



CRDCN Conference 2012

**Evidence-Based Policy
Formation and Evaluation**

University of New Brunswick

Fredericton NB

October 22-24, 2012

Cher conférenciers et participants

Je suis heureux de vous souhaiter la bienvenue à la 10e conférence annuelle du RCCDR. Mis sur pied au tournant du millénaire, le RCCDR visait à faciliter et à élargir l'accès aux micro-données confidentielles de Statistique Canada. De moins de 10 centres de données de recherche à l'époque, il compte aujourd'hui 25 –bientôt 27 - points d'accès à travers tout le pays et il permet aux chercheurs d'utiliser un éventail de plus en plus large de banques de données.

Le RCCDR a aussi pour mission d'encourager l'utilisation des résultats de recherche, notamment dans l'élaboration des politiques publiques. Le thème de notre conférence nationale cette année s'en fait l'écho.

L'adoption de politiques publiques qui s'appuient sur les connaissances probantes les plus récentes est une des principales composantes d'un processus législatif efficace. Or les recherches mettant à profit les statistiques sociales, économiques et en santé réalisées par les centaines de chercheurs actifs au sein du RCCDR constituent sans aucun doute une source incontournable de données probantes.

À cet égard, le programme de la conférence est extrêmement prometteur et annonce des discussions enrichissantes concernant plusieurs enjeux névralgiques de politique publique, que ce soit l'immigration, la retraite, l'éducation, la santé ou le soutien du revenu. Je tiens à remercier et féliciter Ted McDonald, directeur académique du CDR de l'Université du Nouveau-Brunswick, pour son travail exceptionnel dans l'organisation de cette rencontre.

Encore une fois bienvenue, et bonne conférence!

Robert McNutt
Directeur général
RCCDR

Dear Speakers and Participants,

It gives me great pleasure to welcome you to the 10th annual CRDCN conference. The CRDCN was set up in 2000 to facilitate and broaden access to confidential Statistics Canada micro-data. From fewer than 10 Research data centres at the time, the network now has 25 – soon to be 27 – access points throughout the country, and enables researchers to make use of an ever-widening range of data banks.

The CRDCN also has a mission to encourage the use of research results, particularly in the formulation of public policies, and the theme of our national conference this year is a reflection of this mission.

The adoption of public policies based on the most recent evidence is a key component of an effective legislative process. And research that makes use of socio-economic and health statistics such as that authored by the hundreds of researchers active within the CRDCN is unquestionably a vital source of such evidence.

In this regard, the conference program is extremely promising and we can look forward to rewarding discussions on several crucial areas of public policy, among them immigration, retirement, education, health and income support. I'd like to thank and congratulate Ted McDonald, Academic Director of the New Brunswick Research Data Centre, for his outstanding work in organizing this gathering.

Once again, I bid you welcome and wish you a very fruitful conference!

Robert McNutt
Executive director
CRDCN

Monday, October 22

12:00 **Registration Open** (Tilley Hall Ground Floor Foyer)

14:30 **Concurrent Workshop A: Latest Methods In Policy Evaluation**
(Singer Hall Lab 156)

Kevin Milligan (University of British Columbia)

This three hour workshop will provide an overview to recent methods commonly used in program evaluation in the social sciences. The first hour will cover the statistics of causal inference. The second hour will review how causal inferences are made using three different methodologies: randomized controlled trials, differencing techniques, and regression discontinuity. The third hour will take place in a lab, implementing an example of one of the techniques mentioned above using STATA.

Concurrent Workshop B: Visualizing Data
(Tilley Hall Room 303)

Teresa Tang (University of New Brunswick), Ian Williams (Ryerson University), Donna Dosman (Statistics Canada, Microdata Division)

In this three hour presentation, the following topics will be discussed and explored: general work flow, design principles, types of visualization (statistical graphs and maps), when to use what, best practices, some tools, data availability, as well as technical and administrative limitations to certain types of visualization tools (mapping in particular).

Please note: this is not a hands on presentation and is meant for researchers who do not have extensive experience with mapping and data visualization.

18:30 **Welcome Reception** (Alumni Lounge, Alumni Memorial Building)

Kevin Milligan

Kevin Milligan is Associate Professor of Economics at the University of British Columbia, and is also affiliated with the C.D. Howe Institute and the National Bureau of Economic Research. He studied at Queen's University and the University of Toronto, receiving his Ph.D. in 2001. His thesis was awarded the 2002 National Tax Association dissertation award. His research spans the fields of public and labour economics, with a focus on the economics of children and the elderly, as well as other tax and labour market policy topics. His published papers cover topics such as maternity leave, child tax benefits, childcare subsidies, retirement savings, education savings, public pensions, social assistance, and inequality.

Donna Dosman

Dr. Donna Dosman is the Chief of the Research Data Centre Program at Statistics Canada. She holds a Ph.D. in Human Ecology from the University of Alberta where she is an adjunct professor. Her research interests include caring issues such as shifting responsibility for caring from formal to informal caregivers, workplace policy as it relates to caregiving and the impact of public policy on family and friend caregivers.

Ian Williams

Ian has been working in the Spatial Analysis field since 1998. He currently works as a Senior Intelligence Analyst at the Toronto Police Service Intelligence Division where he leads a team of analysts and researchers. Ian also teaches Demographic Analysis, Advanced Demographic Applications and Spatial Statistics at Ryerson University in Toronto. Ian has previously worked in a number of roles with Statistics Canada for over nearly 9 years. Ian's education includes a Bachelor of Arts in Geographic Analysis (2005), Master of Spatial Analysis (2009), and Master of Public Policy, Administration and Law (2012).

Teresa Tang

Teresa Tang is a GIS programmer and data analyst at the Canadian Research Institute for Social Policy. She has a Master of Science in Engineering with the Department of Geodesy and Geomatics Engineering at the University of New Brunswick. She specializes in GIS and mapping applications; database design, management and maintenance; data visualization; and web application development.

Tuesday, October 23

07:30	Registration Open (Kent Auditorium Foyer, Wu Conference Centre)
09:00	Opening Session (Kent Auditorium, Wu Conference Centre) Greetings Introductory Comments from Dr. Heather Dryburgh, Manager of Microdata Access Division, Statistics Canada, Dr. David H. Burns, Vice President Research, University of New Brunswick and Byron James, Deputy Minister, Executive Council Office of the Province of New Brunswick Chair: Dr. Ted McDonald, Director of NB-RDC
09:30	Keynote Address: Mobilizing Knowledge for Better Public Policy: Lessons From The Leslie Harris Centre of Regional Policy and Development, Memorial University (Kent Auditorium, Wu Conference Centre) Robert Greenwood Executive Director, Office of Public Engagement for Memorial University and of The Leslie Harris Centre of Regional Policy and Development Chair: Dr. Yves Bourgeois, Director of Urban and Community Studies Institute, University of New Brunswick
10:30	Break (Kent Auditorium Foyer) Viewing of poster submissions in foyer area.

*Please take some time to view the posters in the foyer.
Poster presentations will be in the Chancellor's Room at lunch hour.*

11:00

Concurrent Session 1A: Retirement & Debt

(Kent Auditorium, Wu Conference Centre)

Chair/Moderator: Kathy Wyrwas, Department of Finance,
Government of New Brunswick

Tzu-Ting Yang (University of British Columbia)

The Effect of Compulsory Private Pension on Household Saving :
Evidence from Pension Reform in Taiwan

**Karen A. Duncan (University of Manitoba), Janet E. Fast (University
of Alberta) and Phyllis Johnson (University of British Columbia)**

Canadians and Insolvency Pre and Post Recession

Steve Marchand (Université Laval)

The Effects of Demographic Changes on Quebec's Incomes and Public
Finances: A Micro Simulation Analysis

Discussant: Marc Duhamel, Executive Director, Canadian Institute for
Research on Public Policy and Public Administration

Concurrent Session 1B: Health

(Chancellor's Room, Wu Conference Centre)

Chair/Moderator: Weiqiu Yu, Department of Economics, University
of New Brunswick

Inka Milewski (Conservation Council of New Brunswick)

Identifying At-Risk Communities for Action on Cancer Prevention: A
Case Study in New Brunswick Communities

Ya-Ping Jin (University of Toronto)

Lack of Government-Insured Annual Routine Eye Examinations
Increases the Risk of Vision Problems Amongst Low-Income Elderly

Kathleen Rybczynski and Lori J. Curtis (University of Waterloo)

Size Matters: Small Business May Be Good for Your Health

Discussant: James Ayles, Director, Health Human Resources
Information Office of the Associate Deputy Minister, New Brunswick
Department of Health

12:30

Lunch (Kent Auditorium Foyer)

Poster Presentations (Chancellor's Room, Wu Conference Centre)

Chair/Moderator: Greg Kealey former VP Research, University of New Brunswick

Yang Cui (University of Manitoba)

Smoking During Pregnancy: Findings From a National Population-Based Survey

Chris Connell (Department of Economics, University of New Brunswick)

Socioeconomic and geographic variations in the incidence of head and neck cancer in Canada, 1992-2007

Daniel Rowe (Department of Health, Aging, and Society, McMaster University)

The Impact of Job Strain on Smoking Cessation and Relapse

John Calhoun and Michael Haan (University of New Brunswick)

Projected Post-Secondary Enrolment in NB Universities

Neeru Gupta (New Brunswick Department of Health)

Using National Data to Inform Local Public Health Decisions: Mapping Obesity in New Brunswick from the Canadian Community Health

Kristina Miller (Health and Rehabilitation Sciences, University of Western Ontario), Sandra Hobson (School of Occupational Therapy, University of Western Ontario), Irene Hramiak (Diabetes Education Centre, St. Joseph's Hospital London, Ontario), Colleen Gobert (Food and Nutritional Sciences, Brescia University College) and Marita Kloveck (University of Western Ontario School of Health Studies)

Why Older Adults Withdraw from Diabetes Self Management

Education: A Grounded Theory Study

Barry Watson (Department of Economics, Dalhousie University)

Does Economic Insecurity Cause Obesity?

Did you know?

The SouthWestern Ontario Research Data Centre (SWORDC) at the University of Waterloo will be hosting the CRDCN conference next year. The conference topic will be Marginalized Populations, including but not limited to RDC research on First Nations, Immigrants, lone parents and the poor. Please check the CRDCN website regularly for updates or contact the SWORDC Academic Director (ljcurtis@uwaterloo.ca) for more information.



Institute for
Research on
Public Policy

40
YEARS
ANS
Institut de
recherche
en politiques
publiques

ABOUT THE IRPP

Mission

Founded in 1972, the Institute for Research on Public Policy is an independent, national, bilingual, nonprofit organization. The IRPP seeks to improve public policy in Canada by generating research, providing insight and sparking debate on current and emerging policy issues facing Canadians and their governments.

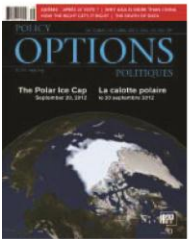
Research

Since its founding, the Institute has contributed to informed debate through rigorous, relevant and reliable research.

Canada's economic performance and social progress have always been at the heart of the IRPP's research mandate. The current agenda builds on these principles. It focuses on economic and social policy priorities related to three fundamental realities that will require governments' attention and policy responses in the medium to long term: Canada's aging population, its growing diversity and pluralism, and the impact on Canadian competitiveness of rapidly changing patterns of global trade and production. As governments' efforts to promote economic growth and social progress depend on effective governance instruments and a well-functioning federation, our research also addresses these important underpinnings of sound public policy.

Policy Options magazine

The IRPP's flagship publication, *Policy Options*, continues to play a prominent agenda-setting role in the public policy community in Canada. It provides analysis of some of the day's most important issues. **See, in the October issue, Miles Corak's article "The Death of Data," in which he laments the recent demise of longitudinal studies.**



www.irpp.org

1470 Peel Street, Suite 200 Montreal Quebec Canada H3A 1T1 • 514-985-2461

Robert Greenwood

Rob is Executive Director, Office of Public Engagement for Memorial University and of The Leslie Harris Centre of Regional Policy and Development. He is leading the development of a Public Engagement Framework for the University, which will coordinate and support the University's collaboration with partners and stakeholders. The Harris Centre's mandate is to coordinate and facilitate Memorial University's educational, research and outreach activities in the areas of regional policy and development.

Rob has operated his own consulting business and has served as a Director and Assistant Deputy Minister of Policy in Economic Development departments in Newfoundland and Labrador and in Saskatchewan. He was Vice President, Corporate Development, Information Services Corporation of Saskatchewan, and was founding Director of the Sustainable Communities Initiative, a partnership of the University of Regina, the City of Regina, and the National Research Council of Canada.

Rob holds a Ph.D. in Industrial and Business Studies from the University of Warwick, England, which he attended as a Commonwealth Scholar and an Institute of Social and Economic Research Doctoral Fellow. He was Newfoundland's representative on the International Advisory Board of the North Atlantic Islands Program and co-edited *Competing Strategies of Socio-Economic Development for Small Islands*, published in 1998. He was also co-editor of *Remote Control: Lessons in Governance for and from Small, Insular and Remote Regions*, published in 2009. He has taught, consulted, published and presented extensively on community economic and regional development, strategic economic planning, sectoral and cluster development and knowledge mobilization.

Philip Oreopoulos

Philip Oreopoulos is Associate Professor of Economics and Public Policy at the University of Toronto. He received his Ph.D. from the University of California, at Berkeley and his M.A. from the University of British Columbia. He is a Research Associate of the National Bureau of Economic Research and Research Fellow at the Canadian Institute for Advanced Research.

Philip has held a previous visiting appointment at Harvard and the Massachusetts Institute of Technology and is editor at the Journal of Labor Economics. Dr. Oreopoulos has published multiple papers attempting to understand the determinants of student enrollment and academic success, with topics ranging from compulsory schooling, financial incentives for academic achievement, procedural simplification, gender and ethnic interactions in the classroom, class size, and academic probation.

His current work focuses on the behavioral economics of education – how small costs or small interventions may have large effects into adulthood. He often examines this field by initiating and implementing large-scale field experiments, with the goal of producing convincing evidence for public policy decisions.

ADVANCE YOUR CAREER IN POPULATION HEALTH

PLAN NOW FOR JANUARY COURSES

The new on-line Professional Specialization Certificate in Population Health Data Analysis program provides a unique opportunity for health professionals to learn a diverse set of skills from multiple disciplines.

The flexible entry program allows you to start in any term and to take up to two courses without applying to the full program.

This Certificate program has been developed by Population Data BC in partnership with the Division of Continuing Studies and Department of Geography, University of Victoria.

Students who apply for and successfully complete 4 courses will receive a Professional Specialization Certificate conferred by the University of Victoria.

**To learn more about the program visit:
www.popdata.bc.ca/etu/PHDA**



Spring courses include:

Epidemiological statistics
(January to April 2013)

Longitudinal analysis and multi-level modeling of population health data
(January to April 2013)

For more information or to register, contact:
Maxine Reitsma
Program Coordinator
UVic Division of Continuing Studies
email: maxiner@uvic.ca
phone: 250 721 6477



Learning that shapes who you are.

14:00

Concurrent Session 2A: Policy

(Kent Auditorium, Wu Conference Centre)

Chair/Moderator: Sarah Fortin, Canadian Research Data Centre Network

Jasmine Lefebvre (Canadian Institutes for Health Research)

Building Bridges Between Research and Health Policy Decision-Making

Mai B. Phan (McMaster University)

Evidence-Driven Policy or Policy-Driven Evidence? The Production and Use of Knowledge in Contentious Policy Areas

Kelly Bairos and Dr. Katina E. Pollock (University of Western Ontario)

Knowledge Mobilization: Research into Policy

Discussant: Yves Pelletier Assistant Deputy Minister, Post-Secondary Education, Training and Labour

Concurrent Session 2B: Children

(Chancellor's Room, Wu Conference Centre)

Chair/Moderator: (TBD)

Angela Daley (Dalhousie University)

The Well-Being of Children in the Canadian North

Glenn Pearson (University of Western Australia)

Do You See What I See? Education, Child Protection and Child Health Services to Aboriginal Clients in West Australia

Justine C. Gibbings (Canadian Research Institute for Social Policy, University of New Brunswick)

Repeated Unemployment in the Household and Child Vulnerability in Receptive Vocabulary Achievement: Evidence from the NLSCY

Christian Whalen (Acting Child and Youth Advocate, Office of the Ombudsman)

The New Brunswick Children's Rights and Well-being Framework: supporting evidenced based policy making for children

Discussant: Geraldine Poirier, Assistant Deputy Minister, Program Delivery, Social Development

15:30

Break (Kent Auditorium Foyer)

16:00 **Concurrent Session 3A: Labour**
(Kent Auditorium, Wu Conference Centre)
Chair/Moderator: Andrew Mitchell, Faculty of Social Work, University of Toronto
Joniada Milla (University of Guelph)
University Quality and Labour Market Outcomes of Canadian Youth
Tammy Schirle (Wilfrid Laurier University)
The Effect of the Universal Child Care Benefit on Women's Labour Supply
Richard E. Mueller (University of Lethbridge)
Straight Pay for the Queer Guy? Earnings Differentials of Males and Females in Same-Sex Couples in Canada

Discussant: David W. Godfrey, Labour Economist, Post-Secondary Education, Training and Labour

Concurrent Session 3B: Statistical Methods
(Chancellor's Room, Wu Conference Centre)
Chair/Moderator: Tina Hotton, Microdata Access Division, Statistics Canada
Jeffrey S. Napierala and Glenn D. Deane (State University of New York at Albany) and Donald J. Hernandez (Hunter College and the Graduate Center at the City University of New York)
Demystifying the Regression Coefficient: Rethinking a Complex Tool for Policy Research
Casey Warman (Dalhousie University)
How Do Minimum Legal Drinking Ages Work? Regression Discontinuity Evidence from Canada
Reuben Ford (Social Research and Demonstration Corporation)
Early High School Interventions to Increase Students Access to Post-Secondary Education: Experimental Impacts

Discussant: Michael Haan, Canada Research Chair in Social Policy, University of New Brunswick

18:30 **Reception and Conference Dinner**
(Ballroom, Student Union Building)

Wednesday, October 24

07:30	Registration Open (Kent Auditorium Foyer, Wu Conference Centre)
08:45	Keynote Address: Applying Behavioural Economics To Public Policy In Canada (Kent Auditorium, Wu Conference Centre) Professor Phil Oreopoulos Associate Professor Of Economics and Public Policy at the University of Toronto Chair: Byron Spencer, Professor of Economics, Director of the Research Institute for Quantitative Studies in Economics and Population, and Academic Director of the Statistics Canada Research Data Centre at McMaster University
09:45	Break (Kent Auditorium Foyer)
10:15	Concurrent Session 4A: Health 2 (Kent Auditorium, Wu Conference Centre) Chair/Moderator: Bridgette Beswick, Health Planning, Policy and Legislation, Government of New Brunswick Hideki Ariizumi (Wilfrid Laurier University) What Do Regional Differences in Health Outcomes Tell Us? Kristina Zawaly (University of Manitoba) Examining the Relationship between Chronic Pain and Health Related Quality of Life Among Older Canadian Adults with Disability Anik Dubé (Université de Moncton) Our Youth Our Response: HIV/HCV Policy and Programming Responses Across the Atlantic Region Discussant: Bruno Battistini, Chief Executive Officer, New Brunswick Health Research Foundation

10:15	<p>Concurrent Session 4B: Data Development (Chancellor’s Room, Wu Conference Centre) Chair/Moderator: John Boyne, Department of Health, Government of New Brunswick</p> <p>Amélie Quesnel-Vallée and Emilie Renahy (McGill University) Functional Databases for Longitudinal Analyses and Tips of the Trade: The Case of the NPHS in Canada.</p> <p>Pierre Cansisius Kamanzi (Université de Montréal) Educational Trajectories: Value and Limits of YITS Data</p> <p>Bradley Corbett (University of Western Ontario) Developing Gini and Zinga Indexes for the Analysis of Contextual Income Inequalities Within Canada.</p> <p>Andrew Heisz (Statistics Canada) LISA: Anticipating the Next Generation of Longitudinal Data</p> <p>Discussant: Heather Dryburgh, Microdata Access Division, Statistics Canada</p> <p><i>This session was funded by the SSHRC Strategic Knowledge Cluster on Population Change and Lifecourse</i></p>
11:45	<p>Lunch (Kent Auditorium Foyer)</p>
13:00	<p>Concurrent Session 5A: Inequality (Kent Auditorium, Wu Conference Centre) Chair/Moderator: Julie Caissie, Department of Education, Université de Moncton</p> <p>Charles Plante (McGill University) Connecting the Dots Between Social Policy and Aggregate Outcomes: Recent Standardized Poverty Trends Among Our Largest Provinces</p> <p>Lori J Curtis and Kathleen Rybczynski (University Of Waterloo) No Exit: Women in Poverty</p> <p>Annie McEwen (Carleton University) The Relationship Between Income and Children’s Outcomes: A Research Synthesis of Evidence from Canada</p> <p>Carole Vincent (Consultant) Women’s Gains on the Labour Market: A Synthesis of Research</p> <p>Discussant: Bill MacKenzie, Executive Director Strategic Policy, Planning and Performance, Province of New Brunswick</p>

13:00	<p>Concurrent Session 5B: Immigrants (Chancellor's Room, Wu Conference Centre) Chair/Moderator: Colleen Dempsey, Research and Evaluation, Citizenship and Immigration Canada</p> <p>Naomi Lightman (University of Toronto) and Luann Good Gingrich (York University) Applying an Economic Exclusion Index: Trends and Dynamics for Immigrants and Racialized Groups in Canada</p> <p>Abdie Kazemipur (Memorial University) The Economics of Attachment: Immigrants Employment Experiences and Attachment to Canada</p> <p>Rupa Banerjee (Ryerson University) and Mai Phan (McMaster University) Do Tied Movers Get Tied Down? The Occupational Displacement of Dependent Applicant Immigrants in Canada</p> <p>Discussant: Charles Ayles, Assistant Deputy Minister Post-Secondary Education, Training and Labour, Province of New Brunswick</p>
14:30	<p>Break (Kent Auditorium Foyer)</p>
14:45	<p>Plenary: Health Administrative Data (Kent Auditorium, Wu Conference Centre) Chair/Moderator: Donna Dosman, Microdata Division, Statistics Canada</p> <p>Byron Spencer Professor of Economics, Director of the Research Institute for Quantitative Studies in Economics and Population, and Academic Director of the Statistics Canada Research Data Centre at McMaster University</p> <p>Paul A. Peters Researcher in the Health Analysis Division of Statistics Canada and Adjunct Professor in the Faculty of Health Sciences at Simon Fraser University</p> <p>Graham Woodward Director, Planning, Reporting, and Evaluation of the Ontario Renal Network</p>



Special Thanks

**Financial assistance from
the following organizations
is gratefully acknowledged**

Canadian Institutes of Health Research

Canadian Research Data Centre Network

Canadian Research Institute for Social Policy

Department of Economics, University of New Brunswick

Faculty of Arts, University of New Brunswick

**Institut Canadien de Recherche en Politiques
et Administration Publiques**

Microdata Access Division, Statistics Canada

New Brunswick Health Research Foundation

New Brunswick Social Policy Research Network

Office of VP Research, University of New Brunswick

Social Sciences and Humanities Research Council of Canada