**Queen's Research
Data Centre (QRDC)**

Annual Review Report

January 1 to December 31
2013

Revised, 10 June 2014

Queen's Research Data Centre (QRDC)

Contents

Executive Summary

2013 was another year of change for the Queen's Research Data Centre (QRDC). Activity levels in the QRDC are still in a state of flux, with net growth in some areas (numbers of active student and researcher contracts) and declines elsewhere (total active researchers). Efforts to encourage use of the QRDC are ongoing.

The CFI infrastructure grant funded 15 new researcher workstations (up from 10) running Windows AD. The CFI grant also funded the purchase of new server infrastructure so the QRDC could integrate with Statistics Canada's Active Directory network infrastructure. All of this was completed by December 31st, 2013. Queen's ITS was instrumental in our completing this ambitious project.

A new meeting/teaching room was built in the QRDC, enhancing the flexibility of the QRDC space.

The QRDC website (https://queensrdc.othree.ca/) had over 900 unique visits in 2013 (see Table 5 for more details).

Section One: Background 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   https://queensrdc.othree.ca/

b. QRDC Staff

Statistics Canada Analyst:
Bin Hu   Phone: (613) 533-6224
QRDC Email: qrdc@queensu.ca
Personal Email: hubin@econ.queensu.ca
Stauffer Library
Room 007
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Kingston, ON
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Statistics Canada Statistical Assistant :
Regan Butler
Email: reganbutler1@gmail.com
Stauffer Library
Room 007
Queen's University
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Academic Director:
Jeff Moon   Phone: (613) 533-6000 ext. 77992
Data & Government Information Librarian   FAX: (613) 533-6401
Email: moonj@queensu.ca
Stauffer Library
Room 018B
Queen's University
Kingston, ON
K7L 5C4

c. IT Administrators
   Marco Giacomello (marco@queensu.ca)
   Chris Rostant (rostantc@queensu.ca)
   Seamus Ryan (seamus.ryan@queensu.ca)
   Matt Tremblay (tremblam@queensu.ca)
   Queen's ITS

d. Library Financial Administrators
   Nancy Petri (petrin@queensu.ca)
   Emily Xu (eqx@queensu.ca)

e. QRDC Advisory Committee Members *(as of April, 2013)*

Dr. Christopher Ferrall	Economics	Professor
Dr. Sandra Den Otter	History, Sch. of Graduate Studies	Associate Dean, Graduate Studies
Bo Wandschneider	ITServices	Associate VP Information Technology and CIO
Martha Whitehead	Library	Vice Provost and University Librarian
Jeff Moon	Library	Academic Director, Data & Government Information Librarian
Dr. Ian Michael Janssen	School of Kinesiology and Health Studies, Department of Community Health and Epidemiology	Professor
Dr. Cynthia Fekken	Associate VP Research	Associate VP Research
Bin Hu	Economics	Statistics Canada Analyst
Dr. Olena Ivus	Business	Professor
Karina McInnis	University Research Services	Executive Director
Kamin Peyrow	Economics	Graduate Student
Mary Purcell	EQUIP Queen's University Infrastructure Programs Task Force	
Sonia Nobrega	EQUIP Queen's University Infrastructure Programs Task Force	

f. Operation of the RDC

   The Centre is open 18.75 hours per week
   10:00 AM until 4:45 PM, Tuesdays – Wednesdays – Thursdays
   Closed for lunch 12:45 – 1:15 PM
   15 workstations are available to researchers

Section Two: Research Output and Training Activities

Criterion 1: Total Number of Contracts

Table 1: QRDC Summary of the Number of Contracts Started, Completed and Withdrawn			
	Contracts Started	Contracts Completed	Contracts Withdrawn
2013	14	4	0

Instructions:

The source for the information in this table is the Program Manager's Report (**Table 3**) which will be sent to each Centre by Statistics Canada by the end of March of each year.

Definitions

Started: The count of all the contracts started during the calendar year
Completed: The number of contracts that met their contractual obligations
Withdrawn: The number of contracts that were withdrawn at the request of the principle investigator

Criterion 2: Summary of Project Output

Rating	Units	Un-weighted Total	Weighted Total
	Table 2: QRDC 2013 Measure and Weighting of Output		
0.5	Completed Projects	4	2
2	Books		
1	Edited Books		
1	Book Chapters		
1.5	Refereed Articles	6	9
0.5	Working Papers	1	0.5
1	Policy Reports		
2	PhD Theses	1	2
1	MA & Hon. Theses	1	1
2	Full Year Graduate Course (6 credits)		
1	Semester Graduate Course (3 credits)	1	1
0.5	RDC Data in Conference, presentations or invited talks	8	4
	(same presentations may be counted only once)		
2	CRDCN Conference Organization		
1	Organize Conference Sessions, Workshops, Symposia		
	Total	22	19.5

Instructions:

Source of line 1 (completed projects) is the Program Manager (PM) report.

Source of # of publications (lines 2-9) is the CRDCN Researchers' Survey, supplied by the CRDCN Bibliography (http://rdc-cdr.ca/statistics) around mid-April (informal results), and formally around mid-May after RDCs have had time to look over the online bibliography.

C:\Users\moonj\Documents\Committees\aEXTERNAL - RDC Network\QRDC\Annual Reports and PI Survey\Annual Reports\2013 Annual Report\FILES USED FOR 2013 ANNUAL REPORT\Tables in 2013 Annual Report.xlsx

Source of lines 10 and 11 (graduate courses) are from the RDC.

Source of line 12 (conference presentations) is the CRDCN Researchers' Survey, supplied in mid-May (formally; informal results will be supplied mid-April).

Source of lines 13 and 14 (conference organization, conference sessions, etc.) is the RDC.

Criterion 2a: A Measure of Focus of Research

Table 2a: QRDC Focus of Research		
Category	**Count**	**% of Total**
Aging		
Education	9	18
Family and Children	5	10
Financial Security		
Health	13	25
Immigration	6	12
Labour Force	13	25
Other (Long-run Regional growth, Firm performance/strategy, Work and well-being, Income/taxation)	5	10
Total Number of Projects	51	100

Instructions: Source is the CRDCN Researchers' Questionnaire.
Note: percentages provided from Researchers' Questionnaire were incorrect; I recalculated.

Criterion 3: Training and Employment

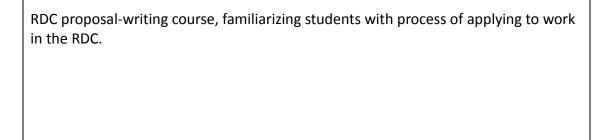| Table 3a: QRDC Summary of Student Training and Employment				
	Level of Study	**Number of Students Using RDC Data for Their Thesis**	**Students Employed as Part of RDC Project**	**Theses Completed in 2013**
Undergraduate	0	0	0	
Masters	3	1	1	1
Doctoral	14	11	0	1

Instructions: Source for columns 1-3 is the CRDCN Researcher's Questionnaire. Source for column 4 is the CRDCN Bibliography.
Columns 1-3 from: C:\Users\moonj\Documents\Committees\aEXTERNAL - RDC Network\QRDC\Annual Reports and PI Survey\Annual Reports\2013 Annual Report\FILES USED FOR 2013 ANNUAL REPORT\

Table 3b: Teaching in the QRDC		
Courses or Training sessions	**Number**	**Approximate average number of participants**
Summer school (1 or 2 week sessions)		
Training sessions or Workshops (1 or 2 days)		
Data seminars		
RDC promotion		
Full year graduate or undergraduate course (6 credits)		
Semester graduate or undergraduate course (3 credits)	1	5
Other, specify _____		
Total	1	5

Instructions: Source is the RDC.

Box 3: Substantive Comments and Summary of Training within the RDC

RDC proposal-writing course, familiarizing students with process of applying to work in the RDC.

Instructions: Source is the RDC.

Criterion 4: Staff

Table 4: QRDC Summary Table of Staff *		
Roles and Responsibilities	**Students**	**Non-Students**
RDC Analyst		0.5
Technician		
Professional Research Associate		
Administrative Support Staff		0.24
Statistical Assistants (part-time, Branch staff, extra hour employees)	0.15	
Knowledge Transfer Staff		
Other(s): Please Specify, Academic Director		0.15
Summary		

Please indicate the full time equivalent (FTE).
NOTE: figures rounded to 2 decimal places

Instructions: Source is the RDC.

Criterion 5: Knowledge Mobilization Activities

Table 5: Training Sessions and Other RDC-Based Knowledge Transfer & Dissemination Activities	
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)	CRDCN and QRDC were highlighted in Library seminars provided to graduate students and faculty in the context of other data-related sessions (e.g. on statistics and research data management).
RDC-related media mentions	Mention of RDC Network included in presentation at "Reconnect 13 – Big Data – The Advance of Data-Driven Discovery" (http://reconnect.casrai.org/). The Globe and Mail – Prof. Steven Lehrer's QRDC research mentioned: Better daycare for $7/day: One province's solution for Canada Published Friday, Oct. 18 2013
RDC website (e.g. number of visitors)	https://queensrdc.othree.ca/ Jan 1, 2013 to Dec 31 2013 • 962 unique visitors (homepage) • 140 unique visitors (data available) • 110 unique visitors (apply for access) • 256 unique visitors (Publications) • 623 unique visitors (events) • 311 unique visitors (blogs) *Source: ORION, hosts of the QRDC website*
	14 Blog entries added to QRDC home page https://queensrdc.othree.ca/

Other (blogs, tweets). Please specify	

Instructions: Source is the RDC.

Box 5a: Substantive Comments on Knowledge Mobilization Activities within the RDC

> **Globe and Mail, October 18, 2013:**
>
> "Queen's University economist Steven Lehrer has a special interest in education, and studies data gathered for the National Longitudinal Survey of Canadian Youth and Children which, until it was cancelled last year, had tracked a broad range of factors, including social development and vocabulary scores, in young children since 1994.
>
> According to his research, Quebec infants in 2007 scored below those of a decade earlier, and in vocabulary tests, four-year-olds slipped slightly as well, trailing the average for the rest of Canada.
>
> But many of these differences are too small to be clinically significant, argues Christa Japel, a child-development specialist at the Université du Québec à Montréal, and fail to account for the difference that quality care might make.
>
> She points to other research – specifically tracking children in Quebec – that has found that formal, government-regulated care had a generally positive influence on development tests on all children, with even larger gains among low-income kids.
>
> But parents, not just childcare programs, have an impact on results. How a government designs a childcare system can change family behaviour, sometimes with unintended consequences.
>
> For instance, Dr. Lehrer says the national survey numbers suggest that, especially among low-income families in Quebec, parents now read less often to their children. Coming home tired after work, he says, they may assume the "education" part of their child's day has been handled already. Parent education needs to be part of the childcare strategy."

Instructions: Source is the RDC.

Vignette 1

> **Vignette**: Unemployment among Canadians with physical and a co-morbid mental disability: An examination of the 2006 Participation and Activity Limitation Survey (PALS)
>
> Co-occurring disabilities are common and data indicate that those with both physical and mental disabilities face greater discrimination in the workforce. However, studies that consider disability type in determining labor market outcomes are needed particularly in Canada. QRDC researchers Erin Lillie, Beatriz Alvarado and Heather Stuart examined the association of disability type and unemployment among working-aged Canadians using data from the 2006 Participation and Activity Limitation Survey (PALS).
>
> The authors compared persons with one or more physical disabilities exclusively vs. those with one or more physical disabilities and a mental disability. They calculated the prevalence of unemployment and used multiple logistic regression to measure the association between disability type and unemployment, while considering relevant covariates. The authors found that compared to those with exclusively physical disabilities, individuals with co-morbid physical and mental disabilities were found to be at a significantly greater disadvantage when accessing employment.
>
> This research has formed the basis for presentations in several academic conferences and several articles. This article has been published in *Disability and Health Journal* Volume 6, Issue 4, October 2013, Pages 352–360.

Instructions: Provide an example of research mobilization in the RDC. – Provided by Statistical Analyst.

Criterion 6: Networks of Collaboration, Partnerships in Research and Interdisciplinary Work

a. List of researchers' disciplines

Table 6a: List of QRDC Researchers' Disciplines	
Academic Discipline	**Dyads**
Civil Law	2
Community Health Sciences	2
Community Health and Epidemiology	3.5
Economics/Économique	14.4
Geography	0.4
Graduate Studies	0.4
Industrial Relations / Relations Industrielles	1
Kinesiology and Health Studies	5.6
Management	0.2
Mathematics	0.2
Physical Education and Health	3.7
Policy Studies	9.5
Public Policy and Administration	0.6
Public and International Affairs	0
Queen's School of Business	8.2
RDC/Research Data Centres Program	1.9
Not stated	3.8
Total	**57.4**

NOTE: Table provided by Donna Dosman (STC) via Dave Haans (CRDCN). Unit of measure changed to 'dyads' from 'number of researchers' this year.

Instructions: Please refer to Contact List provided by Statistics Canada.

b. Research networks in which researchers are involved as a RDC researcher

Table 6b: Research Networks	
Research networks	**Number of Researchers**
Opening Minds Anti-stigma Evaluation Network	6
Cooperation with U of Alberta professor	2
NBER, EPRI, and CLSRN	2

Instructions: Please summarize the information provided by the CRDCN Researchers' Questionnaire.

c. Partnerships with any level of government agencies in which RDC researchers are involved

Table 6c: Partnerships with Government Agencies	
Government agencies	Number of Researchers
Mental Health Commission of Canada	6
OECD	2

Instructions: Please summarize the information provided by the CRDCN Researchers' Survey.

d. List of collaborations with NGOs in which RDC researchers are involved

Table 6d: NGO Collaborations	
NGO	Number of Researchers

Instructions: Please summarize the information provided by the CRDCN Researchers' Survey.

e. List of funding agencies that support researchers' RDC project

Table 6e: Funds for RDC researchers	
Agency	Number of Researchers
CIHR Doctoral Research Award (Institutes of Population and Public Health), 2007-2010.	1
CIHR Fredrick Banting and Charles Best Doctoral Award;	2
CIHR Strategic Training Initiative in Health Research (STIHR) (IMPART) Fellowship	1
SSHRC	1
EPRI - Education Policy Research Initiative	3
John Deutsch Institute - Dissertation PhD Completion Stipend	2
Student stipends: $60,000 per year	6

Instructions: Please summarize the information provided by the CRDCN Researchers' Questionnaire.

Criterion 7: Summary of Major Achievements and Challenges for the past year

2013 was a year of accomplishments for the Queen's Research Data Centre (QRDC). Our Statistical Analyst, Bin Hu, was confirmed in this position. A new Statistical Assistant was hired (Regan Butler); she has been working well with the Analyst to maintain QRDC opening hours, and to help with various projects.

2013 saw the successful completion of the CFI-funded workstation and network renewal project. Working closely with Queen's ITS and Statistics Canada, the installation of new network servers and researcher workstations (running Windows AD) was completed. There were several 'hiccups' in this process, requiring ongoing communication and discussion with Statistics Canada. The support provided by Queen's ITS was first-rate; their thorough and systematic approach over the life of this project contributed to its success and was very much appreciated.

As a consequence of CFI funding, the QRDC now has 15 researcher workstations (up from 10). A new meeting/teaching room was built in the QRDC. One of the 15 workstations is in this room, which makes it ideal for group meetings and/or training.

In June 2013, an accidental cut of fibre-optic cable in Kingston put the QRDC out of service for approximately 24 hours. We had not yet installed an RODC (Read-Only Domain Controller) that would have provided local user-authentication and kept the QRDC operational. The RODC has since been installed.

Queen's University Library, in cooperation with University Research Services, provided effective administrative support and oversight for all QRDC finances, including SSHRC, CIHR, and CFI grants. The diligent work of Nancy Petri and Emily Xu is particularly appreciated.

In 2013, a new online 'Researcher Survey' replaced the old Word document approach to gathering information about QRDC researcher activity. As Academic Director, I contributed to the development and refinement of this survey, which proved to be a big improvement over the very complex and largely manual system it replaced.

The CRDCN, and its place in the data continuum, was highlighted at "Reconnect 13 – Big Data – The Advance of Data-Driven Discovery" (http://reconnect.casrai.org/) in the Fall of 2013.

I continued to develop the QRDC website (https://queensrdc.othree.ca/), working with the Statistical Assistant to add Research Profiles to this site. I regularly added new Blog posts on a variety of topics.

Criterion 8: Major Objectives and foreseeable Challenges for next year

2014 will be a year of growth and consolidation for the QRDC. There are several activities and challenges on the horizon. These include:

- Preparing for an upcoming Statistics Canada site inspection
- Contributing to the inaugural 'Data Day', highlighting data-related resources and services at Queen's, including the QRDC
- Encouraging more Departments, Faculty, and Graduate students to use the QRDC
- Promoting the 'Program of Research' option for large-scale RDC projects
- Continuing to build researcher profiles to highlight the range and quality of research undertaken in the QRDC, and to foster a community of research
- Continuing to work with the CRDCN to improve the Researcher Survey
- Continuing to work with QUL, ITS, and University Research Services to effectively administer the QRDC and work with outside agencies (Statistics Canada, SSHRC, CFI, etc.)
- Upgrading security for the QRDC by installing a new swipe card system with reporting capabilities
- Establishing and identifying priorities for the CFI Infrastructure Operating Fund (IOF), totaling $12,130, for software/hardware updates, warranty extensions, etc.
- Hiring a new Statistical Assistant
- Continuing to inform and engage the QRDC Advisory Committee through scheduled meetings and informal connections

Section Three: RDC Operating Budget – Revenue and Expenses Report for Fiscal Year

RDC Operating Budget: Revenue

Table 7: QRDC Revenue 2013-2014	
Source	**[Amount]**
University	$23,329 (operating) + $64,052 (in-kind) = $87,381
SSHRC	$36,201
CIHR	$36,201
CFI	$
Other-RDC-NCC	$
HRSDC	$
Fee for Service	$
Other, specify	$
Total Revenue	**$159,783**

Note: While RDC activity is based on calendar year, the financial report is based on the fiscal year of your University (e.g. April 1st to March 31st).

RDC Operating Budget: Expenses

Table 8: QRDC Expenses 2013-2014			
	AMOUNT		
	In Cash	In Kind	Total
Statistics Canada Services	$ 69,085		$ 69,085
Director Buy-Out of Time and Responsibilities[1]		$ 24,185	$ 24,185
Secretarial and Administrative Staff[1]		$ 17,120	$ 17,120
Translation Services			$ -
Student Support for Longer Opening Hours	$ 442		$ 442
Statistical and Methodological Services			$ -
Supplies, Telephone, Security	$ 7,512		$ 7,512
Computer Software, Supplies and Licenses	$ 15,733		$ 15,733
Computer Assistance[2]		$ 21,700	$ 21,700
Computer Depreciation and Replacement			$ -
Local Governance, Conference, Receptions			$ -
Workshops, Courses, Training	$ 4,186		$ 4,186
Travel (not Directors or training)	$ 100		$ 100
Fellowship, Incentives Grants			$ -
Dissemination (Website, Promotion of RDC)[3]		$ 1,047	$ 1,047
Branch RDC's Annual Costs			$ -
Other[4]	$ 11,194		$ 11,194
Actual Square footage of Centre (not dollars)	918.41 Square Feet		
Total	$ 108,252	$ 64,052	$ 172,304

1. Salary & benefits
2. In-kind from Queen's ITS
3. Web-support technician @ 0.5 hrs/week
4. Physical Plant Services

NOTE: As a result of a surplus carry-forward in our research accounts from previous years, additional expenditures were possible in this fiscal to expand the infrastructure and services of the QRDC.

Table 9: Summary of Contributions 2013-2014		
Source of funds		Percentage of Contribution
Queen's University		
	Cash Contributions – Operating	14.60%
	In-kind Contributions	40.09%
	Total for university	54.69%
SSHRC/CIHR – Grant		45.31%
Other (please list)		0%
	Total, University & Grant:	100%

Appendix A: Detailed list of researcher output, conference presentations and media mentions for 2013

<u>Instructions</u>:   List will be provided by mid-May of all researcher output for, or attributed to the RDC from the CRDCN Researchers' Survey for the Annual Report year. (Preliminary results sent mid-April.)

This list is generated directly from the project questionnaire data, so changes in the questionnaires will be reflected in this list.

Refereed Articles

1. Katya M. Herman and Wilma M. Hopman and Mark W. Rosenberg (2013). Self-rated health and life satisfaction among Canadian adults: Associations of perceived weight status versus BMI *Quality of Life Research*, ( ), . (Project: 09-SSH-QUE-2103 / RDC(s): QUE)
2. Adnan Q. Khan and Steven F. Lehrer (2013). The impact of social networks on labour market outcomes: New evidence from Cape Breton *Canadian Public Policy*, *39*(s1), 1 - 24. (Project: 12-SSH-QUE-3346 / RDC(s): QUE)
3. Michael J. Kottelenberg and Steven F. Lehrer (2013). New evidence on the impacts of access to and attending universal childcare in Canada *Canadian Public Policy*, *39*(2), 263 - 286. (Project: 09-DTS-QUE-1832-S001 / RDC(s): QUE)
4. Erin Lillie and Beatriz Alvarado and Heather Stuart (2013). Unemployment among Canadians with physical and a comorbid mental disability: An examination of the 2006 Participation and Activity Limitation Survey (PALS) *Health and Disability*, *6* (4), 352 - 360. (Project: 09-SSH-QUE-2228 / RDC(s): QUE)
5. Arthur Sweetman and Casey Warman (2013). Canada's immigration section system and labour market outcomes *Canadian Public Policy*, *39*(s1), 141 - 160. (Project: 12-SSH-DAL-1282-R001 / RDC(s): DAL, QUE)
6. Andrew C. H. Szeto and Keith S. Dobson (2013). Mental disorders and their association with perceived work stress: An investigation of the 2010 Canadian Community Health Survey *Journal of Occupational Health Psychology*, *18*(2), 191 - 197 . (Project: 10-HSD-QUE-2460 / RDC(s): QUE)

Working Papers

1. Michael J. Kottelenberg and Steven F. Lehrer (2013). New evidence on the impacts of access to and attending universal childcare in Canada. National Bureau of Economic Research (NBER) Working Papers. (Project: 09-DTS-QUE-1832-S001 / RDC(s): QUE)

Ph.D. Dissertations

1. Matthew Webb (2013). Econometric analysis of labour market interventions Economics, Kingston, ON: Queen's University. (Project: 12-SSH-QUE-3274 / RDC(s): DAL, QUE)

M.A. and Hon. Theses

1. Noémie Schmiedel (2013). Understanding college major choice decisions in Canada Economics, Kingston, ON: Queen's University. (Project: 13-SSH-QUE-3521 / RDC(s): QUE, COOL)

Conference Presentations Using RDC Data

1. Conference Type: Presentations to government, panels or other groups. Conference reference: Arthur Sweetman, 03APR2013. Qualification Recognition: Economic Issues and Canadian Evidence. Vancouver - only year correct in date. (Project: 07-SSH-QUE-1283 / RDC(s): QUE, DAL)
2. Conference Type: Talks or papers at academic conferences. Conference reference: Doerte Heger, 24JUL2013. The impact of Post-Secondary Education on Language Ability. Catanzaro, Italy. (Project: 11-SSH-QUE-2849 / RDC(s): DAL, QUE)
3. Conference Type: Talks or papers at academic conferences. Conference reference: Doerte Heger, 02JUN2013. The impact of Post-Secondary Education on Language Ability. Montreal. (Project: 11-SSH-QUE-2849 / RDC(s): DAL, QUE)
4. Conference Type: Invited talks to academics. Conference reference: Webb, 01JUN2013. On the Effectiveness of Provincial Graduate Retention Programs. Montreal, Quebec. (Project: 12-SSH-QUE-3274 / RDC(s): QUE)
5. Conference Type: Presentations to government, panels or other groups. Conference reference: kottelenberg, michael, 01JUN2013. Characterizing Dynamic Skill Formation in Canada: Tracking the Effects of Cognitive and Non-Cognitive from Childhood to Adulthood. Montreal. (Project: 12-SSH-QUE-3346 / RDC(s): QUE)
6. Conference Type: Talks or papers at academic conferences. Conference reference: Noémie Schmiedel, 02JUN2013. Understanding college major choice decisions in Canada. Montreal - HEC. (Project: 13-SSH-QUE-3521 / RDC(s): QUE, COOL)
7. Conference Type: Talks or papers at academic conferences. Conference reference: Amy L. Bergenwall, 13 Apr 2013. An apple a day: Occupational stress, preventative interventions and health Houston Texas (Project: 11-SSH-QUE-2956 / RDC(s): QUE)
8. Conference Type: Talks or papers at academic conferences. Conference reference: Casey Warman, 19 Oct 2013. 9-11 and Labour Force Outcomes of Arabs and Muslims in Canada. Ottawa (Project: 09-SSH-QUE-2139 / RDC(s): QUE)