Relations/Management	1	
Public Health/Epidemiology	2	

Source: CRDCN Researchers Survey

Table 4e: Government Agency Partnerships in 2018		
Government Agency	Number of Researchers	
MCSS (Ontario Ministry of Community and Social Services)	1	

Source: CRDCN Researchers Survey

Table 4f: Research Network Involvement in 2018		
Research Network	Number of Researchers	
CEA (Canadian Economics Association)	1	
Metropolis	1	
CDPP (Canadian Disability Participation Project)	1	

Source: CRDCN Researchers Survey

Table 4g: Collaboration, Funding and Partnerships in 2018		
	Number of Projects	
	Yes	No
Collaborated with NGOs	0	22
Research Chair Holder	10	15
Received Government Funding	8	14
Received University Funding	10	13

Source: CRDCN Researchers Survey

Table 4h: Collaboration with NGOs in 2018		
NGO	Number of Projects	
N/A	_	

Table 4i: Research Chairs in 2018		
Research Chair	Number of Projects	
Julian Barling	1	
Borden Chair of Leadership		
Heather Castleden	1	
Canada Research Chair in Reconciling Relations for Health,		
Environments, and Communities		
lan Janssen	1	
Canada Research Chair in Physical Activity and Obesity		
Mark Rosenberg	1	
Canada Research Chair in Development Studies		
Heather Stuart	5	
Bell Canada Mental Health and Anti-Stigma Research Chair		

Source: CRDCN Researchers Survey

Table 4j: Non-Government, Non-University Funding Agencies in 2018		
Funding Agency	Number of Projects	
SSHRC (Social Sciences and Humanities Research Council)	1	
CIHR (Canadian Institutes of Health Research)	1	
FQR (Fonds québécois de la recherche)	1	

Table 4k: Software Use, 2015-2018		
Software use by the 52 projects answering the Software Section of the survey		
Software Name	Number of Projects	Percentage
STATA	46	88.46
Microsoft Office	32	61.53
MiKTeX	17	32.69
Adobe Acrobat Reader and Pro	10	19.23
SAS	7	13.46
SPSS	5	9.61
7zip	5	9.61
MATLAB	4	7.69
ArcGIS	3	5.76
TEXnic Center	3	5.76
Internet Explorer	2	3.84
Notepad++	2	3.84
Stat/Transfer	2	3.84
WinZip	2	3.84
Beyond 20/20	1	1.92
GAUSS	1	1.92
Mplus	1	1.92
SLIDRet	1	1.92

## Section Five: Achievements, Challenges and Objectives

## Box 5a: Summary of Major Achievements and Challenges in 2018

#### **QRDC** Website

We were able to fully meet our objective of "Migration of the QRDC website to a Queen's University hosted solution" in 2018. A variety of hosting options at Queen's were considered, with the university-wide WebPublish solution selected. The Academic Director and another library staff member providing web support to the QRDC attended WebPublish training in July, and migrated the content from the old website in the weeks that followed. The launch of the new QRDC website (<a href="https://www.queensu.ca/qrdc/">https://www.queensu.ca/qrdc/</a>) occurred in late August in collaboration with Queen's Marketing and IT Services.

#### **QRDC Hours**

In working towards our objective to "Investigate options to improve researcher access to the QRDC while considering budget implications," discussions with StatCan regarding increasing QRDC hours by an additional half day continued in 2018. In June, we submitted a brief outlining the basis for this request to the Queen's Vice Provost (Digital Planning) and University Librarian. It was agreed that the library would make a request for an increase to its base funding to support this increase in hours during the 2019-20 fiscal year.

## **Information Technology**

Some progress was made in our objective to "Investigate options to improve/upgrade existing QRDC IT infrastructure in advance of the implementation of the CRDCN's HPC solution." As personnel changes had occurred recently in the Queen's IT Services (ITS) group that had been supporting the QRDC for the past few years, we met with members of the Infrastructure Services division in March of 2018. As a result of this meeting, we were able to grant RDC clearance to two members of the ITS Support team to support the Windows-based workstations in the QRDC. This has helped us streamline configuration and upgrade of this particular equipment, which is generally out of scope for the Infrastructure Services team.

In April, the IT Infrastructure Services division confirmed that the QRDC's server infrastructure is "well beyond end of life" and that the "processing power requested by users exceeds the technical capabilities of the virtual environment." In May, we were also required to purchase a new hard drive to replace one that was indicated as failing. As stated in last year's report, the local hardware infrastructure in the QRDC is quite old, but the CRDCN plans to transition to a remotely-hosted secure cloud solution that would effectively replace the problematic aging QRDC hardware. Movement on this project is picking up, but it is still unclear when the QRDC will make this transition. Until then, it will be important to strike a balance between maintaining an acceptable level of current user experience and avoiding a duplication of effort and costs while attending to immediate issues that will eventually be solved by the CRDCN's high-performance computing (HPC) solution.

## Box 5b: Summary of Major Challenges and Objectives in 2019

## **Challenges**

#### **Staffing Changes**

In January 2019, our long-time StatCan Analyst Dong Shen announced that he would be leaving the QRDC for another job. Statistics Canada was able to hire a new Analyst for the QRDC, Yasmine Amirkhalkhali, in enough time for there to be a brief overlap between her arrival and Dong's departure. With Dong's departure comes the loss of organizational memory that may create some challenges in 2019, but we are confident that Yasmine's onboarding will be successful.

#### **QRDC Hours**

Following our April 2017 increase to QRDC Hours from 3 to 3.5 days/week, discussions have been ongoing with StatCan regarding a need to increase hours a further 0.5 days/week. Feedback from the most recent researcher survey also indicated that some researchers still find the current extent or schedule of QRDC open hours restrictive.

### **QRDC Space**

Feedback from the most recent researcher survey indicated that some researchers find the current QRDC space uninviting.

### **Information Technology**

Feedback from the most recent researcher survey indicated some dissatisfaction with the processing power in the QRDC. While the local hardware infrastructure in the QRDC is quite old, the CRDCN plans to transition to a remotely-hosted secure cloud solution that would effectively replace the problematic aging QRDC hardware. It will be important to strike a balance between maintaining an acceptable level of current user experience and avoiding a duplication of effort and costs while attending to immediate issues that will be solved by the CRDCN's high-performance computing (HPC) solution.

# **Objectives**

- Investigate opportunities for training and outreach to the Queen's research community
- Investigate options to improve researcher access to the QRDC while considering budget implications
- Investigate ways to improve the QRDC space
- Investigate options to improve/upgrade existing QRDC IT infrastructure in advance of the implementation of the CRDCN's HPC solution

# Section Six: RDC Operating Budget – Revenue and Expenses Report for the Fiscal Year

Table 6a: QRDC Operating Budget – Revenue		
Source	Amount	
University	\$ 91,789	
SSHRC	\$ 36,653	
CIHR	\$ 36,653	
CFI	\$	
Other-RDC-NCC	\$	
HRSDC	\$	
Fee for Service	\$	
Other, specify	\$	
Total Revenue	\$ 165,095	

Source: RDC. Please enter amounts for the fiscal year (April 1 – March 31)

Table 6b: QRDC Operating Budget – Expenses				
	Amount			
	In Cash	In Kind	Total	
Statistics Canada Services	\$ 101,439		\$ 101,439	
Director Buy-Out of Time and Responsibilities		\$ 20,171	\$ 20,171	
Secretarial and Administrative Staff		\$ 23,112	\$ 23,112	
Translation Services			\$ 0	
Student Support for Longer Opening Hours			\$ 0	
Statistical and Methodological Services			\$ 0	
Supplies, Telephone, Security	\$ 582		\$ 582	
Computer Software, Supplies and Licenses	\$16,714		\$16,714	
Computer Assistance		\$8,500	\$ 8,500	
Computer Depreciation and Replacement			\$ 0	
Local Governance, Conference, Receptions			\$ 0	
Workshops, Courses, Training			\$ 0	
Travel (not Directors or training)	\$ 3,998		\$ 3,998	
Fellowship, Incentives Grants			\$ 0	
<b>Dissemination</b> (Website, Promotion of RDC)		\$ 1,189	\$ 1,189	
Branch RDC's Annual Costs			\$ 0	
Other			\$ 0	
Total	\$ 122,733	\$ 52,972	\$ 175,705	

Source: RDC. Please enter amounts for the fiscal year (April 1 – March 31)

Table 6c: QRDC Operating Budget – Summary of Contributions			
Source of funds		Percentage of Contribution	
Queen's University			
	Cash Contributions – Operating	23.51%	
	In-kind Contributions	32.09%	
	Total for university	55.60%	
SSHRC/CIHR - Grant		44.40%	
Other (please list)		0%	

Source: RDC. Please enter amounts for the fiscal year (April 1 – March 31)

# Section Seven: Complete List of RDC Output

Source: The CRDCN bibliography for the Annual Report year

#### **Refereed Articles**

1. Karen M. Davison and Cliff Holloway and Lovedeep Gondara and Anne S. Hatcher (2018) Independent associations and effect modification between lifetime substance use and recent mood disorder diagnosis with household food insecurity *PLoS ONE*, *13*(1), 1 - 14. (Project: 12-SSH-BCI-3108 / RDC(s): BCI, QUE)

#### **Working Papers**

1. Alex Chernoff and Andrea Craig (2018) Housing Price Network Effects from Public Transit Investment: Evidence from Vancouver. Bank of Canada, Ottawa, ON. (Project: 14-SSH-QUE-4133-S001 / RDC(s): QUE)

#### **Policy Reports**

1. Jason Adams and Ken Chow and David Rosé (2018) Assessing active labour-market programs: How effective is Ontario Works? C.D. Howe Institute, Toronto, ON. (Project: 14-OIS-QUE-4158 / RDC(s): QUE, UTO)

#### M.A. Theses

1. Nicole F. Haywood (2018) Physical activity, sedentary time, sleep duration, and self-rated health in older adults: A compositional analysis Department of Public Health Sciences, Kingston, ON: Queen's University. (Project: 16-SSH-QUE-4910 / RDC(s): QUE)

#### **Conference Presentations Using RDC Data**

- Conference Type: Talks or papers at academic conferences. Conference reference: Michael Kottelenberg, 02MAR2018. Universal Childcare, Child Obesity and the BMI Distribution: Eastern Economics Association Conference 2018. Boston, MA. (Project: 12-SSH-QUE-3267 / RDC(s): UWO, QUE)
- 2. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Andrea Craig, 01JUN2018. Commute Mode and Residential Location Choice: Canadian Economic Association Meeting. Montreal. (Project: 14-SSH-QUE-4133 / RDC(s): COOL, QUE)
- 3. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Andrea Craig, 27JUN2018. Commute Mode and Residential Location Choice: Western Economic Association International Annual Conference. Vancouver. (Project: 14-SSH-QUE-4133 / RDC(s): COOL, QUE)
- 4. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Andrea Craig, 29SEP2018. Commute Mode and Residential Location Choice: Canadian Resource and Environmental Economics Annual Conference. Montreal. (Project: 14-SSH-QUE-4133 / RDC(s): COOL, QUE)
- 5. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Andrea Craig, 19OCT2018. Commute Mode and Residential Location Choice: Canadian Research Data

- Centre Network National Conference. Hamilton. (Project: 14-SSH-QUE-4133 / RDC(s): COOL, QUE)
- 6. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Andrea Craig, 02NOV2018. Commute Mode and Residential Location Choice: Canadian Public Economics Group Meeting. Toronto. (Project: 14-SSH-QUE-4133 / RDC(s): COOL, QUE)
- 7. <u>Conference Type</u>: Invited talks to academics. <u>Conference reference</u>: Maggie Jones, 09JAN2018. Student Aid and the Distribution of Educational Attainment: Wilfred Laurier University. Kitchener-Waterloo, Canada. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 8. <u>Conference Type</u>: Invited talks to academics. <u>Conference reference</u>: Maggie Jones, 12JAN2018. Student Aid and the Distribution of Educational Attainment: University of Saskatchewan. Saskatoon, Canada. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 9. <u>Conference Type</u>: Invited talks to academics. <u>Conference reference</u>: Maggie Jones, 24JAN2018. Student Aid and the Distribution of Educational Attainment: University of Oregon. Eugene, Oregon, USA. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 10. <u>Conference Type</u>: Invited talks to academics. <u>Conference reference</u>: Maggie Jones, 26JAN2018. Student Aid and the Distribution of Educational Attainment: Simon Fraser University. Vancouver, Canada. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 11. <u>Conference Type</u>: Invited talks to academics. <u>Conference reference</u>: Maggie Jones, 30JAN2018. Student Aid and the Distribution of Educational Attainment: University of Victoria. Victoria, Canada. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 12. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Maggie Jones, 10NOV2018. Student Aid and the Distribution of Educational Attainment: Canadian Public Economics Group Meetings. Kingston, Canada. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 13. <u>Conference Type</u>: Invited talks to academics. <u>Conference reference</u>: Maggie Jones, 07DEC2018. Student Aid and the Distribution of Educational Attainment: McMaster University. Hamilton, Canada. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 14. <u>Conference Type</u>: Invited talks to academics. <u>Conference reference</u>: Maggie Jones, 11DEC2018. Student Aid and the Distribution of Educational Attainment: Dalhousie University. Halifax, Canada. (Project: 15-DTS-QUE-4200-S007 / RDC(s): QUE)
- 15. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Maggie Jones, 01JUN2018. Inequalities in Test Scores between Indigenous and Non-Indigenous Youth in Canada: Canadian Economic Association Meetings. Montreal, Canada. (Project: 16-SSH-QUE-4659 / RDC(s): VIC, QUE)
- 16. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Maggie Jones, 10OCT2018. Inequalities in Test Scores between Indigenous and Non-Indigenous Youth in Canada: Brown Bag Seminar. University of Victoria. (Project: 16-SSH-QUE-4659 / RDC(s): VIC, QUE)

17. <u>Conference Type</u>: Talks or papers at academic conferences. <u>Conference reference</u>: Jennafer Hartman, 01JUN2018. Education economics: CEA. Montreal. (Project: 17-SSH-QUE-5136 / RDC(s): QUE)