

# Capacity Building Compendium

Second Edition

Ontario SPOR SUPPORT Unit

November, 2016

## Forward

The Ontario SPOR SUPPORT Unit (OSSU) is pleased to present the second edition of its Capacity Building Compendium. The OSSU was created as part of Canada's Strategy for Patient-Oriented Research (SPOR) initiative and is funded by the Canadian Institutes of Health Research (CIHR), the Ontario Ministry of Health and Long Term Care (MOHLTC), and the Ontario Ministry of Research and Innovation. The OSSU will enhance patient-oriented research and contribute to improved patient outcomes by providing infrastructure and supports for Ontario researchers to work together with patients and their families, health care providers, and decision makers.

In 2013, it became apparent that OSSU-funded centres, networks, and projects already had resources and training materials that could be helpful to others. The first edition of the Capacity Building Compendium catalogued resources, training programs, and courses associated with the centres and networks of the OSSU. In 2015, the OSSU developed and launched an environmental scan and survey to expand the Capacity Building Compendium to include initiatives beyond the OSSU member centres and networks and to better understand the curricula components of the initiatives.

The Capacity Building Compendium's goal is to serve as a repository of patient-oriented research capacity building initiatives in Ontario, cataloguing the initiatives' delivery methods, scope, and content.

**This second edition includes 40 entries** that represent diverse capacity building content, including free online resources and tools, seminars and symposia series, and training programs.

The Capacity Building Compendium is an ongoing work in progress and its contents are not an exhaustive list of capacity building initiatives in Ontario. We welcome your suggestions about how the Capacity Building Compendium should be expanded or made more useful for you. Readers are encouraged to send suggestions for the Capacity Building Compendium content and format to [ossu@ossu.ca](mailto:ossu@ossu.ca) and to share this document with others.

Sincerely,

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Dr. Vasanthi Srinivasan  
Executive Director  
Ontario SPOR SUPPORT Unit

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Dr. Moira Stewart  
Distinguished University Professor  
Western University  
Lead, OSSU Working Group on Training and Capacity Building

## Contents

Summary Table .....	5
---------------------	---

### Training Initiatives

1. Adjusting for Bias: The Propensity Score and Instrumental Variable Analysis.....	9
2. Annual Symposia Series .....	10
3. Bioinformatics.ca workshops.....	11
4. Canadian Child Health Clinician Scholar Program .....	12
5. CIHR Strategic Training Program in Vascular Research .....	13
6. Collaborative Training Program in Musculoskeletal Health Research .....	14
7. Consensus Conference on Nutrition.....	15
8. End of Grant KT .....	16
9. Excellence in Radiation Research for the 21 <sup>st</sup> Century.....	17
10. Health Systems Learning.....	18
11. ICES Western Faculty Scholars Program.....	19
12. Introduction to ICES .....	20
13. Introduction to SAS .....	21
14. Introduction to Systematic Review and Meta-Analysis.....	22
15. Knowledge Translation Canada .....	23
16. KT Basics.....	24
17. KT Canada National Seminar Series .....	25
18. KT Canada Summer Institute .....	26
19. Monthly Research Methodology Videoconference.....	27
20. Ontario Brain Institute Entrepreneurs & Management Training Program .....	28
21. Ontario Brain Institute KT Training Program .....	29
22. Ontario Drug Policy Research Network (ODPRN) Student Training Program .....	30
23. OSSU Masterclass in Patient Oriented Research.....	31
24. Ontario Stroke Network Evaluation Training Program.....	32
25. Patient Engagement in Research Training Series .....	33
26. Pragmatic KT Trials.....	34
27. Qualitative Research Methods for Clinicians Interested in Medical Education Research .....	35

28. Research Operations Rounds.....	36
29. Tobacco and Public Health: From Theory to Practice.....	37
30. Transdisciplinary Understanding and Training on Research – Primary Health Care.....	38
31. Women’s Xchange Consultation Service .....	39
32. Women’s Xchange Events.....	40
<b>Online Resources</b>	
33. Applied Health Research Questions Guidelines .....	42
34. Data Dictionary .....	43
35. Health Equity Impact Assessment Tool .....	44
36. OHRI Patient Decision Aid Website .....	45
37. Patients Canada Resources.....	46
38. Primary Health Care Patient Engagement Resource Centre .....	47
39. Research Evidence Tool .....	48
40. Women’s Xchange Website Resources.....	49

# Summary Table

## Training Initiatives

	Title	Host institution(s)	Delivery Method	Primary Audience					Content						
				Research methods and research trainees	Research and research managers	Policy makers and managers	Health care providers	Patients and their families	Other	Leadership in health systems	Leadership in research	Knowledge translation and exchange	Patient partnerships	Other	
1	Adjusting for Bias: The Propensity Score and Instrumental Variable Analysis	Institute for Clinical Evaluative Sciences	Single session seminar				X			X					
2	Annual Symposia Series	Population Health Research Institute	Symposia series	X	X	X			X	X	X				
3	Bioinformatics.ca Workshops	Ontario Institute for Cancer Research	Multi-method				X		X	X					
4	Canadian Child Health Clinician Scientist Program	National pediatric health science centres	Multi-method				X			X	X			X	
5	CIHR Strategic Training Program in Vascular Research	Western University	Web-based learning				X		X	X	X				
6	Collaborative Training Program in Musculoskeletal Health Research	Western University	Multi-method	X			X		X	X	X				
7	Consensus Conference on Nutrition	Population Health Research Institute	Symposia series			X	X		X	X					
8	End of Grant KT	KT Canada	Participatory workshop				x			X					
9	Excellence in Radiation Research for the 21 <sup>st</sup> Century	University of Toronto	Participatory workshop				X		X	X	X				
10	Health Systems Learning	McMaster University	Multi-method		X	X	X		X	X		X			
11	ICES Western Faculty Scholars Program	Institute for Clinical Evaluative Sciences; Western University	Multi-method	X			X		X	X	X				
12	Introduction to ICES	Institute for Clinical Evaluative Sciences	Single session seminar	X											X
13	Introduction to SAS	Institute for Clinical Evaluative Sciences	Single session seminar				x		X						
14	Introduction to Systematic Review and Meta-Analysis	Knowledge Translation Program, St. Michael's Hospital	Web-based learning				x		X						

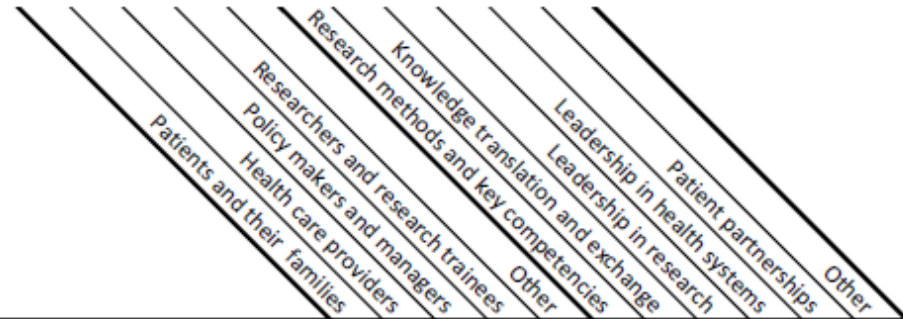
# Summary Table

## Training Initiatives

Title	Host institution(s)	Delivery Method	Primary Audience					Content					
			Research methods and research trainees	Research methods and managers	Policy makers and managers	Health care providers	Patients and their families	Knowledge translation and key competencies	Leadership in health systems	Leadership in research	Patient partnerships	Other	
15 Knowledge Translation Canada	University of Toronto; St Michael's Hospital	Single session seminar				X		X	X				
16 KT Basics	KT Canada	Participatory workshop		X	X	X			X				
17 KT Canada National Seminar Series	KT Canada	Single session seminar		X	X	X			X				
18 KT Canada Summer Institute	KT Canada	Participatory workshop				X			X				
19 Monthly Research Methodology Videoconference	Population Health Research Institute	Single session seminar			X			X	X				
20 Ontario Brain Institute Entrepreneurs & Management Training Program	Ontario Brain Institute	Multi-method				X							X
21 Ontario Brain Institute KT Training Program	Ontario Brain Institute	Multi-method	X		X	X			X	X		X	
22 Ontario Drug Policy Research Network (ODPRN) Student Training Program	St Michael's Hospital; Institute for Clinical Evaluative Sciences	Web-based learning				X		X	X	X			
23 OSSU Masterclass in Patient Oriented Research	Ontario SPOR SUPPORT Unit & McMaster Health Forum	Participatory workshop	X	X	X	X		X	X	X		X	
24 OSN Evaluation Training Program	Ontario Stroke Network	Participatory workshop	X	X	X	X		X	X				
25 Patient Engagement in Research Training Series	Ottawa Methods Centre	Single session seminar	X										X
26 Pragmatic KT Trials	KT Canada	Participatory workshop				x		X					
27 Qualitative research methods for clinicians interested in medical education research	McMaster University	Single session seminar		X				X					
28 Research Operation Rounds	KT Canada	Single session seminar				X		X					

# Summary Table

## Training Initiatives



	Title	Host institution(s)	Delivery Method	Primary Audience					Content						
				Patients and their families	Health care providers	Policy makers and managers	Researchers and research trainees	Knowledge translation and key competencies	Other	Leadership in health systems	Leadership in research	Patient partnerships	Other		
29	Tobacco and Public Health: Form Theory to Practice	University of Toronto; Centre from Addiction and Mental Health	Web-based learning		X				X	X					
30	Transdisciplinary Understandings and Training on Research –Primary Health Care	Western University and other partner universities and organizations	Multi-method		X	X	X			X	X	X			
31	Women’s Xchange Consultation Service	Women’s College Hospital	Consultation				X			X	X	X			X
32	Women’s Xchange Events	Women’s College Hospital	Single session seminar			X	X	X	X	X	X	X			X X

## Online resources

	Title	Host institution(s)	Delivery Method	Primary Audience					Content						
				Patients and their families	Health care providers	Policy makers and managers	Researchers and research trainees	Knowledge translation and key competencies	Other	Leadership in health systems	Leadership in research	Patient partnerships	Other		
33	Applied Health Research Questions Guidelines	MOHLTC	Online resource			X	X			X					
34	Data Dictionary	Institute for Clinical Evaluative Sciences	Online resource				X								X
35	Health Equity Impact Assessment Tool	MOHLTC	Online resource			X	X			X			X		
36	OHRI Patient Decision Aid website	Ottawa Hospital Research Institute	Online resource	X		X	X								X
37	Patients Canada Resources	Patients Canada	Online resource	X											X
38	Primary Health Care Patient Engagement Resource Centre	INSPIRE-PHC	Online resource				X								X
39	Research Evidence Tool	MOHLTC	Online resource			X	X			X			X		
40	Women’s Xchange Website Resources	Women’s College Hospital	Online resource				X	X	X	X	X				X X

## Training Initiatives



# 1. Adjusting for Bias: The Propensity Score and Instrumental Variable Analysis

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	3 hours
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Could be made available; please contact
<i>This initiative may count toward a graduate degree program.</i>	

**Initiative description:** The course material is in the form of a PowerPoint presentation that could be made available. Please contact.

## Contact Information

**Host institution:** Institute for Clinical Evaluative Sciences  
**Initiative lead:** Ruth Croxford  
**Initiative Coordinator:** Ruth Croxford  
**Email:** [Ruth.croxford@ices.on.ca](mailto:Ruth.croxford@ices.on.ca)  
**Website:** <http://www.ices.on.ca/>

## 2. Annual Symposia Series

<b>Primary audience(s):</b>	Health care providers Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Symposia series
<b>Length of training:</b>	3 days
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research
<b>Availability and fees:</b>	Available at no cost; please contact

### Contact Information

**Host institution:** Population Health Research Institute  
**Initiative lead:** Tara McCready  
**Initiative Coordinator:** Tara McCready  
**Email:** [Tara.mccready@phri.ca](mailto:Tara.mccready@phri.ca)  
**Website:** <http://www.phri.ca/symposia/>

### 3. Bioinformatics.ca workshops

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Participatory workshop Single session seminar
<b>Length of training:</b>	1 – 5 days
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE)
<b>Availability and fees:</b>	Available at no cost; please contact

**Initiative description:** Bioinformatics.ca is home to all things bioinformatics in Canada. Hosted here are the Canadian Bioinformatics workshops and a bioinformatics career section, as well as bioinformatics community resources and information.

#### Contact Information

**Host institution:** Ontario Institute for Cancer Research  
**Initiative lead:** Francis Ouellette  
**Initiative Coordinator:** Michelle Brazas  
**Email:** [Michelle.brazas@oicr.on.ca](mailto:Michelle.brazas@oicr.on.ca)  
**Website:** [www.bioinformatics.ca](http://www.bioinformatics.ca)

## 4. Canadian Child Health Clinician Scholar Program

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning Participatory workshop Single session seminar Annual and regional symposia
<b>Length of training:</b>	3-4 years
<b>Content:</b>	Knowledge translation and exchange (KTE) Leadership in research Patient partnerships
<b>Availability and fees:</b>	Could be made available; please contact
<i>This initiative may count toward a graduate degree program.</i>	

**Initiative description:** We provide KT workshops and ongoing KT mentorship, centre based curriculum, annual and topic-focused mini-symposia, mentorship, yearly evaluation, and international partnership opportunities (TULIPS, PSDP).

### Contact Information

**Host institution:** Sickkids and all 17 Canadian Pediatric Health Science Centres  
**Initiative lead:** Nicola Jones  
**Initiative Coordinator:** Linda Pires  
**Email:** [Linda.pires@sickkids.ca](mailto:Linda.pires@sickkids.ca)  
**Website:** <http://cchcsp.ca/>

## 5. CIHR Strategic Training Program in Vascular Research

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning
<b>Length of training:</b>	2 years
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research
<b>Availability and fees:</b>	Could be made available; please contact
<i>This initiative may count toward a graduate degree program.</i>	

**Initiative description:** Vascular Imaging Techniques gives students from the biological sciences a basic primer on the imaging modalities used for the vascular system and broadens the knowledge of these different imaging modalities for students from the engineering and imaging fields. Research Ethics and Biostatistics covers the important guidelines and requirements related to research ethics, the basics of setting up and running pre-clinical and clinical trials, including two modules on biostatistics.

### Contact Information

**Host institution:** Western University  
**Initiative lead:** Aaron Fenster  
**Initiative Coordinator:** Jackie Williams  
**Email:** [jwilliams@robarts.ca](mailto:jwilliams@robarts.ca)  
**Website:** [http://www.robarts.ca/CIHR\\_VTP/](http://www.robarts.ca/CIHR_VTP/)

## 6. Collaborative Training Program in Musculoskeletal Health Research

<b>Primary audience(s):</b>	Researchers and research trainees Health care provider
<b>Delivery method(s):</b>	Participatory workshop National research conference Annual research retreat Monthly seminar series
<b>Length of training:</b>	Trainees engaged throughout graduate degree
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research
<b>Availability and fees:</b>	Could be made available; please contact
<i>This initiative may count toward a graduate degree program.</i>	

**Initiative description:** The Collaborative Training Program in Musculoskeletal Health Research (CMHR) provides undergraduate summer students, graduate students, postdoctoral fellows and clinician scientists in training an innovative, integrated curricula focused on core concepts associated with biomedical, engineering, clinical and health services research in bone and joint health.

### Contact Information

**Host institution:** Western University  
**Initiative lead:** Trevor Birmingham, Cheryle Seguin  
**Initiative Coordinator:** Shannon Woodhouse  
**Email:** [cmhruwo@uwo.ca](mailto:cmhruwo@uwo.ca)  
**Website:** <http://www.cmhr.uwo.ca>

## 7. Consensus Conference on Nutrition

<b>Primary audience(s):</b>	Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Symposia series
<b>Length of training:</b>	3 days
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE)
<b>Availability and fees:</b>	Available at no cost; please contact

### Contact Information

**Host institution:** Population Health Research Institute  
**Initiative lead:** Tara McCreedy  
**Initiative Coordinator:** Tara McCreedy  
**Email:** [Tara.mccready@phri.ca](mailto:Tara.mccready@phri.ca)  
**Website:** <http://www.phri.ca/>

## 8. End of Grant KT

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Participatory workshop
<b>Length of training:</b>	3 hours
<b>Content:</b>	Knowledge translation and exchange
<b>Availability and fees:</b>	Available for a fee

**Initiative description:** The aim of the End of Grant KT workshop is to provide tools for grant writers to assist in the end of grant KT component of their grants. Course attendees will use their own grants to develop an end of grant KT plan.

The target audiences for the course are:

- Scientists interested in learning more about end of grant KT
- Trainees learning to write grants
- Research staff who write grants

Course cost: \$150 (\$50 for students and fellows).

### Contact Information

**Host institution:** KT Canada  
**Initiative lead:** Sharon Straus  
**Website:** <http://ktclearinghouse.ca/ktcanada>



## 9. Excellence in Radiation Research for the 21<sup>st</sup> Century

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Participatory workshop
<b>Length of training:</b>	1-2 years
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research
<b>Availability and fees:</b>	Not publically available; please contact
<i>This initiative may count toward a graduate degree program.</i>	

### Contact Information

**Host institution:** University of Toronto, Department of Radiation Oncology  
**Initiative lead:** Fei-Fei Liu, Marianne Kortizinsky, C. Anne Koch  
**Initiative Coordinator:** Emily Milne  
**Email:** [Emily.milne@rmp.uhn.on.ca](mailto:Emily.milne@rmp.uhn.on.ca)

# 10. Health Systems Learning

<b>Primary audience(s):</b>	Policy makers and managers Researchers and research trainees Staff of stakeholder groups (e.g. regulatory colleges, professional associations)
<b>Delivery method(s):</b>	Online or in-person course
<b>Length of training:</b>	1 hour – 5 days
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research
<b>Availability and fees:</b>	Available for a fee; please contact
<i>This initiative may count toward an undergraduate degree program and Continuing Professional Development programs.</i>	

**Initiative description:** This program currently has two available courses: 1) Finding and Using Research Evidence to Inform Decision-making in Health Systems and Organizations; and 2) Setting Agendas and Developing and Implementing Policies.

**Contact Information**

**Host institution:** McMaster University  
**Initiative lead:** John Lavis  
**Initiative Coordinator:** James McKinlay  
**Email:** [mckinlj@mcmaster.ca](mailto:mckinlj@mcmaster.ca)  
**Website:** <http://www.healthsystemslearning.org>

## 11. ICES Western Faculty Scholars Program

<b>Primary audience(s):</b>	Health care providers Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning One-on-one support Bi-weekly seminars
<b>Length of training:</b>	2 years
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research
<b>Availability and fees:</b>	Could be made available; please contact
<i>This initiative may count toward CME credit and counts towards application to become and ICES Scientist.</i>	

**Initiative description:** The program’s purpose is to foster faculty of regional universities (Western and Windsor) in their desire to be ICES Scientists. During the two year program, scholars will complete at least one ICES project and be co-investigators on at least one other project. Scholars also receive training, mentorship, and epidemiologic and analytic supports to help complete their projects.

### Contact Information

**Host institution:** Institute for Clinical Evaluative Sciences & Western University  
**Initiative lead:** Salimah Shariff  
**Initiative Coordinator:** Salimah Shariff  
**Email:** [Salimah.shariff@ices.on.ca](mailto:Salimah.shariff@ices.on.ca)  
**Website:** <http://www.ices.on.ca/Research/Information-for-researchers/Faculty-Scholars-Program>

## 12. Introduction to ICES

<b>Primary audience(s):</b>	Health care providers
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	30 mins
<b>Content:</b>	Introduction to databases at ICES
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:** The course material is in the form of a PowerPoint presentation and is at an introductory level. Presentation could be made available. Please contact.

### Contact Information

**Host institution:** Institute for Clinical Evaluative Sciences

**Initiative lead:** Ruth Croxford

**Initiative Coordinator:** Ruth Croxford

**Email:** [Ruth.croxford@ices.on.ca](mailto:Ruth.croxford@ices.on.ca)

**Website:** <http://www.ices.on.ca/>

## 13. Introduction to SAS

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	1 hour
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:** The course material is in the form of a PowerPoint presentation and is at an introductory level. Presentation could be made available. Please contact.

### Contact Information

**Host institution:** Institute for Clinical Evaluative Sciences

**Initiative lead:** Ruth Croxford

**Initiative Coordinator:** Ruth Croxford

**Email:** [Ruth.croxford@ices.on.ca](mailto:Ruth.croxford@ices.on.ca)

**Website:** <http://www.ices.on.ca/>

## 14. Introduction to Systematic Review and Meta-Analysis

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning
<b>Length of training:</b>	4-5 hours
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Available for a fee

**Initiative description:** This online course covers 16 modules. Each module consists of a video presentation, 3-5 mandatory readings, optional readings, and a mandatory quiz. There are two assignments related to developing a systematic review question and protocol. The students will have three months to complete the course and we will provide high-level methodological support for the review, including a consultation with an experienced librarian and a consultation with an experienced biostatistician. Fee: \$1600

### Contact Information

**Host institution:** Knowledge Translation Program, St. Michael's Hospital  
**Website:** [www.knowledgetranslation.net](http://www.knowledgetranslation.net)

## 15. Knowledge Translation Canada

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	NA
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE)
<b>Availability and fees:</b>	Available for a fee; please contact
<i>This initiative may count toward a graduate degree program.</i>	

**Initiative description:** Knowledge Translation Canada is a network of Canadian experts in knowledge translation joining forces to tackle the greatest challenge in health care today: the fact that although there is a great deal of health research being conducted, there is a gap in applying the results at the patient's bedside and in every day health decisions.

### Contact Information

**Host institution:** St. Michael's Hospital & University of Toronto  
**Initiative lead:** Sharon Straus  
**Initiative Coordinator:** Wai-Hin Chan  
**Email:** [chanw@smh.ca](mailto:chanw@smh.ca)  
**Website:** <http://ktclearinghouse.ca/ktcanada>

## 16. KT Basics

<b>Primary audience(s):</b>	Health care providers Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Participatory workshop
<b>Length of training:</b>	16 hours
<b>Content:</b>	Knowledge translation and exchange
<b>Availability and fees:</b>	Available for a fee

**Initiative description:** This two day course will focus on specific objectives and will include a mixture of didactic and interactive learning and lead to the completion of a project proposal.

The course will use the Knowledge to Action Cycle as a framework: [www.cihr-irsc.gc.ca/e/39033.html](http://www.cihr-irsc.gc.ca/e/39033.html)

This course will provide participants with the understanding and tools to increase the impact of your knowledge translation (KT) activities.

The purpose of this course is to:

- Learn the basics of putting knowledge into action
- Apply the basics of knowledge translation to a project relevant to your own setting
- Build capacity in the practice of knowledge translation
- Skills support (methodology, evaluation, needs assessments etc.) will be available to participants as they complete their project plans

Course cost: \$600

### Contact Information

**Host institution:** KT Canada  
**Initiative lead:** Sharon Straus  
**Website:** <http://ktclearinghouse.ca/ktcanada>



## 17. KT Canada National Seminar Series

<b>Primary audience(s):</b>	Health care providers Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	1 hour
<b>Content:</b>	Knowledge translation and exchange
<b>Availability and fees:</b>	Available at no cost; please contact

**Initiative description:** The KT Canada Seminar Series is an expert-led series dedicated to current and emerging topics in KT. Sessions are broadcasted nationally via videoconference and live webcast on the second Thursday of every month (September to May) at 12:00 pm ET and are also available as archived webcasts.

### Contact Information

**Host institution:** KT Canada  
**Initiative lead:** Sharon Straus  
**Website:** <http://ktclearinghouse.ca/ktcanada/education/seminarseries>

# 18. KT Canada Summer Institute

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Participatory workshop
<b>Length of training:</b>	2.5 days
<b>Content:</b>	Knowledge translation and exchange
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:** The KT Canada Summer Institute creates a working environment wherein students can interact with and learn from researchers in the area of knowledge translation and fosters a research network of future young investigators from interdisciplinary backgrounds. We bring together the country's top graduate students, post-doctoral fellows, scholars and decision makers to provide a strategic, capacity-building workshop on KT. Each year, a competition is held for applications to the SI.

Trainees: Free; Junior faculty: \$1000

**Contact Information**

**Host institution:** KT Canada  
**Initiative Lead:** Sharon Straus  
**Initiative coordinator:** Vanessa Lybanon-Daigle & Meghan Story  
**Email:** [vlybanondaigle@ohri.ca](mailto:vlybanondaigle@ohri.ca) & [storeym@smh.ca](mailto:storeym@smh.ca)  
**Website:** <http://kclearinghouse.ca/ktcanada/education/summerinstitute>

## 19. Monthly Research Methodology Videoconference

<b>Primary audience(s):</b>	Policy makers and managers
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	2 hours
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE)
<b>Availability and fees:</b>	Available at no cost

### Contact Information

**Host institution:** Population Health Research Institute  
**Initiative lead:** Tara McCreedy  
**Initiative Coordinator:** Tara McCreedy  
**Email:** [Tara.mccready@phri.ca](mailto:Tara.mccready@phri.ca)  
**Website:** <http://www.phri.ca/>

## 20. Ontario Brain Institute Entrepreneurs & Management Training Program

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning Participatory workshop Single session seminar
<b>Length of training:</b>	1 year
<b>Content:</b>	Business focus
<b>Availability and fees:</b>	Could be made available; please contact
<i>The completion of this initiative result in a certificate.</i>	

**Initiative description:** There is a genuine need for training programs that can harness the talents of these highly qualified personnel. That’s why we’ve created the entrepreneurship and management program focused on helping neuroscientists bridge the gap between academia and industries operating beyond the bench. The aim of this initiative is to:

- Build capacity for a knowledge-based economy in Ontario.
- Create expertise in a determined area of need in Ontario: the management of neuroscience research, knowledge translation, and commercialization of neuroscience.
- Increase employment options for neuroscientists – qualifying them for high-quality jobs that contribute to a knowledge-based economy.

### Contact Information

**Host institution:** Ontario Brain Institute  
**Initiative lead:** Garth Smith  
**Initiative Coordinator:** Ricky Chan  
**Email:** [RChan@braininstitute.ca](mailto:RChan@braininstitute.ca)  
**Website:** <http://www.braininstitute.ca/entrepreneurship-management-training>

## 21. Ontario Brain Institute KT Training Program

<b>Primary audience(s):</b>	Patients and their families Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning Participatory workshop Single session seminar
<b>Length of training:</b>	1 year
<b>Content:</b>	Knowledge translation and exchange (KTE) Leadership in research Patient partnerships
<b>Availability and fees:</b>	Could be made available; please contact
<i>The completion of this initiative result in a certificate.</i>	

**Initiative description:** Knowledge Translation (KT) and Outreach allow novel ideas, knowledge, and stories to be shared within OBI's Innovation System and with the rest of the world. KT closes the gap between “what we know” and “what we do” ensuring the translation of research into better care, whether it takes the form of improved treatment protocols or simply a new common understanding. Outreach helps forge new collaborations and strengthen existing partnerships. It is how the patient perspective is woven into brain research.

### Contact Information

**Host institution:** Ontario Brain Institute  
**Initiative lead:** Kirk Nylan  
**Initiative Coordinator:** Jenine Paul  
**Email:** [JPaul@braininstitute.ca](mailto:JPaul@braininstitute.ca)  
**Website:** <http://www.braininstitute.ca/knowledge-translation-and-outreach>

## 22. Ontario Drug Policy Research Network (ODPRN) Student Training Program

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning
<b>Length of training:</b>	1 year
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in Research
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:** This program allows students to work with a group of expert researchers across five Ontario universities to conduct drug policy research projects. Other program components include webinars and faculty presentations on their projects and common research methodologies, respectively. Besides the funded students, we have had over 60 unfunded students involved with at least one program component over the last 4 years. Various resources have been developed and are available to students in the program, including guides to common methodology, ICES database resources and manuscript/report writing resources specific to ODPRN. We also have research minutes that are tailored to patients, clinician and policy makers publically available on our website.

### Contact Information

**Host institution:** St. Michael's Hospital & Institute for Clinical Evaluative Sciences

**Initiative lead:** Tara Gomes, Muhammad Mamdani, Amit Garg

**Initiative Coordinator:** Danielle Nash

**Email:** [Danielle.nash@ices.on.ca](mailto:Danielle.nash@ices.on.ca)

**Website:** <http://odprn.ca/about-the-odprn/student-training/>

## 23. OSSU Masterclass in Patient Oriented Research

<b>Primary audience(s):</b>	Patients and their families Health care providers Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Participatory Workshops
<b>Length of training:</b>	3 days
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in Research Patient Partnerships
<b>Availability and fees:</b>	Available at no cost; please contact

**Initiative description:** The masterclass is designed to prepare future champions for the conduct and use of patient-oriented research in Ontario's health system and future mentors to others becoming involved in the conduct and use of patient-oriented research.

Objectives:

- To develop the competencies needed to support the conduct and use patient-oriented research in Ontario
- To become familiar with the additional training and other supports available in Ontario to conduct and use patient-oriented research
- To identify ways that you, your organization and other organizations with whom you work can better support the conduct and use of patient-oriented research in the future and monitor and evaluate your efforts

### Contact Information

**Host institution:** Ontario SPOR SUPPORT Unit and McMaster Health Forum  
**Initiative lead:** John Lavis  
**Email:** [hslearn@mcmaster.ca](mailto:hslearn@mcmaster.ca)  
**Website:** <https://www.mcmasterhealthforum.org/citizens/masterclass-patient-oriented-research>

## 24. Ontario Stroke Network Evaluation Training Program

<b>Primary audience(s):</b>	Patients and their families Health care providers Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Participatory workshop
<b>Length of training:</b>	2 hours
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE)
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:**

**Objectives:**

- Introduction to the OSN evaluation program and define
- Define data sources to evaluate the Ontario Stroke System and statistical terms used in the evaluation of stroke care.
- Describe the methods for selecting stroke report card indicators
- Define the indicators
- Describe Benchmark calculations and colour banding for indicators.

**Contact Information**

**Host institution:**

Ontario Stroke Network

**Website:**

<http://ontariostrokenetwork.ca/>



## 25. Patient Engagement in Research Training Series

<b>Primary audience(s):</b>	Researcher and research trainees
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	1 hour
<b>Content:</b>	Patient partnerships
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** The Ottawa Methods Centre’s Strategy for Patient-Oriented Research group is collaborating with various provincial experts in patient-oriented research to offer a series of informative webinars.

The focus is on providing researchers with the “how-to” and basics of undertaking patient-oriented research. Expect helpful lessons on research methods and approaches to achieving meaningful patient engagement in your research.

### Contact Information

**Host institution:** Ottawa Methods Centre

**Email:** [jganton@ohri.ca](mailto:jganton@ohri.ca)

**Website:** <http://www.ohri.ca/newsroom/seminars/Seminars.aspx>

## 26. Pragmatic KT Trials

<b>Primary audience(s):</b>	Researcher and research trainees
<b>Delivery method(s):</b>	Participatory workshop
<b>Length of training:</b>	16 hours
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Available for a fee

**Initiative description:** The purpose of the 2 day workshop is to review the stages of trial design, from conceiving the question, to defining the intervention and comparators, to estimating the required sample size and developing a logistics plan. Interspersed with the short didactic and discussion review sessions are longer sessions during which you can draft your own protocol for a pilot trial, or even a large definitive trial, of your intervention and discuss it with colleagues doing exactly the same thing, led by experienced trialists, in a supportive environment. Participants must have a KT trial question in order to participate in the course.

The registration fee is \$600.

### Contact Information

**Host institution:** KT Canada  
**Initiative lead:** Sharon Straus  
**Website:** <http://ktclearinghouse.ca/ktcanada>

## 27. Qualitative Research Methods for Clinicians Interested in Medical Education Research

<b>Primary audience(s):</b>	Health care providers
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	2 hours
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:** Ongoing involvement with clinician-researcher groups in two departments: Department of Medicine, Department of Family Medicine at McMaster University. Meredith Vanstone has facilitated formal research methods workshops and participates in clinician-researcher meetings on a regular basis, providing methodological consultation and support.

### Contact Information

**Host institution:** McMaster University  
**Initiative lead:** Meredith Vanstone  
**Initiative Coordinator:** Meredith Vanstone  
**Email:** Meredith.vanstone@mcmaster.ca

## 28. Research Operations Rounds

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	1 hour
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** The research operations seminar series focuses on writing grants; reviewing grants; preparing presentations, grants, ethics submissions, and manuscripts; and retrieving relevant literature and discussing ethical issues in KT research and project management. Trainees are also given the opportunity to present their research projects in order to obtain feedback from their peers.

### Contact Information

**Host institution:** KT Canada  
**Initiative lead:** Sharon Straus  
**Website:** <http://ktclearinghouse.ca/ktcanada>

## 29. Tobacco and Public Health: From Theory to Practice

<b>Primary audience(s):</b>	Health care providers Public health practitioners
<b>Delivery method(s):</b>	Web-based learning
<b>Length of training:</b>	12 hours
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Available at no cost; please contact
<i>This initiative may count toward TEACH program credits.</i>	

**Initiative description:** Developed by leading tobacco control experts, this online course is offered by the Ontario Tobacco Research Unit (OTRU). The course is designed for busy public health professionals who want to be more effective in their tobacco control work. This course offers evidence-based information on tobacco control science, policy, and practice and evaluation. The course is offered free of charge in both English and French.

### Contact Information

**Host institution:** University of Toronto; Centre for Addiction and Mental Health

**Initiative lead:** Robert Schwartz

**Initiative Coordinator:** Pamela Kaufman

**Email:** Pamela.Kaufman@camh.ca

**Website:** <http://tobaccocourse.otru.org>

## 30. Transdisciplinary Understanding and Training on Research – Primary Health Care

<b>Primary audience(s):</b>	Health care providers Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning Participatory workshop
<b>Length of training:</b>	1 year
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research
<b>Availability and fees:</b>	Available at no cost; please contact
<i>This initiative may count toward a graduate degree program and CME credit.</i>	

**Initiative description:** TUTOR-PHC is a one-year, pan-Canadian, interdisciplinary research capacity building program that trains primary and integrated health care researchers and decision-makers from family medicine, nursing, psychology, epidemiology, social work, education, policy and many other disciplines in primary health care research skills and interdisciplinary theory and processes. Some course material is available online free of charge. The full program runs annually with a competitive trainee selection process.

### Contact Information

**Host institution:** Western University & 17 University and Institutional Partners  
**Initiative lead:** Moira Stewart  
**Initiative Coordinator:** Robert VanHoorn  
**Email:** tutor@uwo.ca  
**Website:** <http://www.uwo.ca/fammed/csfm/tutor-phc/>

## 31. Women’s Xchange Consultation Service

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Consultation
<b>Length of training:</b>	NA
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research Patient partnerships
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:** Women’s Xchange provides two types of consultative services. The first service is available to \$15K Challenge grant applicants and provides guidance on research methodologies, knowledge translation strategies and appropriate strategies of community (“patient”) involvement on research. The second services is for researchers looking to incorporate a sex and gender lens in their studies. We review proposals, attend team meetings, suggest appropriate methodologies and knowledge translation strategies and build overall capacity of teams to understand and use a sex and gender research lens.

### Contact Information

**Host institution:** Women’s College Hospital  
**Initiative lead:** Paula Rochon  
**Initiative Coordinator:** Stephanie Lagosky  
**Email:** [Stephanie.lagosky@wchospital.ca](mailto:Stephanie.lagosky@wchospital.ca)  
**Website:** <http://womensxchange.womensresearch.ca/>

## 32. Women's Xchange Events

<b>Primary audience(s):</b>	Policy makers and managers Researchers and research trainees Community organizations
<b>Delivery method(s):</b>	Single session seminar
<b>Length of training:</b>	1 day
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Leadership in research Patient partnerships Sex, gender, equity
<b>Availability and fees:</b>	Could be made available; please contact

**Initiative description:** Women's Xchange events cover a wide range of topics, usually chosen by our target audience. All events share knowledge and/or build capacity to conduct better women's health research. Past topics include: building the future of leadership in women's health, doing community based research (challenges and solutions), integrating sex and gender consideration in research, innovative knowledge translation strategies (social media, film, theatre, photography), and doing research with marginalized and hard to reach communities. Events are well-attended and positively reviewed. Results of community based women's health research projects are also shared via video screenings.

### Contact Information

**Host institution:** Women's College Hospital  
**Initiative lead:** Paula Rochon  
**Initiative Coordinator:** Stephanie Lagosky  
**Email:** [Stephanie.lagosky@wchospital.ca](mailto:Stephanie.lagosky@wchospital.ca)  
**Website:** <http://womensxchange.womensresearch.ca/>



## Online Resources

### 33. Applied Health Research Questions Guidelines

<b>Primary audience(s):</b>	Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Online resources
<b>Length of training:</b>	NA
<b>Content:</b>	Research methods and key competencies
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** An Applied Health Research Questions AHRQ is a question posed by a health system policy maker or provider in order to obtain research evidence to inform planning, policy and program development that will benefit the broader Ontario health system. The Planning, Research and Analysis Branch in the Health System Strategy and Policy Division of the Ministry of Health and Long-Term Care (MOHLTC) supports leading edge health research and knowledge translation activities for the benefit of the Ontario health system. This research provides data, analyses and knowledge to help build a strong, evidence-based foundation for innovation and decision making to improve the Ontario health care system. The funding agreements established by the Planning, Research and Analysis Branch require most research institutes, centres and projects to set aside a portion of their annual MOHLTC research funding towards AHRQs.

**Contact Information**

**Host institution:**

Ministry of Health and Long Term Care

**Website:**

<http://www.health.gov.on.ca/en/pro/ministry/research/ahrq.aspx>

## 34. Data Dictionary

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Web-based learning
<b>Length of training:</b>	NA
<b>Content:</b>	Details of data elements
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** The data dictionary contains detailed information on every data element held in the ICES Data Repository. Save for a small number of technical details, all of the information is available publically.

### Contact Information

**Host institution:** Institute for Clinical Evaluative Sciences  
**Initiative lead:** Kathy Sykora  
**Initiative Coordinator:** Mahmoud Azimae  
**Email:** [Mahmoud.azimae@ices.on.ca](mailto:Mahmoud.azimae@ices.on.ca)  
**Website:** <http://www.ices.on.ca/Data-and-Privacy/ICES-data/Data-dictionary>

## 35. Health Equity Impact Assessment Tool

<b>Primary audience(s):</b>	Policy makers and manager Researchers and research trainees
<b>Delivery method(s):</b>	Online resource
<b>Length of training:</b>	NA
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** Health Equity Impact Assessment (HEIA) is a decision support tool which walks users through the steps of identifying how a program, policy or similar initiative will impact population groups in different ways. HEIA surfaces unintended potential impacts. The end goal is to maximize positive impacts and reduce negative impacts that could potentially widen health disparities between population groups — in short, more equitable delivery of the program, service, policy etc. Effective use of HEIA is dependent on good evidence.

### Contact Information

**Host institution:**

Ministry of Health and Long Term Care

**Website:**

<http://www.health.gov.on.ca/en/pro/programs/heia/>

## 36. OHRI Patient Decision Aid Website

<b>Primary audience(s):</b>	Patients and their families Health care providers Researchers and research trainees
<b>Delivery method(s):</b>	Online resource
<b>Length of training:</b>	NA
<b>Content:</b>	Patient decision making
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** Patient decision aids are tools that help people become involved in decision making by making explicit the decision that needs to be made, providing information about the options and outcomes, and by clarifying personal values. They are designed to complement, rather than replace, counseling from a health practitioner.

The Ottawa Hospital Research Institute (OHRI) Patient Decision Aid website includes a searchable repository of patient decision aids (for specific conditions and for decision making in general), conceptual frameworks, development and implementation toolkits and a new module for Ottawa Patient Decision Aid Development eTraining.

### Contact Information

**Host institution:** Ottawa Hospital Research Institute  
**Website:** <https://decisionaid.ohri.ca>

## 37. Patients Canada Resources

<b>Primary audience(s):</b>	Patients and their families
<b>Delivery method(s):</b>	Online resource
<b>Length of training:</b>	NA
<b>Content:</b>	Patient partnerships
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** Patients Canada (formerly the Patients' Association of Canada) was formed in 2011 to help bring the voice of patients and caregivers to healthcare in Canada. We are patient-led and patient-governed. Each of us has a story to tell and we want to make our healthcare experiences count. We are a member organization that works with healthcare providers and like-minded organizations to encourage the engagement of patients and caregivers in all aspects of healthcare.

### Contact Information

**Host institution:**

Patients Canada

**Website:**

<http://www.patientscanada.ca>

## 38. Primary Health Care Patient Engagement Resource Centre

<b>Primary audience(s):</b>	Researchers and research trainees
<b>Delivery method(s):</b>	Online resource
<b>Length of training:</b>	NA
<b>Content:</b>	Patient partnerships
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** The goal of the Primary Health Care Patient Engagement Resource Centre is to help primary health care researchers in Ontario meaningfully engage patients in their research. The Resource Centre is primarily intended to support primary health care researchers to build patient partnerships to undertake patient oriented research.

The **objectives of the Resource Centre** are to:

- . Enhance the awareness, knowledge and skills of primary health care researchers in patient engagement for research
- . Facilitate the linkage of primary health care researchers with patients, communities and organizations that are willing to collaborate for research
- . Provide a collaborative platform for primary health care researchers in Ontario with an interest in patient engagement in research
- . Contribute to the knowledge base of patient engagement in primary health care research

### Contact Information

**Host institution:**

INSPIRE-PHC

**Website:**

<http://www.patientengagement-phcresearch.com/>

## 39. Research Evidence Tool

<b>Primary audience(s):</b>	Policy makers and managers Researchers and research trainees
<b>Delivery method(s):</b>	Online resource
<b>Length of training:</b>	NA
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE)
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** The Research Evidence Tool (RET) is a one page template created to support evidence-informed policy, strategy and decision making. The main objective of the RET is to ensure that policy staff make full use of existing research evidence and data from key internal and external sources. Since 2010, the RET has been mandatory for all MOHLTC policy development work intended for MOHLTC Ministry Management Committee and/or Cabinet. It has been adopted as a best practice tool for all Ontario provincial ministries.

The RET includes: a section for the 5-7 most relevant facts/findings from research evidence, tick boxes to identify the sources consulted (e.g., specific ministry resources, Cochrane, [www.healthsystemsevidence.ca](http://www.healthsystemsevidence.ca) etc.), a space to list the jurisdictions for which relevant evidence was found, tick boxes to indicate what types of evidence comprise the evidence base (e.g., systematic reviews, randomized controlled trials, grey literature, etc.). There is also a RET Appendix with emails/links/contact information for the recommended sources of evidence

### Contact Information

**Host institution:** Ministry of Health and Long Term Care



## 40. Women's Xchange Website Resources

<b>Primary audience(s):</b>	Researchers and research trainees Community organizations
<b>Delivery method(s):</b>	Online resource
<b>Length of training:</b>	NA
<b>Content:</b>	Research methods and key competencies Knowledge translation and exchange (KTE) Patient partnerships Sex, gender, equity
<b>Availability and fees:</b>	Available at no cost

**Initiative description:** New resources are posted on the Women's Xchange website on an ongoing basis and are selected and vetted by the Women's Xchange team prior to being posted. Resources on sex, gender, equity, and community-based research come from a wide variety of sources, including the MOHLTC, CIHR, and WHO. A number of funding agencies refer their applicants to our resources, We see evidence of the use of our resources on \$15K Challenge applications, direct contact from researchers who wish to use them, and through Google analytics of the resource pages on our website.

### Contact Information

**Host institution:** Women's College Hospital  
**Initiative lead:** Paula Rochon  
**Initiative Coordinator:** Stephanie Lagosky  
**Email:** [Stephanie.lagosky@wchospital.ca](mailto:Stephanie.lagosky@wchospital.ca)  
**Website:** <http://womensxchange.womensresearch.ca/>