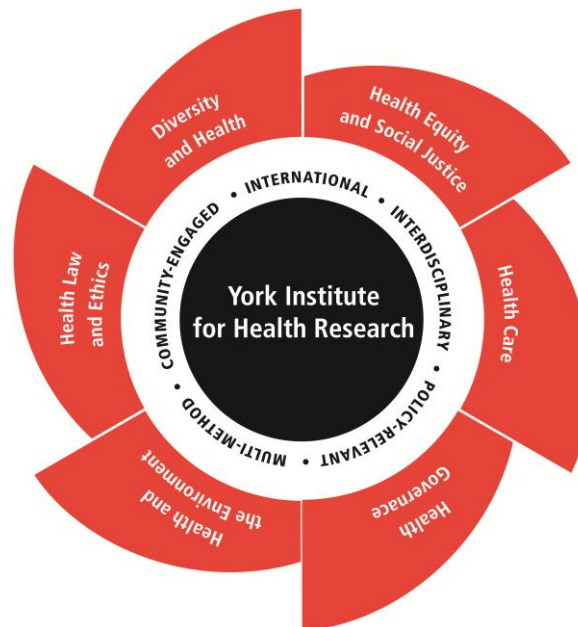


Annual Report
for Organized Research Units

Office of the Vice-President Research & Innovation
York University

York Institute for Health Research (YIHR)
Annual Report
May 1, 2013 – April 30, 2014



YIHR: mobilizing community-engaged and policy relevant health equity research across disciplines and around the world.

Contact Information

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1. Faculty Representation:

Please see Section 5 (*Membership and Governance*) for a full list of YIHR faculty representation. There are currently 35 active faculty members. Active members are those who have taken an active role in the YIHR in the last year, either through sitting on committees (e.g., executive) or participating as a team member on institute research grants.

2. Charter dates:

First Charter 1990; Last Renewal 03/2005 (SCOR Review); Submission of Charter Application November 2013

3. Mandate

The York Institute for Health Research (YIHR) has a mandate to facilitate, support and conduct health research under six broad themes: Diversity and Health; Health Law and Ethics; Health and the Environment; Health Governance; Health Care and Health Equity; and Social Justice. YIHR facilitates, supports, and conducts research under these themes through the lenses of community engagement, interdisciplinarity, internationality, multi-method approaches and policy relevance. YIHR promotes integrated, practical and multidisciplinary health research by drawing together and supporting a range of social, environmental, biomedical and behavioural scientists, as well as researchers from business, law, education, fine arts, the humanities, the mathematical and the physical sciences and by providing resources to facilitate large collaborative and/or complex research projects.

4. Membership and Governance

Summary of Membership		
YIHR Members	Number of people	Notes
Executive Members	11	7 Faculties
Active Faculty Members	35	8 Faculties
Students Positions	52	15 Postdoc, 33 Grads, 2 Undergrad
Research Staff/Assistants	35	
Partners	75	*Not all of international partners are included on this list.

See Appendix 1 for a list of Members.

5. Annual Progress in Fulfilling Mandate

Facilitating, supporting and conducting multidisciplinary health research

The York Institute for Health Research (YIHR) has fulfilled its mandate in facilitating, supporting, and conducting interdisciplinary health research. The recently submitted YIHR Charter application provided an opportunity for faculty to reflect on the value of YIHR at York University. A highlighted achievement is YIHR's expertise in project administration and management, and grant development (including proposal and budget development and navigating York and funders' policies and processes). This strength is particularly important for the success of large, multidisciplinary and international grants and for supporting emerging scholars in developing health research. YIHR has shown success in using a business model to encourage growth and be sustainable while maintaining a focus on academic integrity, commitment to training and community engagement.

From May 2013 to April 2014, YIHR submitted 23 research proposals. Notable successful grants in the last year have included a Grand Challenges Canada funded project, *A community-based mental health intervention for maternal mental health in Rwanda* (PI: Michaela Hynie) and an additional phase of the decade long Disability Rights Promotion International (DRPI) project, *Building a Human Rights Monitoring System in the field of Disability* (PI: Marcia Rioux) funded by the Swedish International Development Agency. YIHR has had a successful year administering 32 research projects (see APPENDIX 1 – PART A for list of ongoing projects). YIHR continues to successfully host seven independent research initiatives including: Disability Rights Promotion International (DRPI); National Network on Environment and Women's Health (NNEWH); Re-Imagining Long Term Residential Care (RELTC); Center for Disease Modelling (CDM); Program Evaluation Unit; Taking Action (TA); Grief Reconciliation Initiative (GRI), as well as several individual projects. YIHR has also recently welcomed a new initiative, the International Consortium on Anti-Virals (ICAV).

YIHR continues to draw faculty members from different disciplines and backgrounds to bridge faculty gaps. We currently have 35 active faculty members from eight different faculties. YIHR fosters collaborative relationships with researchers at the Centre for Refugee Studies, LaMarsh Centre for Child and Youth

Research, and the Institute for Research on Learning Technologies. For instance, in the last year, DRPI is collaborating with the Institute for Research on Learning Technologies (IRLT) on existing grants, as well as developing new applications.

YIHR extends to large networks of external partners and collaborators including those in academia, industry, community, government and international institutions. The new addition of ICAV, a not-for-profit drug development company, illustrates continued collaboration between academia and other sectors. Another new collaboration between the Ontario College of Art and Design (OCAD) and DRPI has formed to develop new ways to make research fully accessible online adapting to diversity in language, abilities and context. Other YIHR partners include the Public Health Agency of Canada, InfoMagnetics Technologies Corporation, YMCA of Greater Toronto, Ottawa's Bruyère Research Institute, and the United Nations Development Programme-Global Environment Facility Small Grants Programme (UNDP-GEF SGP).

Through Engaged Scholarship

YIHR prides itself in developing research that is community-engaged, policy relevant and knowledge mobilizing in order to make an impact and reach a wide audience. This can be seen in the nature of YIHR's research activity. For instance, Dr. Michaela Hynie won a contract with YMCA of Greater Toronto to evaluate Citizenship and Immigration Canada's client support services (CSS) for government assisted refugees in six cities across Ontario. This evaluation will direct the Canadian government's decisions regarding future settlement programs in Ontario. Dr. Jane Heffernan, a lead researcher for CDM is a lead author on a report entitled *TB in Canada: Detection, Intervention and Compliance*, which contains key policy recommendations for the Public Health Agency of Canada. The NNEWH initiative received press in the Toronto Star on April 30 2014 for their public awareness event, *Nail Salons Toxic and Your Health* that they organized with the California Healthy Nail Salon Collaborative and the Central Toronto Community Health Centres. Dr. Thomas Klassen from the DRPI initiative has contributed to raising awareness of disability rights issues in Canada, including filing a case with the Ontario Human Rights Tribunal, and preparing an expert affidavit for a constitutional challenge with the Workplace Safety and Insurance Appeals Tribunal.

In order to facilitate engaged scholarship, YIHR continuously seeks to share its knowledge through its networks and to outreach to new audiences. From May 2013 to April 2014, YIHR initiative's held 43 workshops/conferences (See APPENDIX 1 – PART B for a list of Conferences and Workshops). YIHR research has built knowledge mobilization activities into its projects including developing postcards, websites and publications (See APPENDIX 1 – PART C for a list of Knowledge Mobilization activities). For example, in the last year, TA developed a training manual for Aboriginal youth leaders to facilitate developing and screening videos on HIV prevention in their communities. The RELTC initiative has published a book, *Troubling Care: Critical Perspectives on Research and Practices*, authored by seven students and seven faculty members.

Developing Training and Mentorship Opportunities

YIHR has been successful in engaging York students in YIHR activities, creating training opportunities on research projects, and consulting student representatives who sit on the Executive Committee. Most notable was the *YIHR Annual Student Symposium* where collaboration was at the forefront. The Symposium was organized in collaboration with Graduate Research Association of Students in Public Health (GRASP) and featuring CDM student research to encourage collaboration between the sciences and social sciences. YIHR initiatives have been successful in developing training opportunities for students and

researchers. CDM organized the MPE 2013 Summer School to encourage developing scientists to become interested in disease modelling and to encourage communication between mathematical modellers and public health scientists and epidemiologists.

6. Objectives for Upcoming Year

YIHR took seriously the suggestion to concentrate on core areas of strength from the review of the 2012-2013 YIHR Annual Report. The YIHR Executive Committee has made the decision to maintain its broad scope. YIHR recognizes the benefit of maintaining its existing values: interdisciplinary, community-engaged, international, multi-method approaches and policy-relevance that have guided research on its wide-ranging themes: Diversity and Health; Health Law and Ethics; Health and the Environment; Health Governance; Health Care and Health Equity; and Social Justice. Commitment to these research values ensures that YIHR maintains and builds upon lasting, ethical, scholarly engaged and innovative research identified by its Executive Committee and consistent with the foundation that YIHR was built upon. These themes have proven to be successful in guiding the scope of YIHR research, inspiring innovative interdisciplinary research while staying adaptive and responsive to emerging research areas. The broad scope of YIHR has reflected the mandate of major funders such as CIHR, NSERC and SSHRC.

YIHR will continue to collaborate with its local, national and international partners in order to discover new areas of research in demand, as well as to consult the YIHR Executive Committee- looking to health experts in faculties across campus. YIHR will also seek to attract one or more of the new York research professorships and Canada Research Chairs by coordinating and inviting them to discussions and seminars with emerging scholars and active YIHR members who have similar or potentially shared research interests.

At the same that YIHR will consult its members on emerging research, YIHR will also map potential research through calls for proposals to match with researchers across the York community. This approach creates a blueprint for bringing in emerging scholars and faculty members who have not previously been principal investigators on grants. As well, this approach has been successful in expanding capacity through bringing together new perspectives to interdisciplinary teams.

Areas in which YIHR foresees expanding include epigenetics, international health, health informatics, health economics, health systems restructuring, health care decision-making, health effects of environmental degradation, workplace health, social determinants of health, labour rights, and program evaluation. An increasing number of research grants targeting these areas, particularly large interdisciplinary and community-based initiatives makes us well situated to pursue these research areas.

Strengthening Outreach

YIHR will continue to promote engaged scholarship through knowledge mobilization activities. YIHR will ensure that it supports and disseminates information on health related events and conference opportunities at York University and externally. Through established methods, YIHR will showcase researchers' work on YIHR website, Facebook page and twitter account, as well as assist researchers in developing knowledge mobilization tools including project summaries and description of new knowledge that emerged from research. YIHR will launch a new and revitalized website in the summer 2014, as well as release quarterly newsletters throughout the year.

A recommendation from external reviewers as part of the Charter Application process included developing the 'branding' identity of YIHR. The YIHR Executive Committee agrees with this recommendation and has identified the following mission: 'YIHR: mobilizing community-engaged and policy relevant health equity research across disciplines and around the world.' It will be up to the new Director to determine if such a mission statement still applies.

The external reviewers also recommended that YIHR improve its communication strategies to reach out to other York faculty, and to strengthen communication between its different active researchers. YIHR has initiated weekly meetings with its research staff to maintain communication and inspire collaborative discussions. In addition, the Executive Committee has proposed organizing an annual YIHR seminar series that highlights an emerging research theme in order to foster outreach and continued collaboration with York faculty. We have identified the potential theme as epigenetics for the next year.

Student Engagement

YIHR has also identified student engagement as an objective for the coming year. YIHR will continue to connect students with diverse faculty members and opportunities in health research. YIHR will post graduate assistantship opportunities across all graduate departments as an outreach strategy and to increase the number of opportunities for students who may be interested in working with YIHR.

YIHR will seek students' active involvement in the annual YIHR seminar series described above. Feedback from YIHR students has illustrated their enthusiasm towards working closely with researchers to develop their research experience. YIHR sees an opportunity in matching students with researchers to present on shared topics at the annual YIHR seminar series. YIHR will look into opportunities for students to receive awards or course credits in order to be recognized for their work with YIHR researchers.

Students working on the YIHR journal, *Health Tomorrow: Interdisciplinarity and Internationality* developed a strategic plan for ensuring the journal's sustainability. The online peer-reviewed journal offers a forum for students to become involved in interdisciplinary health research and share their findings with others in a collegial environment. A recommendation includes offering stipends for the editorial team. YIHR is currently seeking funding opportunities as well as providing coordination support in order to meet the objectives set out in the strategic plan.

Sustainability

The key expectations for YIHR research remain the impacts of its research and its sustainability.

YIHR's key expectations are:

1. YIHR will continue to develop and conduct interdisciplinary, community-engaged, international, multi-method approaches and policy-relevant research.
2. YIHR will continue to draw on multiple sources of funding previously used to be sustainable.
3. YIHR will continue to conduct engaged scholarship.

A template for evaluating those expectations should be developed and will likely be a key initiative in the coming year under the new Director. For example, developing a matrix of populations engaged in research to balance local, provincial, national and international work (the latter divided between the global north and the global south). These matrices will need to be considered with the current topics and principles, developed and endorsed by the Executive that have successfully guided YIHR for the past few years.

7. Other relevant items the Director wishes to report

YIHR has a unique mandate for health research that is interdisciplinary, innovative, wide in scope and is local, national, regional and international. A unique characteristic that sets YIHR apart from other research units among universities is its breadth of research: geographical- from local to international, community- to governance-engagement and across health areas. Together and individually these qualities make YIHR unique.

Marcia Rioux, the current Director is leaving her post. There is currently an on-going search for a new Director for YIHR by VPRI beginning in July 2014.

8. Appendix 1- Member List

9. Appendix 3 – Additional Information about Progress in Fulfilling Mandate

APPENDIX 3 – PART B: CONFERENCES AND WORKSHOPS

APPENDIX 3 – PART C: KNOWLEDGE MOBILIZATION

APPENDIX 3 – PART D: FACILITATING FACULTY AND STUDENT RESEARCH

APPENDIX 3 – PART E: CONTRIBUTIONS TO TEACHING

APPENDIX 3 – PART F: VISITORS

APPENDIX 1 – MEMBER LIST

Initiative	Active Faculty Members	Faculty							
		Health	Environment	LAPS	Fine Arts	Education	Osgoode	Schulich	Science
Director DRPI Director	Marcia Rioux	1							
Associate Director Program Evaluation	Michaela Hynie	1							
Executive	Harris Ali		1						
Executive	Uzo Anucha			1					
Executive RELTC Director	Pat Armstrong			1					
Executive	Sandra Gabriele				1				
Executive	Stephen Gaetz					1			
Executive	Joan Gilmour						1		
Executive	Ron Pearlman								1
Executive Program Evaluation	Mina Singh	1							
Executive CDM Director	Jianhong Wu								
CDM	Jane Heffernan								1
CDM	Neal Madras								1
CDM	Seyed Moghadas								1
CDM	Huaiping Zhu								
DRPI	Annie Bunting	1							
DRPI	Nancy Davis Halifax	1							
DRPI	Rachel Gorman	1							
DRPI	Cameron Graham							1	
DRPI	Celia Haig-Brown					1			
DRPI	Jennifer Jenson					1			
DRPI	Thomas Klassen			1					
DRPI	Amin Mawani							1	
DRPI	David McNab			1					1
NNEWH Director	Dayna Nadine Scott						1		
RELTC	Jacqueline Choiniere	1							

RELTC	Tamara Daly	1							
RELTC	Megan Davies			1					
RELTC	Joel Lexchin	1							
RELTC	Judith MacDonnell	1							
Taking Action Director	Sarah Flicker		1						
YIHR	Dawn Bazely		1						
YIHR	Yvonne Bohr	1							
YIHR	Susan McGrath			1					
YIHR	Ellie Perkins		1						
YIHR	Peter Tsisis			1					
Total Active Members	35	11	4	7	1	3	2	2	5

Research Staff/Research Assistants

Initiative	Research Staff/ Research Assistants	Position
YIHR	Mirela Cojoaca	Centre Coordinator
	Emily Hostland	Projects Coordinator
	Katya Richardson	YIHR Clerk
	Farhana Islam	Research Assistant
CDM	Katya Richardson	CDM Project Coordinator
	Venkata Duvvuri	Research Assistant
DRPI	Bengt Lindqvist	Co-Director, Non-Faculty
	Paula Hearn	Projects Coordinator
	Paul McNab	Projects Coordinator
	Natasha Altin	Research Assistant
	Rachael Dempsey	Research Assistant
	Jon Johnson	Research Assistant
	Paula Pinto	Research Assistant
	Layla Rich	Research Assistant
	Basharat Tayyab	Research Assistant
	Rados Keravica	Europe Regional Officer
	Jose Viera	Latin America Regional Officer
	NNEWH	Ellen Sweeney
Anne Rochon Ford		Project Lead
Jyoti Phartiyal		Projects Coordinator
James Brophy		Research Associate
Tamika Jarrett		Research Assistant
Margaret Keith		Research Associate
Program Evaluation	Alberto Almeida	Research Assistant
	Bianca Dreyer	Research Assistant
	Sheila Htoo	Research Assistant
	Yinka Macaulay	Research Assistant
	Harleen Mann	Research Assistant
	Carolyn Steele Gray	Research Assistant
	Mythri Vijendran	Research Assistant
RELTC	Wendy Winters	Project Coordinator
	Charlotte Rowell	Project Coordinator
	Morgan Seeley	Research Assistant
Taking Action	Jessica Danforth	Research Assistant
	Erin Konsmo	Research Assistant
Total	35	

Student Positions

Initiative	Students	Level		
		Postdoc Fellow	Grad	Undergrad
CDM	Ziwan Deng	1		
	Jian Fang	1		
	Josie Hughes	1		
	Marek Laskowski	1		
	Felicia Magpantay	1		
	Rachelle Miron	1		
	Daniel Munther	1		
	Gunog Seo	1		
	Hongyin Shu	1		
	Yanyu Xiao	1		
	Shu Zhang	1		
	Hossein Zivaripiran	1		
	Tara Bittles		1	
	Lorianne Donato		1	
	Yimin Du		1	
	Tripti Dutta		1	
	Angjelina Konini		1	
	Nemanja Kosovalic		1	
	Chandra Limbu		1	
	Rachael Milwid		1	
	Longhua Wang		1	
	Yujia Wang		1	
	Yong Yang		1	
Don Yu		1		
DRPI	Xuan Thuy Nguyen	1		
	Tammy Bernasky		1	
	Alexis Buettingen		1	
	Cameron Crawford		1	
	Charlene Lindsay		1	
	Graham McDonald		1	
	Gillian Parekh		1	
	Natalie Spagnuolo		1	
	Jennifer Sylvester		1	
	Jessica Vorstermans		1	
	Shahina Manji		1	
	Blair Robins		1	
	RELTC	Alberto Banerjee	1	
Ruth Lowndes		1		
Suzanne Day			1	
Kate Laxer				
Justin Panos				

	Magali Rootham		1	
	Morgan Seeley		1	
	Sandra Smele		1	
	Hazel Hunter			1
Taking Action	Ciann Wilson		1	
	Renee Monachalin		1	
	Jesse Thistle			1
YIHR	Elaine Cagliostro		1	
	Patrick Mbullo		1	
	Taymaz Joneydian		1	
	Anoshe Kugan			1
	Tigran Kanapetyan			1
	Christine Chou		1	
Total Students	52	15	33	4

Partners

Initiative	Partner	Research Team Members	
CDM	InferSystems		
	InfoMagnetics Technologies Corporation		
	Manifold Data Mining Inc.		
	Public Health Agency of Canada		Ping Yan, Senior Scientist
			Nicholas Ogden, Senior Scientist
			Amy Greer, Senior Mathematician
	Queen's University	Troy Day, Professor, Mathematics and Statistics	
	Sanofi Pasteur		
	Simon Fraser University	Charmaine Dean, Professor, Statistics	
	St. Michael's Hospital	Kamran Khan, Medical Epidemiology	
	University of Alberta	Michael Li, Professor, Mathematical Sciences	
	University of British Columbia	Fred Brauer, Professor, Mathematics	
	University of Manitoba	Julien Arino- Professor, Mathematics	
	University of Miami	Shigui Ruan, Professor, Mathematics	
	University of Montreal	Jacques Belair, Professor, Mathematics	
	University of New Brunswick		James Watmough, Professor, Mathematics
			Lin Wang, Professor, Mathematics
	University of Ottawa	Robert Smith, Professor, Mathematics and Statistics	
	University of Toronto	David N. Fisman, Professor, Public Health	
University of Victoria	Pauline van den Driessche, Professor, Computer Science and Mathematics		
Vanderbilt University	Glenn Webb, Professor, Mathematics		
DRPI	Bangladesh Protibandhi Kallyan Somity, Bangladesh	Abdus Sattar Dulal	
	Center for Society Orientation	Goran Loncar, Regional Partner	
	Council for Social Development, India		Sandhya M, Labour Market Barriers Specialist
			Soumya Vinayan, Labour Market Barriers Specialist
	Disabled Persons International – Asia Pacific	Saowalak Thongkuay, Regional Partner -	
	Grand Council Treaty # 3	Debora Lipscombe, Researcher	
	National Federation of the Disabled Nepal	Shudarson Subedi	

	Red por los Derechos de las Personas con Discapacidad	Veronica Gonzalez Bonet, Regional Partner
	Ryerson University	Cyndy Baskin, Researcher, School of Social Work
	Subhi Association for Women with Disabilities (AWWD)	Kuhu Das, Director, Gender Analysis Specialist
	Swadhikaar Center for Disabilities, India	Pavan Muntha
		Anuradha Srinivasan Echambadi
	University of Laval	Normand Boucher, University Leader
	University of Regina	Douglas Durst, Researcher
NNEWH	California Healthy Nail Salon Collaborative	
	Canadian Women's Health Network	
	Central Toronto Community Health Centres	
	Ontario Native Women's Association	
Program Evaluation	Citizenship for Affordable Housing	
	CMHA Ontario	
	Office of the Fairness Commissioner, Ontario	
	School for Social Entrepreneurs--Ontario	
	Toronto Public Library	
	YMCA of greater Toronto area	
	York Region Alliance to End Homelessness	
RELTC	Bergen University College	Frode Jacobsen
	Carleton University	Hugh Armstrong
		Susan Braedley
	McGill University	Annemarie Adamd
	McMaster	Donna Baines
	Queen Mary University of London	Allyson Pollock
	Saint Paul University	Monique Lanoix
	Sozialforschungsstelle	Monika Goldman
	St. Marie University	Martha MacDonald
	Stockholm University	Marta Szebehely
	Trent University	Sally Chivers
		James Struthers
University du Quebec en Outaouais	Paul Leduc Browne	
University of Bristol	Liz Lloyd	

	University of British Columbia	Margaret McGegor
	University of California	Charlene Harrington
	University of Manitoba	Malcolm Doupe
	University of Texas	Pauline Vaillancourt Rosenau
	University of Vechta	Hildegard Theobald
	Wentworth Lodge	Robert James
Taking Action	Native Youth Sexual Health Network	Jessica Danforth
		Erin Konsmo
	McGill University	Claudia Mitchell
	McMaster University	Randy Jackson
	Mount Allison University	Vanessa Oliver
	University of Toronto	June Larkin
YIHR	Access Alliance Multicultural Health and Community Services	
	Central Toronto Community Health Centre	
	Institute for Higher Education India	Ashok Bapna
		Veena Dutta
		Priya Darshini Bakshi, Sie Coordinator
	Rwanda Ministry of Health	
	S.M. Sehgal Foundation	Jane E. Schukoske
		Pradeep K. Mehta
		Sumit Vij, India Site Coordinator
	University of Manitoba	Regine King
	University of Rwanda	UMUBYEYI Benoite,
		GASANGANWA Marie Claire
		MUKAMANA Donatilla
		UMUZIGA Providence
		NYIRAZINYOYE Laetitia
University of Toronto	Nicole Klenk, Department of Physical and Environmental Sciences and Political Science	
University of Waterloo	Prateep Nayak, School of Environment, Enterprise and Development	
Voluntary Health Association of India	Vikram Raghar, Site Coordinator	
Western University	David Cechetto	

	Women in Environment	Surya Dhungel Aditya Bastola, Nepal Site Coordinator
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APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

Centre for Disease Modeling

1. Major and Neglected Diseases in Africa

- May 6-10, 2013
- Ottawa, ON
- Africa counts 54 countries and 15% of the world population, however, the combined GDP of African countries represented in 2003 just over 3% of the world's GDP. From a demographic perspective, Africa is characterized by an over-representation of youth (40% of the population under 15), and a life expectancy below 65 years (e.g. 31.6 years in Botswana) compared to 82.6 years in Japan. Several factors contribute to this low life expectancy (e.g. poverty, inadequate health care systems) but the main reason is the compounding of these factors with the effect of several major infectious diseases and some less known ones that are plaguing the continent.

Mathematical models are increasingly accepted in the public health domain as tools to fight infectious diseases. Modelling is helpful mostly because it allows for simple hypothesis testing where most other tests are impossible. Modelling is also a valuable tool that allows to pinpoint gaps in data collection. This Workshop on Diseases in Africa focused on some major killers (HIV/AIDS, malaria and tuberculosis) and it will considered some diseases that are, for one reason or another, less in the spotlight: childhood diseases, other viral/bacterial/vector diseases, poliomyelitis.

- Number in Attendance: 30
 - Total number of participants from outside York University: 27
 - Total number of participants outside Ontario: 10
 - Total number of participants outside Canada: 10

2. Mathematical Modeling of Indigenous Populations Health

- September 27 – 29, 2013
- Banff, AB
- The public health workshop, Mathematical Modeling of Indigenous Populations Health provides an opportunity for bidirectional knowledge translation of mathematical modelling research outcomes into health policy and practice, and translation of policy issues into mathematical formulation. The event brings together Canadian public health professionals and planners, key decision makers involved in Indigenous health, and leading infectious disease modellers.

The program was coordinated to accommodate participation of professionals from a wide range of expertise in to appreciate the interdisciplinary nature of mathematical modeling in disease dynamics and public health. Presentations and technical talks will include identification of key issues, followed by group discussions; break-up sessions to narrow down important topics for future collaborations; and then panel discussions to form a national network with interdisciplinary teams for identified subprojects.

- Number in Attendance: 25
 - Total number of participants from outside York University: 20

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Total number of participants outside Ontario: 12
- Total number of participants outside Canada: 1

3. BIOMAT 2013 International Symposium on Mathematical and Computational Biology

- November 4-8, 2013
- Toronto, ON
- This workshop aimed to bring together scientific leaders of mathematical biology to establish a new forum for exchange of knowledge and emerging ideas in the field of theoretical and computational biology with applications from molecular (nano-level) cellular (micro-level) to population (macro-level) phenomena. The workshop will include students (at both undergraduate and graduate levels) and postdoctoral fellows to gain experience in networking activities and develop new avenues for research and collaborations with established scholars in the rapidly evolving field of mathematical and computational biology.
- Number in Attendance: 60
 - Total number of participants from outside York University: 50
 - Total number of participants outside Ontario: 10
 - Total number of participants outside Canada: 30

4. Indo-Canadian Workshop on the Mathematical Modeling of Infectious Diseases

- January 20-22, 2014
- Roorkee, India
- This event was co-organized with the Indian Institute for Technology Roorkee. It was designed as a 3-day intensive workshop, consisting of lectures on introductory topics in the mathematical modeling of infectious disease, and research talks delivered by leading Canadian and Indian professors in the field.
- Number in Attendance: 40
 - Total number of participants from outside York University: 38
 - Total number of participants outside Ontario: 3
 - Total number of participants outside Canada: 35

5. CDM Distinguished Lecture: "Endemic Bubbles Generated by Delayed Behavioral Response in Epidemic Models"

- November 1, 2013
- York University, Toronto, ON
- Professor Gergely Rost (University of Szeged, Hungary)

Many attempts have been made in the past to capture the phenomenon that people modify their behavior during an epidemic outbreak. This reaction can be triggered by directly experiencing the rising number of infections, media coverage, or intervention policies. In this talk we show that a delayed activation of such a response can lead to some surprising dynamics. For an SIS type process, if the delayed response occurs with a jump in the contact rate when the density of infection reaches some threshold, we show that for some interval of reproduction numbers, the system is oscillatory. The oscillation

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

frequency is a discrete Lyapunov functional, and there exists a unique slowly oscillatory periodic solution with strong attractivity properties. We also construct rapidly oscillatory periodic solutions of any frequency. In the case of continuously decreasing transmission rate, if the response is not too strong, the system preserves global stability. However, for sharp delayed response, we can observe stability switches as the basic reproduction number is increasing. First, the stability is passed from the disease free equilibrium to an endemic equilibrium via transcritical bifurcation as usual, but a further increase of the reproduction number causes oscillations, which later disappear for higher values of the reproduction number, forming an interesting structure in the bifurcation diagram what we call endemic bubble.

- Number in Attendance: 25
 - Total number of participants from outside York University: 2
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 1

6. CDM Distinguished Lecture: "Modeling the Role of Altruism of Antibiotic-resistant Bacteria"

- November 1, 2013
- York University, Toronto, ON
- Professor Xingfu Zou (University of Western Ontario)
- Based on the new findings in a recent experimental study [Lee et al, Nature, 467 (2010), pp.82-86] that antibiotic resistant mutants of bacteria produce indoles to protect the wild strain bacteria, we propose a mathematical model to describe the evolution of the wild strain, resistant strain and indoles with limited nutrient. We distinguish two cases: (i) mutation is negligible and a resistant strain pre-exists; (ii) mutation is not negligible. For (i), we establish conditions for co-persistence of both strains, which indicate that the wild strain can survive with the help from the altruistic resistant strain, whereas it dies out in the absence of such a benefit. This consolidates the experimental findings in Lee et al (2010). Further analysis and simulations also reveal some new phenomena not reported in Lee et al (2010), that is, periodic oscillations of the populations may occur within certain range of the parameters, and the model may also allow bistability in the sense that a stable positive periodic solution and a stable positive equilibrium may co-exist.
- Number in Attendance: 25
 - Total number of participants from outside York University: 2
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 1

7. CDM Distinguished Lecture: Spatio-temporal spread of infectious pathogens in discrete space

- December 11, 2013
- York University, Toronto, ON
- Professor Julien Arino (University of Manitoba)

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

The capacity of infectious pathogens to propagate through space and time has been known for over two thousand years. While the processes of pathogen transmission remain the same, the geographies in which human carriers evolve have been greatly disrupted. Short and middle range flights allow some to travel thousands of kilometres in the same amount of time that others take to drive twenty kilometres after a day at work; most places on earth are no more than 36 hours flight apart.

After discussing these ideas in general, Professor Julien Arino presented one possible dissection of human geography leading to spatially discrete units called patches connected in a multidigraph representing the capacity for individuals in various epidemiological states to travel between patches. Such so-called etapopulation disease models pose all sorts of fascinating mathematical challenges. The even presented on considerations about the use of metapopulations in the context of the BioDiaspora Project, a St Michael's Hospital-based project that considers risks of infectious disease importation stemming from the global air transportation network.

- Number in Attendance: 25
 - Total number of participants from outside York University: 1
 - Total number of participants outside Ontario: 1
 - Total number of participants outside Canada: 0

8. Distinguished Lecture Series: Disentangling the transmission dynamics of emerging, epidemic and pandemic influenza

- March 21, 2014
- York University, Toronto, ON
- Professor Gerardo Chowell-Puente (University of Arizona)
- Our understanding of the transmission mechanisms driving the emergence and spread of influenza viruses is still limited. Quantitative studies based on detailed epidemiological data of influenza transmission have shed light on the effect of school closures, behavior changes, demographic factors, and climatic factors on the transmission dynamics of influenza. Professor Gerardo Chowell-Puente discusses lessons learned from interdisciplinary studies of seasonal influenza epidemics and past influenza pandemics including the recent 2009 A/H1N1 influenza pandemic by combining mathematical and statistical tools with extensive archival historical records and recent epidemiological surveillance data.
- Number in Attendance: 25
 - Total number of participants from outside York University: 1
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 1

9. Distinguished Lecture Series: Space, Control and Disease

- April 28, 2014
- York University, Toronto, ON
- Professor Louis J. Gross (University of Tennessee - Knoxville)

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

Many of the most significant problems in applied ecology, wildlife management and epidemiology are inherently spatial. Additionally, problems in these areas typically involve issues of spatial control: what to do, where to do it, when to do it, and how to assess the efficacy of the methods used. Starting from the history of a large spatial systems model (for the Everglades of South Florida) Professor Louis J. Gross points out some of the investigations we have made on issues of spatial control for disease management and harmful invasives. Professor Gross points out some alternative modeling approaches that may be used and argues for a mixture of approaches, relying upon scenario comparisons as well as optimization. Such a mixture arises in part due to the difficulty in obtaining consensus on control objectives and the benefits of taking a rather less optimization-focused perspective but one considering robustness of relative rankings of alternatives.

- Number in Attendance: 25
 - Total number of participants from outside York University: 1
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 1

10. MPE 2013 Summer School on Mathematics of Infectious Diseases

- May 19-27, 2013
- Toronto, ON
- The summer school included lectures on mathematical epidemiology, and one of the most important aspects will be projects for groups of 4-6 students, mixing scientific backgrounds and levels of experience, and focusing on real-world problems around which students develop and analyze models. It incorporates several lectures on public-health topics with focus on those relevant to other events of MPE2013 such as global spread, Indigenous populations health, vector-borne diseases and integration of surveillance, statistical data analysis and dynamical modelling and simulations. The goals of the Summer School was to encourage more developing scientists to become interested in this field and to encourage communication between mathematical modellers and public health scientists and epidemiologists who have been historically unaware of the uses of mathematical modeling. The School is designed for students coming from mixed backgrounds.
- Number in Attendance: 80
 - Total number of participants from outside York University: 60
 - Total number of participants outside Ontario: 20
 - Total number of participants outside Canada: 40

Disability Rights Promotion International (DRPI)

DRPI has developed numerous workshops throughout the last year which has trained people with disabilities across the globe to engage in disability rights monitoring and the process of empowerment through an understanding of their entitlement to rights shared by others in the population. These training have included the following workshops:

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

1. Side Event at the 10th Session of the UNCRPD Committee

- Sept 2013
- Geneva, Switzerland
- DRPI team led by Marcia Rioux and including Paula Pinto, Jose Viera, and Rados Keravica hosted and facilitated 10th Session of the UNCRPD Committee on DRPI methodology of holistic monitoring which was well received and recognized by UNCRPD Committee members and the base was set for further advocacy at international level as well as the building a new partnerships with national. The event was funded by SIDA and attended by DPOs, UN Officials and other civil society representatives.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

2. Monitoring the rights of persons with disabilities in Colombia

- April 2013
- Colombia
- Jose Viera facilitated the “Training for monitoring the rights of persons with disabilities in Colombia”, supported by Fundamental Colombia. DRPI materials and toolkits were presented and distributed to all participants.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

3. Mapping the needs of persons with disabilities in local communities in Serbia

- April 2013
- Serbia
- Rados Keravica facilitated three one-day training for local DPOs in three municipalities in Serbia – “Mapping the needs of persons with disabilities in local communities,” supported by the National Democratic Institute in Serbia. DRPI folders and leaflets were distributed to participants. Partnerships with local DPOs were developed, providing a foundation for future cooperation.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

4. Monitoring The Rights Of Persons With Disabilities In Macedonia

- May 2013
- Ohrid, Macedonia

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Rados Keravica facilitated a training of trainers for monitoring the rights of persons with disabilities, supported by COD – EU Office in Kosovo and held in Ohrid, Macedonia.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

5. Disability Rights For Youth Workers And Coordinators Of Youth Offices In Serbia

- June 2013
- Rados Keravica facilitated a training on disability rights for youth workers and coordinators of youth offices in Serbia, funded by OEBS and the Belgrade Center for Human Rights. Contacts with local youth offices were established and ideas for future collaboration were discussed. Links between youth offices and local DPOs were also made.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

6. Holistic Monitoring in Bosnia and Herzegovina

- August 2013
- Bosnia and Herzegovina
- Rados Keravica facilitated a training on writing the holistic report and its strategic use with representatives of 5 coalitions of DPOs from 5 counties in Bosnia and Herzegovina, as well as CSO representatives and government officials. Local DPOs in Bosnia and Herzegovina were trained on how to integrate findings from different elements of holistic monitoring into one holistic report and how to use the report at local, national and international level to advance disability rights in their own country
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

7. Monitoring The Rights Of Persons With Disabilities

- Sept 2013
- Belgrade
- Rados Keravica facilitated a regional workshop for monitoring the rights of persons with disabilities as a platform for exchange of monitoring experiences at regional and international level in Belgrade. Each country project team presented the challenges they faced in implementing the project.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Total number of participants outside Canada: 20-30

8. Social Inclusion of Persons with Disabilities in the Wilaya of Algiers

- Oct. 2013
- Algiers
- Paula Pinto held a meeting with 20 representatives from disability organizations in Algeria, Tunisia and Morocco, funded by Handicap International and held in Algiers. The methodology for the project, “Social Inclusion of Persons with Disabilities in the Wilaya of Algiers” was presented - which uses the DRPI interview guide and the disability rights training materials. The meeting was an opportunity to strengthen the links with DPOs working in the Maghreb region, which may result in future collaborations.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

9. Holistic Monitoring in Moldova

- Nov 2013
- Moldova
- Rados Keravica facilitated a regional training on writing the holistic report and its strategic use, supported by Motivation, a DPO from Moldova. Local DPOs in Moldova were trained on how to integrate findings from different elements of holistic monitoring into one holistic report and how to use the report at local, national and international level to advance disability rights in their own country.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

10. Human Rights And Disability Rights Monitoring In El Salvador

- Nov 2013
- El Salvador
- Marcia Rioux, Jose Viera, and Paula Hearn facilitated a workshop in El Salvador. Local persons with disabilities were trained on human rights and disability rights monitoring.
- Number in Attendance: approximately 20-30
 - Total number of participants from outside York University: 20-30
 - Total number of participants outside Ontario: 20-30
 - Total number of participants outside Canada: 20-30

Taking Action

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

1. Youth Leader Movie Night Screening- Echo

- Location: Garden Village, ON
- Date: December 5-7, 2013
- Youth leader screening the Taking Action videos that they made in the project to their own community.
- Number in Attendance: 200
 - Total number of participants from outside York University: 200
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

1. Youth Leader Movie Night Screening- Adrian

- Location: Halifax, NS
- Date: Nov. 30-Dec 2, 2013
- Youth leader screening the Taking Action videos that they made in the project to their own community.
- Number in Attendance: 200
 - Total number of participants from outside York University: 200
 - Total number of participants outside Ontario: 200
 - Total number of participants outside Canada: 0

2. Youth Leader Movie Night Screening- Talasia

- Location: Puvirnituk, QC
- Date: May 30, June 3, 2013
- Youth leader screening the Taking Action videos that they made in the project to their own community.
- Number in Attendance: 30
 - Total number of participants from outside York University: 30
 - Total number of participants outside Ontario: 30
 - Total number of participants outside Canada: 0

3. Youth Leader Movie Night Screening- Kiera

- Location: Yellowknife
- Date: December 13-15, 2013
- Youth leader screening the Taking Action videos that they made in the project to their own community.
- Number in Attendance: 100
 - Total number of participants from outside York University: 100
 - Total number of participants outside Ontario: 100
 - Total number of participants outside Canada: 0

4. Youth Leader Movie Night Screening- Alex and Dom

- Location: Prince Rupert, BC
- Date: August 20-24, 2013

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Youth leader screening the Taking Action videos that they made in the project to their own community.
- Number in Attendance: 50
 - Total number of participants from outside York University: 50
 - Total number of participants outside Ontario: 50
 - Total number of participants outside Canada: 0

5. Taking Action Youth Retreat

- Location: Montreal, QC
- Date: June 19-23, 2014
- Taking Action retreat to bring youth leaders and research team members together to collect data on the significance of the videos and the lessons learned in the project and about HIV prevention leadership by Aboriginal youth.
- Number in Attendance: 23
 - Total number of participants from outside York University: 20
 - Total number of participants outside Ontario: 17
 - Total number of participants outside Canada: 0

NNEWH

1. Beyond the Mani-Pedi: What are those chemicals doing to our health?

- Lillian Smith Library, 239 College St., Toronto
- April 29 2014
- A growing body of research points to worrisome trends in the short and long term health of women who work in nail salons. The culprit: “the toxic trio” of toluene, formaldehyde and phthalates found in many of the products used routinely in salons and linked to such health issues as lung disorders, birth abnormalities in offspring, cognitive problems, and cancer. The National Network on Environments and Women’s Health (NNEWH), in collaboration with Central Toronto Community Health Centres (CTCHC), held a public event featuring research scientist, Dr. Thu Quach, and former manicurist and research assistant, Minhthu Le, both involved with the California Healthy Nail Salon Collaborative. The speakers discussed what they are doing to make nail salons healthier places to work in and visit.
- Number in Attendance: 37
 - Total number of participants from outside York University: 28
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 3

RELTC

1. Changing the Conversation

- May 27, 2013
- Courtyard Marriott hotel, Toronto.
- Speakers: Liz Lloyd, University of Bristol, Monique Lanoix, Appalachian State University, Sally Chivers, Trent University.

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Number in Attendance: approximately 40
 - Total number of participants from outside York University: Unknown
 - Total number of participants outside Ontario: Unknown
 - Total number of participants outside Canada: Unknown

2. Do Regulations Make it Harder to Care? Conference

- May 28, 2013
- Courtyard Marriott hotel, Toronto
- Five panels – four on the project’s themes (Financing & Ownership, Approaches to Care, Work Organization, Accountability) and a closing panel with reflections by the project’s partners.
- Number in Attendance: approximately 70
 - Total number of participants from outside York University: Unknown
 - Total number of participants outside Ontario: Unknown
 - Total number of participants outside Canada: 0

3. Seminar #1 “Pre-1970”

- October 4, 2013
- York University
- Presenter: James Struthers, Trent University
Books: Seebohm, Rowntree, *Old People: Report of a Survey Committee on the Problems of Ageing and the Care of Old People*; G. Mathiasen & E. Noakes (eds.), *Planning Homes for the Aged*; Peter Townsend, *The Last Refuge: a survey of residential institutions and homes for the aged in England and Wales*
- Number in Attendance: approximately 12-15
 - Total number of participants from outside York University: 6-8
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

4. Seminar #2 “1970’s”

- November 4, 2013
- York University
- Presenters: Sally Chivers, Trent University; Donna Baines, McMaster University
Books: Jaber Gubrium, *Living and Dying at Murray Manor*; Daniel Jay Baum, *Warehouses for Death: the nursing home industry*
- Number in Attendance: approximately 12-15
 - Total number of participants from outside York University: 6-8
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

5. Seminar #3 “1980’s”

- January 10, 2014
- York University

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Presenter: Megan Davies, York University
Books: Dianne Willcocks, Sheila Peace, and Leonie Kellaheer, *Private Lives in Public Places: a research-based critique of residential life in local authority old people's homes*; and the follow up from the 1990s - Sheila Peace, Leonie Kellaheer, and Dianne Willcocks, *Re-evaluating Residential Care*
- Number in Attendance: approximately 12-15
 - Total number of participants from outside York University: 6-8
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

6. Seminar #4 “1990’s”

- February 28, 2014
- York University
- Presenters: Tamara Daly, York University; Albert Banerjee, Post-doctoral fellow, York University
Books: Timothy Diamond, *Making Gray Gold: Narratives of Nursing Home Care*; Nancy Foner, *The Caregiving Dilemma: Work in an American Nursing Home*
- Number in Attendance: approximately 12-15
 - Total number of participants from outside York University: 6-8
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

7. Seminar #5 “2000’s”

- April 4, 2014
- York University
- Presenters: Martha MacDonald, St. Mary’s University; Hugh Armstrong, Carleton University
Books: Thomas Edward Gass, *Nobody’s Home: Candid Reflections of a Nursing Home Aide*; Julia Johnson, Sheena Rolph and Randall Smith, *Residential Care Transformed: Revisiting ‘The Last Refuge’*
- Number in Attendance: approximately 12-15
 - Total number of participants from outside York University: 6-8
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

Program Evaluation Unit

1. Toronto Public Library

- Toronto Public Library, Ontario
- October 9, 2013
- Training workshops for managers in the Toronto Public Libraries across Toronto
- Number in Attendance: 30
 - Total number of participants from outside York University: 30
 - Total number of participants outside Ontario: 0

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Total number of participants outside Canada: 0

2. Toronto Public Library

- Toronto Public Library, Ontario
- October 31, 2013
- Training workshops for managers in the Toronto Public Libraries across Toronto
- Number in Attendance: 30
 - Total number of participants from outside York University: 30
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

3. Toronto Public Library

- Toronto Public Library, Ontario
- November 7, 2013
- Training workshops for managers in the Toronto Public Libraries across Toronto
- Number in Attendance: 30
 - Total number of participants from outside York University: 30
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

4. Toronto Public Library

- Toronto Public Library, Ontario
- November 20, 2013
- Training workshops for managers in the Toronto Public Libraries across Toronto
- Number in Attendance: 30
 - Total number of participants from outside York University: 30
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

5. Toronto Public Library

- Toronto Public Library, Ontario
- December 4, 2013
- Training workshops for managers in the Toronto Public Libraries across Toronto
- Number in Attendance: 30
 - Total number of participants from outside York University: 30
 - Total number of participants outside Ontario: 0
 - Total number of participants outside Canada: 0

YIHR

1. Living with Climate Change Canadian partnerships

- York University, Toronto, Ontario
- March 21, 2014
- Living with Climate Change team members met in Toronto for a regional workshop to share research findings, to discuss climate change adaptations in different contexts and to discuss approaches and methods and next steps forward.
- Number in Attendance: 13
 - Total number of participants from outside York University: 9

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Total number of participants outside Ontario: 2
- Total number of participants outside Canada: 0

2. Theory of Change Workshops with the Rwanda Ministry of Health

- Location: Toronto, Canada and Kigali, Rwanda
- Dates: December 10, 2013; February 2, 2014; March 10, 17, 29, 2014
- The workshops brought together team members to use the Theory of Change methodology to identify project impacts, preconditions for outcomes, project interventions and resources. A workshop was also organized to consult with the research team and the Ministry of Health representatives.
- Number in Attendance: 13
 - Total number of participants from outside York University: 9
 - Total number of participants outside Ontario: 9
 - Total number of participants outside Canada: 8

3. Maternal, Newborn and Child Mental Health in Rwanda Training

- Location: Kigali, Rwanda
- Dates: August 14, 16, 2013
- Provided training to health professionals on Maternal, Newborn and Child Mental Health in Rwanda and teaching methods to be used in the training other health care professionals.
- Number in Attendance: 13
 - Total number of participants from outside York University: 11
 - Total number of participants outside Ontario: 11
 - Total number of participants outside Canada: 11

4. Maternal, Newborn and Child Mental Health in Rwanda Workshop

- Location: Kigali, Rwanda
- Dates: August 19-21, 2013
- Facilitated training of health care professionals on Maternal, Newborn and Child Mental Health in Rwanda
- Number in Attendance: 27
 - Total number of participants from outside York University: 25
 - Total number of participants outside Ontario: 25
 - Total number of participants outside Canada: 25

YIHR- Student Committee

1. YIHR Annual Graduate Student Symposium: Critical Perspectives on the Future of Health
 - Location: York University, Toronto, Ontario
 - Date: March 6, 2014
 - Number in Attendance: 35
 - Total number of participants from outside York University: 0
 - Total number of participants outside Ontario: 0

APPENDIX 3 – PART B: WORKSHOPS AND CONFERENCES

- Total number of participants outside Canada: 0

YIHR - Sponsored Events

1. ICES- Linking Immigration Data to Health Outcomes

- Location: York University, Toronto, Ontario
- Date: July 4, 2013
- Organized by the Faculty of Health, York University

2. Narratives on Ability - Presentation by Geraldine Wurzburg

- Location: York University, Toronto, Ontario
- Date: Nov. 7, 2013
- Organized by the Centre for Refugees Studies, York University

APPENDIX 3 – PART C: KNOWLEDGE MOBILIZATION

YIHR recognizes knowledge mobilization as an essential part of research. YIHR has consequently built knowledge mobilization into all of its work, as a vital component to any ongoing research.

In addition to the YIHR website, facebook and twitter, each YIHR initiative has developed a website to posts project updates, dissemination tools and engagement opportunities for potential partners. Although the websites and social media tools are developed separately from YIHR tools, the resources are shared and linked to one another to promote a greater audience and to show affiliated practices. YIHR also developed and hung poster for each initiative in the YIHR offices.

YIHR values turning research into action through interactions outside of academia in order to disseminate valuable knowledge and to inform policy. For instance, the initiatives develop postcards, websites, reports and publications for its research projects.

YIHR has an extensive number of partnerships and collaborations with external partners. As a result, research has the capacity to be engaged and to make an impact through social change and policy. For instance, Dr. Rioux sits on a Accessibility Advisory Council committee for the Pan American/Parapan American Games in 2015, established to assist the organization in achieving its vision of the “People’s Games”. Jianhong Wu has been on the Scientific Committee for Models and Methods in Ecology Epidemiology and Public Health 2013, an initiative of mathematical sciences organizations around the world designed to showcase the ways in which the mathematical sciences can be useful in tackling our world’s problems. There are a host of other such outreach activities by YIHR members. Each initiative prides itself with community involvement and policy relevance, developing resources to inform policy and decision-making and working to disseminate knowledge to reach a wide audience. See below for specific examples for each initiative.

Disability Rights Promotion International (DRPI)

1. Online Training Course: DRPI continues to translate its training materials, previously only used during ‘in-person’ trainings, but moving into an online course. This new course will permit any individual or group around the world with Internet access to learn how to conduct disability rights monitoring using the DRPI tools and methodology. Presentation of training material will include text, video clips featuring DRPI personnel from around the world and self-learning activities and quizzes. At this time, most of the online course has been posted and we are now working on integrating the self-learning activities and quizzes and creating the video clips. We will be asking our international partners to test the course during its development.
2. Website: The DRPI website is organized into regional pages, with country-based activities reported under the respective regional page. The website is fully accessible and contains important information about the progress of project activities along with disability rights monitoring tools, training materials, reports and events from around the world. Regional Officers are playing an important role in ensuring that the regional pages highlight disability rights monitoring reports, training materials and other relevant information from that region. The website is very well used.

APPENDIX 3 – PART C: KNOWLEDGE MOBILIZATION

3. Social Media (Facebook and Twitter): Recognizing the important role played by new social media, DRPI maintains Facebook and Twitter (#DRPI_global) accounts. The accounts are being updated regularly to raise awareness about the DRPI project.
4. DISABILITY RIGHTS listserv: DRPI continues to maintain the DISABILITY RIGHTS list serv (electronic mailing list) that is used to regularly disseminate DRPI reports, tools, training materials and other communications about monitoring the rights of persons with disabilities. Each DISABILITY RIGHTS listserv posting reaches a very wide audience including:
 - # DRPI subscribers (with more people and organizations joining regularly)
 - subscribers of the following list servs: GLADNet, IDA_CRPD_FORUM (International Disability Alliance), disabilityrightsafrika, yahoo groups, ICDR-L (International Centre for Disability and Rehabilitation) and INTHUMRIGHTS (International Human Rights Law Committee, American Bar Association) – where all DRPI postings are cross-posted.
 - subscribers of other listservs which choose to re-post DRPI postings sent to them including: GPDD (Global Partnership on Disability and Development) and DPI e-update (Disabled Peoples' International).

Taking Action

1. Conferences: Taking Action co-applicants and youth leaders have attended a number of conferences throughout the year to participate, share and disseminate Taking Action materials. These conferences include CAHR 2013, Vancouver; OHTN 2013, Toronto; Wise Practices 2013, Saskatoon.
2. TakingAction4Youth Website: The goal of this website is to share what the Taking Action! Project is all about, including the inspiring youth involved in the project across the country, their amazing art, and how other leaders or organizations can get involved.
3. Taking Action Youth Videos: Digital storytelling is an effective tool for working with youth to talk about HIV/AIDS and mobilize action. Youth leaders have developed their own videos to screen in their own communities and use across Canada as a tool to facilitate their leadership in HIV prevention.
4. Taking Action postcards: Developed to share contact information, project description and showcase art to engage communities, organizations and other leaders.
5. Taking Action Reports: Reports are developed by Aboriginal leaders incorporating the art inspired by or created in the Taking Action research project, as well as the language developed by research participants in the project. In the last year, Taking Action has developed a Training Manual, Youth Story, Full Report and Metis Report, and is currently finalizing another training manual that community members can use to facilitate the development and screening of videos by youth leaders in their communities.
6. Publications: Taking Action is a collaborative project that has included a wide variety of investigators across Canada. Taking Action has published 2 articles and another 2 are being reviewed. The research team is developing another 4 articles.

Centre for Disease Modelling (CDM)

- CDM has been instrumental in developing a reputation for developing research that is essential to informing policy.

APPENDIX 3 – PART C: KNOWLEDGE MOBILIZATION

- The CDM has organized several events between May 2013- April 2014 for the purpose of knowledge translation including Major and Neglected Diseases in Africa, Mathematical Modeling of Indigenous Populations Health, BIOMAT 2013 International Symposium on Mathematical and Computational Biology and Indo-Canadian Workshop on the Mathematical Modeling of Infectious Diseases

NNEWH

- NNEWH has a website used to provide information about research projects and to disseminate research findings.
- NNEWH hosted a public forum on healthy nail salons featuring members of the California Healthy Nail Salon Collaborative. The audience included nail salon workers, health inspectors, municipal policy makers and academics.

Re-Imagining Long Term Residential Care (RELTC)

- RELTC has a website used to provide information about research projects and to disseminate research findings.
- The project's second and third research site visits were held in, in Ontario and Texas, with the Texas visit being the project's first international one. The spring 2014 site visits in Europe began on April, 28, 2014 with Germany and the UK. These research visits will also include Norway and Sweden.
- RELTC organizes seminar series throughout the year to disseminate research findings and collaborate on next steps.
- The 2012-13 seminar series resulted in a book published in August 2013 - *Troubling Care: Critical Perspectives on Research and Practices* - authored by seven students and seven faculty team members.

Program Evaluation Unit

- The Program Evaluation Unit develops final evaluation reports for each of its projects that can be implemented and built upon by the funding organization or institution. Some of these projects have included evaluation reports provided to YMCA Toronto and the Toronto Public Library.

APPENDIX 3 – PART D: FACILITATING FACULTY AND STUDENTS

YIHR has increasingly attracted researchers from a number of York University faculties who want to be engaged in interdisciplinary health research. Furthermore, YIHR provides administrative support to individual faculty members who wish to submit proposals to funding agencies. As an Organized Research Unit separate from a faculty or department, YIHR has the unique opportunity to draw upon the wealth of individual researchers and scientist from different disciplines and backgrounds at York University. YIHR is able to pull together a group of individuals who might not share the same discipline but who have similar health research goals and interests.

The YIHR Students' Committee was led by YIHR's Executive Committee Student Representatives Emanuel Ebrahim. Throughout the year, the Students' Committee participated in a series of meeting to discuss health-related research opportunities and organized a student symposium aimed at engaging students interested in health research and providing opportunities for peer feedback and exchange. YIHR continually looks for new ways to engage student opportunities in research.

Numerous students have the opportunity to gain research experience on YIHR projects throughout the year, giving them the opportunity to work directly with research staff and researchers and to develop their own research skills. For instance, The CDM hosts weekly student meetings called Informal Group Meetings, organized by a Graduate student within the Department of Mathematics and Statistics. Each week, a student or post-doctoral fellow presents to a group of about 25 on his or her current research work.

The MPE 2013 Summer School on Mathematics of Infectious Diseases, also organized by CDM is another way to facilitate both faculty and researchers. The goal was to encourage more developing scientists to become interested in this field and to encourage communication between mathematical modellers and public health scientists and epidemiologists who have been historically unaware of the uses of mathematical modeling.

DRPI is another initiative that organizes initiative wide meetings for students to share their experiences and knowledge with fellow students, as well as to collaborate and develop their own networks in health research.

APPENDIX 3 – PART E: CONTRIBUTIONS TO TEACHING

- 1. Aboriginality & Disability course development**, supported by the Dean of Health. The partnership developed through the DRPI SSHRC grant, *Expanding the Circle* assembles a unique interdisciplinary team of Indigenous and non-Indigenous groups, community leaders and academic researchers (e.g. critical disability studies researchers, educators, social workers, psychologists) experienced in community-based research, decolonizing methodologies, traditional Indigenous epistemologies, critical disability studies and disability rights monitoring. Bringing the diverse cultural, experiential and disciplinary perspectives of the participants and partners has highlighted the opportunity and need to develop a course on disability & Indigenous approaches. The team is currently developing curriculum that incorporates new research on disability and disability rights within an Indigenized multidisciplinary framework which simultaneously considers the role of Indigenous knowledge and the impact of colonialism.
- 2. Program Evaluation Certificate.** The Program Evaluation Unit is developing a Program Evaluation Certificate at York University which will help develop expertise in the field which is currently in high demand, as well as provide students with direct professional experience through the Program Evaluation Unit projects, strengthening professional development of York students and expanding the capacity of the Program Evaluation Unit.
- 3. MPE 2013 Summer School on Mathematics of Infectious Diseases.** The summer school that CDM hosted includes lectures on mathematical epidemiology, and one of the most important aspects will be projects for groups of 4-6 students, mixing scientific backgrounds and levels of experience, and focusing on real-world problems around which students develop and analyze models. It will also incorporate several lectures on public-health topics with focus on those relevant to other events of MPE2013 such as global spread, Indigenous populations health, vector-borne diseases and integration of surveillance, statistical data analysis and dynamical modelling and simulations. The MPE 2013 Summer School was made available to students external to York University but was also listed a 3.0-credit course open to York University Graduate students, with the course code Math 6936 3.0 Summer 2013.
- 4. Undergraduate program in Mathematical Biology-** Jane Heffernan from CDM is leading the development of an undergraduate in Mathematical Biology. The program is currently under review.
- 5. DRPI Online Training Course:** This new course will permit any individual or group around the world with Internet access to learn how to conduct disability rights monitoring using the DRPI tools and methodology.

DRPI

- Tracey Wallace, Yukon Human Rights Commission
- Bengt Lindqvist, Co-Director, Disability Rights Promotion International
- Paul Pinto, Center for Administration and Public Policy in Lisbon

CDM

Visiting students:

- Le Li (Hunan University, China)
- Hélio Junji Shimosako (University of Sao Paulo, Brazil)
- Marie Betsy Varughese (University of Alberta)
- Bismark Singh (University of Texas at Austin)

Visiting lecturers:

- Gergely Rost (University of Szeged, Hungary)
- Xingfu Zou (University of Western Ontario)
- Julien Arino (University of Manitoba)
- Gerardo Chowell-Puente (University of Arizona)
- Louis J. Gross (University of Tennessee - Knoxville)

Visiting research collaborators:

- Aura Conci (Universidade Federal Fluminense, Brazil)
- Sanyi Tang (Shaanxi Normal University, China)
- Yanni Xiao (Xi'an Jiaotong University, China)
- Shaofen Zou (Hunan University, China)
- X. Zhang (Hunan University, China), Xiang Zhongyi (Hubei University of Nationalities, China)
- Xiang Changcheng (Hubei University of Nationalities, China)
- Rubem Mondaini (Federal University of Rio de Janeiro, Brazil)
- Ajit Babu (Center for Advancement of Global Health, India)
- Aquino Espindola (Universidade Federal Fluminense, Brazil)
- Wilfred Cuff (Cuff*Link Forecasting Inc., Canada)

Living with Climate Change

- Sajida Awan, MES Candidate, University of Waterloo
- Fatima (Noori) Khan, MES graduate student, University of Waterloo to start Fall 2014.
- Prateep Nayak, Co-applicant; finishing postdoc and moving into faculty position at the School of Environment, Enterprise and Development, University of Waterloo,
- Ashok Selvaraj, MES Candidate, University of Waterloo
- Jacinthe Briand-Racine, Research Assistant for New Brunswick site
- Nicole Klenk, Co-applicant; Departments of Physical and Environmental Sciences and Political Sciences, University of Toronto
- Megan Sheramata, prospective PhD student working with Nicole Klenk
- Kristie Signer, Project Lead on New Brunswick

APPENDIX 3 – PART E: CONTRIBUTIONS TO TEACHING

- Niti Saxena, Institute for Rural Research and Development