RURAL HEALTH:
Celebrating Diversity & Strength

October 21-23, 2004 Howard Johnson Plaza Hotel
Sudbury, Ontario, Canada
CANADIAN RURAL HEALTH RESEARCH SOCIETY

OUR MISSION

“To facilitate research aimed at improving the health of people living in rural and remote Canada.”

OUR GOALS

“To build inter-disciplinary, multi-disciplinary, mutually supportive and community-focused research networks concerned with rural and remote health.”

“To develop health research that is responsive to the needs of people living in rural and remote communities.”

OUR FIVE-YEAR TARGETS

Increase in the number of scientists active in rural and remote health research.

Increase in targeted funding for rural and remote health research at provincial and national levels.

Increase in the number of nationally funded peer-reviewed research projects in rural and remote health.

Increase in the number of studentships, post-doctoral fellowships and research chairs with a focus on rural and remote health.

Increase in the involvement of rural and remote communities in planning, implementing and evaluating health research.
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ACKNOWLEDGEMENTS and APPRECIATION

Many hours were dedicated to planning this conference, which would not have been possible without the support of a number of organizations, universities, individuals, and community members. A heartfelt thank you is extended to:

- Canadian Institutes of Health Research, in particular the Rural and Remote Research Strategy team for their ongoing support of rural health research in Canada;
- Institute of Agricultural Rural and Environmental Health for their ongoing support of the Canadian Rural Health Research Society;
- The Centre for Rural & Northern Health Research, Laurentian University; University of Lethbridge, University of Saskatchewan, Laurentian University and University of Northern British Columbia for their support to the planning committee;
- The Centre for Rural & Northern Health Research, Laurentian University for their assistance in planning this conference;
- Canadian Nurses Association, The First Nations Inuit Health Branch, Health Canada, & Office of Nursing Policy, Health Canada for their generous financial sponsorship of the pre-conference workshop: Preparing, Recruiting and Retaining Health Professionals in Rural Areas;
- Health Canada for their generous financial sponsorship of the pre-conference workshop: Managing Large Databases;
- The keynote speakers—Dr. Judith Shamian and Dr. David Pearson;
- The speakers for the pre-conference workshops: Dr. Kathleen Baldwin, Dr. Peter Nunoda, Larry Mcdermott, Sharan Burns, Marie Desmeules, Denis Heng, Mario Bedard, François Brisebois, Patricia Martens, Charles Burchill, Susan Snelling, Jane Hohenadel, Vic Sahai, and Robert Spasoff;
- All of the presenters who participated in this conference;
- Brenda Nixon, School of Health Sciences, University of Lethbridge for her superb secretarial support;
- The peer reviewers of the abstracts;
- The chairs of the concurrent and keynote sessions;
- The student assistants in the concurrent sessions.

2004 CRHRS Conference Committee:
Dr. Martha Macleod, Chair
Dr. Judith Kulig, Chair, Scientific Subcommittee
   Denis Heng
   Dr. Raymond Pong
   Dr. Ellen Rukholm
   Nathalie Slaney
   Donna Bentham
Sueli de Freitas, Secretary
**REGISTRATION**

**WEDNESDAY, 20 OCTOBER**

19:00 - Conference Registration  
21:00  *Howard Johnson Hotel*

**MEETINGS**

**THURSDAY, 21 OCTOBER**

19:00  PHARE Meeting  
*Georgian A, Howard Johnson Hotel*

**CONFERENCE**

**THURSDAY, 21 OCTOBER**

08:00 - Conference Registration  
09:00  *Howard Johnson Hotel*

08:30  Pre-Conference Workshops:  
- Preparing, Recruiting and Retaining Health Professionals in Rural Areas  
  *Georgian B, Howard Johnson Hotel*
- Doing Rural Health Research Using Large Databases  
  *Bryston’s on the Park (transportation will be provided)*

**FRIDAY, 22 OCTOBER**

17:00  5th National Canadian Rural Health Research Society Annual Meeting  
*Georgian B, Howard Johnson Hotel*

**SATURDAY, 23 OCTOBER**

07:00  International Rural Nursing Meeting – Breakfast  
*Rib Room Dining Lounge, Howard Johnson Hotel*

12:00  Canadian Rural Health Research Society Board Meeting  
*Suite 251, Howard Johnson Hotel*
## PROGRAM AT A GLANCE cont’d…

### FRIDAY, 22 OCTOBER

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<th>Time</th>
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<tr>
<td>07:30</td>
<td>Conference Registration</td>
<td>Foyer, Howard Johnson Hotel</td>
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<td>09:00</td>
<td>Opening and Greetings</td>
<td>Georgian D/E</td>
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<td>09:15</td>
<td>Keynote Speaker</td>
<td>Judith Shamian, Georgian D/E</td>
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<td>Networking Lunch &amp; Inauguration of the International Council of Nurses</td>
<td>Solarium Garden Court, Howard Johnson Hotel</td>
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<td>Rural and Remote Network (ICN RRNN)</td>
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<td>Poster Presentations Open</td>
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<td>Concurrent Sessions (4)</td>
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<td>Break</td>
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<td>15:30</td>
<td>Rural and Northern Health Research in CIHR</td>
<td>Ginette Thomas, Georgian D/E</td>
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<td>17:00</td>
<td>Conference Day Concluded</td>
<td>5th National Canadian Rural Health Research</td>
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<td>Society Annual Meeting</td>
<td>Georgian B, Howard Johnson Hotel</td>
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<td>18:00</td>
<td>Banquet and Entertainment (ticket purchase necessary)</td>
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### SATURDAY, 23 OCTOBER

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<td>08:00</td>
<td>Conference Registration</td>
<td>Foyer, Howard Johnson Hotel</td>
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<td>09:00</td>
<td>Keynote Speaker</td>
<td>David Pearson, Georgian D/E</td>
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<td>10:00</td>
<td>Break</td>
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<td>Concurrent Sessions (4)</td>
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<td>12:00</td>
<td>Lunch (on your own)</td>
<td>Canadian Rural Health Research Society Board</td>
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<td>Suite 251, Howard Johnson Hotel</td>
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<td>13:00</td>
<td>Poster Presentations Closed</td>
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<td>Closing Remarks</td>
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<td>Research Group Meetings</td>
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<td>18:00</td>
<td>Conference Day Concluded</td>
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Dear Colleagues:

Welcome to the 4th International Rural Nursing Congress in Sudbury, Ontario! This congress is an exciting event representing rural and remote nurses from around the world. The program contains cutting-edge research and scholarship related to rural nursing and is designed to share knowledge about the unique health needs of rural populations.

This congress represents a historic milestone for rural nurses. We are pleased to announce that the inauguration of the International Council of Nurses Rural and Remote Nurses Network (ICN RRNN) will occur on Friday, October 22nd in the Solarium Garden Court. The development of the ICN RRNN began in February 2000 at the 2nd International Rural Nursing Congress in Toowoomba, Queensland, Australia, when delegates at the congress convened and agreed that it was time to form an international organization to represent rural and remote nurses worldwide. An international task force was chosen to lead the development of this organization, of which I have been most privileged to chair this task force. At the 3rd International Rural Nursing Congress in 2002 at Binghamton, New York, we reviewed the significant progress made toward forming an organization and charged the task force to continue its work. Several organization structures were reviewed for this organization, and after careful consideration the task force believed the best format to represent rural and remote nurses globally was through an International Council of Nurses network.

We are pleased to announce the approval of the ICN Rural and Remote Nurses network and we welcome Ms. Eleanor Ross, 1st Vice President of the International Council of Nurses to this congress as we formally launch the network.

We encourage you to join and become involved in the ICN RRNN. The sharing of knowledge and expertise by rural nurses through the network is an important vehicle to advance rural health nursing globally. This marks an exciting time for rural nurses and we look forward to working with ICN and the international community to advance nursing knowledge to better serve rural and remote people.

Sincerely,

Sally J. Reel, PhD, RN, FAANP
Chair, International Task Force &
Clinical Professor
University of Arizona College of Nursing
1305 N. Martin Ave., Tucson, AZ 85721 USA
Welcome to Sudbury and the Fifth National Canadian Rural Health Research Society Conference! We are pleased to be hosting this event in conjunction with the 4th International Rural Nursing Congress. What an opportunity for networking among researchers and health professionals from around the world!

This year has been a formation year for the Society as we have become incorporated, with a constitution and bylaws. The membership is growing both, in numbers and in diversity. We are excited that an ever expanding number of researchers and research groupings who have met through the Canadian Rural Health Research Society events are submitting research applications and successfully obtaining national funding.

The conference planning committee has developed an exciting program around the theme, Rural Health: Celebrating Diversity and Strength. The program starts with two highly-informative pre-conference workshops on rural health professionals and working with large databases. The conference keynote speakers, Judith Shamian and David Pearson are sure to stimulate discussion on rural health. The 31 posters and over 75 presentations will give you the opportunity to learn about current rural health research nationally and internationally. I hope you will take advantage of the many networking opportunities over the next three days and take time to enjoy the unique geographical and cultural landscapes of Sudbury. I look forward to making new connections with you!

Martha MacLeod, PhD, RN
CRHRS-SCHRS EXECUTIVE 2003-2004

Martha MacLeod Chair University of Northern British Columbia
James A. Dosman Vice-Chair University of Saskatchewan
Mary Lou Kelley Treasurer Lakehead University
Bruce Minore Secretary Lakehead University

CRHRS-SCHRS BOARD OF DIRECTORS 2003-2004

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Judith Kulig University of Lethbridge
Alex Michalos University of Northern British Columbia
Raymond Pong Laurentian University
Fran Racher Brandon University
GENERAL INFORMATION

Registration

Registration for the conference will start on Wednesday evening in the foyer of the Howard Johnson Hotel.

Location of Workshops

- Preparing, Recruiting and Retaining Health Professionals in Rural Areas
  *Howard Johnson Hotel*
- Doing Rural Health Research Using Large Databases
  *Bryston’s on the Park*

Transportation

Buses will depart, on Thursday, from Howard Johnson Hotel to Bryston’s on the Park starting at 8:15 am and will depart from Bryston’s to Howard Johnson soon after workshop is finished.

Poster Viewing

Posters will be set up in the Rib Room Dining Lounge at the Howard Johnson Hotel and will be available for viewing from Friday, October 22nd at 1:00 pm thru Saturday, October 23rd at 1:00 pm.

Breakfast

- Continental breakfast will be free to participants on Thursday, Friday and Saturday.
- There will be a charge of Cdn $12.00 for the International Rural Nursing Meeting Breakfast on Saturday, October 23, 2004 at 7:00 am in the Solarium Garden Court, Howard Johnson Hotel.
- Pay for this breakfast at the registration desk by Friday, October 22, 2004 at 12:00 noon.

Lunches

Thursday and Friday lunches are complimentary to all participants. Saturday lunch is on your own.

Banquet and Entertainment

An exciting evening of fine dining and entertainment has been planned for you by the Sudbury host committee. A fee of Cdn $40.00 will be charged. Pre-purchased tickets can be picked up at the registration desk. If you are interested in purchasing a ticket, please enquire at the registration desk by Friday, October 22, 2004 at 12:00 noon.

Evaluation Form

Before you leave on Saturday, be sure to complete the evaluation form in your kit and leave at the registration desk. Your response will provide valuable information for planning future CRHRS conferences.
08:00 – 09:00  Conference Registration  
*Foyer, Howard Johnson Hotel*

08:30 – 15:30  **Pre-Conference Workshops:**

- **Preparing, Recruiting and Retaining Health Professionals in Rural Areas**  
  This multi-professional pre-conference workshop will focus on innovative programs created to prepare health professionals and initiatives that are successful in recruiting and retaining health professionals for rural areas.  
  Funding provided by: Canadian Nurses Association; First Nations and Inuit Health Branch, Health Canada; Office of Nursing Policy, Health Canada.

  *Georgian B, Howard Johnson Hotel*

- **Doing Rural Health Research Using Large Databases**  
  This pre-conference workshop focuses on using secondary data to study rural health issues discussing the “why,” “what,” and “how” of doing rural health research using large databases. Databases located at Statistics Canada, CIHI, Health Canada and provincial ministries of health will be used as examples.  
  Funding provided by: Centre for Chronic Disease Prevention and Control, Health Canada

  *Bryston’s on the Park* (transportation will be provided)

16:00 – 18:00  Conference Registration  
*Foyer, Howard Johnson Hotel*

18:00 – 18:30  Welcome  
*Solarium Garden Court, Howard Johnson Hotel*  
Chair: Martha MacLeod

18:30 – 20:00  Opening Reception  
*Solarium Garden Court, Howard Johnson Hotel*  
David Courtemanche, Mayor of Sudbury

20:00 – 21:00  PHARE Meeting  
*Georgian A, Howard Johnson Hotel*
FRIDAY, 22 OCTOBER

07:30 – 16:00 Conference Registration
   Foyer, Howard Johnson Hotel

09:00 – 09:15 Opening and Greetings
   Dr. Judith Woodsworth, President, Laurentian University
   Georgian D/E
   Chair: Mary Lou Kelley

09:15 – 10:15 Keynote Speaker
   Dr. Judith Shamian, President and Chief Executive Officer, VON Canada, Ottawa, ON
   Interprofessional Agenda in Canada: Can Rural Health Lead the Way?
   Georgian D/E
   Chair: Fran Racher

10:15 – 10:30 Break

10:30 – 12:00 CONCURRENT SESSIONS
10:30 – 12:00 Theme 1 - Health Care Organization, Policy & Resource Allocation
   Georgian B
   Chair: Donna Bentham

   ▪ Clinical Practice Realities: Stories From Australian Bush Nurses
     Primary author: Mollie Burley
   ▪ Out of Hours Care in Remote and Rural Scotland: Identifying Sustainable Strategies for Change
     Primary author: David Heaney
     Co-author(s): Colville Laird, Gordon Baird, Gordon Peterkin, Ken Proctor, Catherine O'Donnell, David Godden
   ▪ Rural Consumer Participation in Mental Health Program Evaluation and Development
     Primary author: Fran Racher
   ▪ Vulnerable Populations in Rural Areas: Challenges for Ethics
     Primary author: Victor Maddalena
     Co-author(s): Susan Sherwin
10:30 – 12:00  
**Theme 1 - Health Care Organization, Policy & Resource Allocation**  
*Georgian D*  
Chair: Lisa Little

- *The Rural Communities Impacting Policy Project: Community-University Engagement in Rural Policy Change*  
  Primary author: **Lynn Langille**  
  Co-author(s): Renee Lyons, Arthur Bull, Ishbel Munro, Todd Barr, Malcolm Shookner

- *Rural Maternity Nursing in Ontario*  
  Primary author: **Jennifer Medves**  
  Co-author(s): Barbara L. Davies, Angela Heino

- *The Association for Australian Rural Nurses: Professional Organizations Their Role in Lobbying for, and Promoting Rural Nursing Practice*  
  Primary author: **Karen Francis**

**Theme 2 – Rural Communities**  
*Georgian E*  
Chair: Sally J. Reel

- *Extending Rural Nursing Theory: The Theory Base*  
  Primary author: **Helen J. Lee**  
  Co-author(s): Meg McDonagh

- *Extending Rural Nursing Theory: A North American Experience*  
  Primary author: **Charlene A. Winters**  
  Co-author(s): Helen J. Lee, Chad O’Lynn, Elizabeth Thomlinson, Meg McDonagh, Marlene Reimer, Dana Edge

- *Extending Rural Nursing Theory: Implications for the Rural Nursing Theory Base*  
  Primary author: **Helen J. Lee**  
  Co-author(s): Meg McDonagh

- *Extending Rural Nursing Theory: Education, Practice, and Policy Implications*  
  Primary author: **Jean Shreffler-Grant**  
  Co-author(s): Marlene Reimer
Theme 3 – Education and Innovation
Georgian A
Chair: Raymond Pong

- Research Goes to the Cinema: Transforming Rural Health Research into a Documentary Film
  Primary author: Kate Tilleczek
  Co-author(s): Raymond Pong, Katherine Boydell, Hoi Cheu, Elizabeth Wilson, Tiziana Volpe

- An Educational Programme to Foster Collaborative Teamwork for Rural Teams
  Primary author: Jean Ross
  Co-author(s): Keith Royce

- Sustainable Development and New Zealand Rural Practice Nurses
  Primary author: Trish Wright
  Co-author(s): Hilary Graham-Smith

- Building Rural and Northern Research Capacity through Partnership: The Northern Ontario Perinatal and Child Health Survey Consortium
  Primary author: Susan Snelling
  Co-author(s): Louise Picard, Robert Barnett

Theme 4 – Clinical Practice/Physical and Work Environments
Georgian C
Chair: John C. Hogenbirk

- Machinery-Related Agricultural Entanglement and Caught-In Injuries in Canada, 1990 – 2000
  Primary author: Judith Guernsey
  Co-authors: Elaina MacIntyre, Norma Alberg, Glen Blahey, Rob Brison

- Strategies to Evaluate Line of Sight and Driving Posture for Mobile Mining Equipment Operators with a Focus on Vehicle Design Modifications and Industry Training
  Primary author: Tammy Eger
  Co-authors: Paul Dunn, Alan Salmoni, Virtual Reality Research Group

- Hospital Restructuring and the Psychosocial/Mental Health of Northern Ontario Nurses
  Primary author: Judith M. Horrigan
  Co-authors: Ellen Rukholm, Patricia Hill Bailey

- Nurse Practitioners as Partners in Public Health in Northern Ontario - Recruitment and Retention Issues
  Primary author: Isabelle Michel
  Co-authors: Anne Ehrlich, Bonnie Lynn Wright
12:00 – 13:30 Networking Lunch & Inauguration of the International Council of Nurses Rural and Remote Network (ICN RRNN)
   Solarium Garden Court

13:00 – 13:30 Poster Presentations Open
   Solarium Garden Court

13:30 – 15:00 CONCURRENT SESSIONS

Theme 1 – Health Care Organization, Policy & Resource Allocation
   Georgian B
   Chair: Helen J. Lee

   ▪ Rural Versus Urban Residence: Factors Influencing the Use of Home Care Service
     Primary author: Pamela Hawranik
     Co-authors: Laurel Strain

   ▪ Managing Continuity of Care for Children with Special Needs in Rural and Remote Parts of Northern Ontario
     Primary author: Bruce Minore
     Co-author(s): Margaret Boone, Alison Arthur, Julia O'Sullivan, Tom Walters

   ▪ "The Best of Both Worlds" Rural Health and Community Based Service Delivery in the Calgary Health Region
     Primary author: Barbara S. Shellian
     Co-author(s): Lori Anderson, Valerie Congdon

   ▪ Satisfaction with Rural Mental Health Services as a Function of Service Organization
     Primary author: J. Renée Robinson

Theme 2 – Rural Communities
   Georgian D
   Chair: Karen Kelly

   ▪ Undertaking Indigenous Research in Productive Partnership that Enables Quality and Meaningful Outputs
     Primary author: Andrea M. Corbett

   ▪ The Influence of Rurality on Community Participation in a Community Health Development Initiative
     Primary author: Nancy Findholt
     Co-author(s): Linda McCauley, Tom Arcury, Jean Shreffler-Grant, Nancy Glass
13:30 – 15:00

- Patient Compliance with Teletriage: Are There Rural-Urban Differences
  Primary author: Sandy Lemieux
  Co-author(s): John C. Hogenbirk, Raymond Pong, Hui Lee, Ben Chan

- Educational Preparation of Rural Maternity RNs in Canada
  Primary author: Jennifer Medves
  Co-author(s): Roger Pitblado, Lela Zimmer, Martha MacLeod, Norma Stewart

**Theme 2 – Rural Communities**

*Georgian E*

Chair: Patricia Martens

- Quality of Life and Mental Well-Being: Improving the Network of Support for Isolated Seniors in Eastern Charlotte County, New Brunswick
  Primary author: Gwen Lister

- Mothering and Serious Mental Illness in Northern Ontario
  Primary author: Phyllis Montgomery
  Co-author(s): Roger Pitblado, Ramamohan Veluri

- Does Living in Rural Areas Make a Difference for Health in Quebec?
  Primary author: Robert Pampalon
  Co-author(s): Jérôme Martinez, Denis Hamel

- Rural Youth Violence: A Quantitative Study
  Primary author: Judith Kulig
  Co-author(s): Barry Hall, Ruth Grant Kalischuk

**Theme 3 – Education and Innovation**

*Georgian A*

Chair: Angeline Bushy

- Rural Health for Advanced Practice Nurses
  Primary author: Sally J. Reel

- On-Line Nursing Education at Laurentian University: A Well-kept Secret
  Primary author: Ellen Rukholm
  Co-author(s): Lorraine Carter

- Interdisciplinary Course for Rural Professionals
  Primary author: Jennifer Medves
  Co-author(s): John H. Young, Elaine Smith, Margo Patterson, Brian McAndrews, Denise Bowes

- Interprofessional Education - A Starting Point to Overcoming Professional Isolation in Primary Health Care Networks
  Primary author: Ian Blue
13:30 – 15:00  Theme 5 – *Methodological Issues*
Georgian C
Chair: Lori Lockinger

- *Strengthening Rural Women’s Health Research in Canada*
  Primary author: Beverly D. Leipert

- *Rural Community Perceptions in Conducting Local Needs’ Assessments*
  Primary author: Barbara M. Gfellner
  Co-author(s): Kimberly Ryan-Nicholls, John Everitt

- *The Impact of Community Involvement on Study Design: Development and Evaluation of a Rural and Remote Memory Clinic*
  Primary author: Allison Cammer
  Co-author(s): Debra Morgan, Margaret Crossley, Andrew Kirk, Jay Biem, Carl D'Arcy, Dorothy Forbes, Norma Stewart

15:00 – 15:30  Break

15:30 – 17:00  Rural and Northern Health Research in the CIHR
“Developing a National Strategy to Increase Capacity in Rural and Northern Health Research in Canada”

- Ginette Thomas
  Georgian D/E
  Chair: James A. Dosman

17:00  Conference Day Concluded

17:00 – 18:00  5th National Canadian Rural Health Research Society Annual Meeting
Georgian B

18:00  Banquet and entertainment (ticket purchase necessary)
Solarium Garden Court
MC: Ellen Rukhom
07:00 – 08:00  International Rural Nursing Meeting Breakfast
                Rib Room Dining Lounge

08:00 – 12:00  Conference Registration
                Foyer, Howard Johnson Hotel

09:00 – 10:00  Keynote Speaker
                Dr. David Pearson, Laurentian University
                Turning Up the Heat on Rural Health
                Georgian D/E
                Chair: Bruce Minore

09:00  Poster Presentations Open
                Solarium Garden Court

10:00 – 10:30  Break

10:30 – 12:00  CONCURRENT SESSIONS
                Theme 1 – Health Care Organization, Policy & Resource Allocation
                Georgian D
                Chair: Jeri Dunkin

                ▪  Does the Employment Sector and Geographical Location Impact Upon Nurses’ Perceptions of Nursing and Nursing Work?
                  Primary author: Desley Hegney
                  Co-author(s): Ashley Plan, Victoria Parker

                ▪  Working Together in a Challenging Environment
                  Primary author: Karen Francis

                ▪  Health Service Use Among People With Mental Health Disorders: Striking Findings for Manitoba’s RHAs
                  Primary author: Randy Fransoo
                  Co-author(s): Patricia Martens, The Need To Know Team

                ▪  Support of Advanced Practice: Issues for Nurses in Rural and Remote Canada
                  Primary author: Donna Bentham
                  Co-author(s): Martha MacLeod
10:30 – 12:00

**Theme 2 – Rural Communities**

*Georgian B*

Chair: Yvon Cormier

- *Differential Risk for Incidence Asthma Among Children Living in Urban, Rural and Farming Neighbourhoods in Canada*
  Primary author: **William Midodzi**
  Co-author(s): Ambikaipakan Senthilselvan

- *Spatial Analysis of Congenital Anomalies and N03-N Levels of Drinking Water in Kings County, Nova Scotia, 1988-2002*
  Primary author: **Jessica Meijer**
  Co-author(s): Robert Gordon, Alexander Allen, Judith Guernsey

- *Long Distance Travel for Cancer Treatment: Physical, Financial, Emotional, and Social Impact*
  Primary author: **Nancy Lightfoot**
  Co-author(s): Shawn Steggles, Rachelle Arbour-Gagnon, Michael Conlon, Connie Innes, Lisa O'Bonsawin

- *Understanding Regional Strengths, Accounting for Regional Diversity: Maintaining Community Health in a Case Study Community in Rural Nova Scotia*
  Primary author: **Katherine Side**
  Co-author(s): Janice Keefe

**Theme 2 – Rural Communities**

*Georgian E*

Chair: Roger Pitblado

- *The Impact of Place on Rural Grandmother-Grandchildren Families*
  Primary author: **Elizabeth A. Thomas**

- *Community Resiliency and Health Status: Are There Links?*
  Primary author: **Judith Kulig**
  Co-author(s): Dana Edge, Judith Guernsey

- *Social Capital and the Rural Appalachian Family: The Value of Kin Networks*
  Primary author: **Sally J. Reel**

- *Access to Care in Rural Communities for Disadvantaged Persons in Canada and the United States*
  Primary author: **Laurie Goldsmith**
10:30 – 12:00

**Theme 3 – Education and Innovation**

**Georgian A**

Chair: Suzanne Caty

- *Medical Education for Rural Practice: Some International Comparisons*
  Primary author: Geoffrey Tesson
  Co-author(s): John C. Hogenbirk, Raymond Pong, Roger Strasser

- *Nursing Students Considering Rural Practice: Who Are They and How Can They Be Supported?*
  Primary author: Angeline Bushy
  Co-author(s): Beverly Leipert

- *Continuing Education for Rural and Remote Nurse Practitioners*
  Primary author: Brenda Halabisky
  Co-author(s): Suzanne Doucette, Jennie Jumbert

- *Innovative Approaches to Community and Student Engagement in Rural Policy Change*
  Primary author: Lynn Langille
  Co-author(s): Renee Lyons, Arthur Bull, Ishbel Munro, Todd Barr, Malcolm Shookner

**Theme 6 – Aboriginal Health**

**Georgian C**

Chair: Bruce Minore

- *At the Heart of Communities: Addressing Health Issues for First Nations Children in on-Reserve Child Care Settings in British Columbia*
  Primary author: Margo Greenwood
  Co-author(s): Sarah de Leeuw

- *Can the Turtle Care for Mother Earth, and Her Children? A Path Toward a Community Model for "Being Well"*
  Primary author: Roger T. Couture

- *Aboriginal HIV/AIDS Prevention: The UOI Prevention Model*
  Primary author: Sheila Hardy
  Co-author(s): Basanti Majumdar, Lisa Tabobondung

- *Promoting Balance and Wellbeing Through Healing with the Drum: A Canadian Aboriginal*
  Primary author: Ghislaine Goudreau
  Co-author(s): Sheila Hardy

12:00 – 13:30

Lunch (On your own)

12:00 – 13:30

Canadian Rural Health Research Society Board Meeting

Suite 251
13:00 Posters Closed
13:30 – 15:00 CONCURRENT SESSIONS

Theme 1 – Health Care Organization, Policy & Resource Allocation
Georgian D
Chair: Meg McDonagh

- Factors Affecting Response to Non-Urgent Health Problems
  Primary author: **Marilyn Hodgins**
  Co-author(s): Marilyn Merritt-Gray, Judy Wuest

- To Stay or Not To Stay? How Training Family Physicians in Northern Ontario Influences This Decision
  Primary author: **Denis Heng**
  Co-author(s): Raymond Pong, Miriam McDonald, Tom Crichton

- Rural-Urban Differences in Canadian Medical Practice: The Importance of Physician, Patient and Geographic Characteristics
  Primary author: **John C. Hogenbirk**
  Co-author(s): Raymond Pong, Roger Strasser, Geoff Tesson

- Do Rural Physicians Practice Differently Than Urban Physicians? Evidence from a Canada-Wide Survey of Family Physicians
  Primary author: **John C. Hogenbirk**
  Co-author(s): Raymond Pong, Geoff Tesson, Roger Strasser

Theme 2 – Rural Communities
Georgian B
Chair: Dana Edge

- Rural Farmers’ Experience in Living With Prostate Cancer Following Diagnosis and Treatment
  Primary author: **Darren Gronvold**
  Co-author(s): Karren M. Semchuk

- Cessation of Swine Barn Exposure Results in Reduction in Yearly Lung Function Decline in Farmers
  Primary author: **Vaneeta Kaur Grover**
  Co-author(s): A. Senthilsevan, James A. Dosman, Liliane Chénard, Nathalie Delmaire, Shelley Kirychuk, Ernie Barber, Chuck Rhodes, Sandra Halliday

- Physical and Mental Well-Being in Rural Communities in Canada, 2002
  Primary author: **Connie H. Nelson**
  Co-author(s): Jungwee Park

- Demographic and Community Factors Affecting Dental Visits in Rural Areas
  Primary author: **Derek R. Wilkinson**
Theme 2 – Rural Communities
Georgian E
Chair: Judith Guernsey

- Why There Is a Place for Place in Health Research? Placing Rural Health on the Agenda
  Primary author: Raymond Pong
  Co-author(s): Marie Desmeules, Roger Pitblado, Denis Heng

- Health Region Taxonomies II: Rural-Urban Continua in Canada
  Primary author: Roger Pitblado
  Co-author(s): Irene Koren, Denis Heng, Claudia Lagacé

- How Healthy Are Rural Canadians? Insights from an Analysis of the Canadian Community Health Survey and the Canadian Cancer Registry
  Primary author: Claudia Lagacé
  Co-author(s): M. Desmeules, R. Semenciw, F. Wang, D. Heng, Raymond Pong, Roger Pitblado

- Patterns of Health Services Use in Rural Nova Scotia: Insights from the Canada’s Rural Communities Study
  Primary author: Judith Guernsey
  Co-author(s): Y.Y Li, C. Lagacé, D. Heng, M. Shookner, M. Desmeules, Raymond Pong

Theme 3 – Education and Innovation
Georgian A
Chair: Barbara S. Shellian

- Distributed Learning as Rural Empowerment: An Examination of the NOMS Distributed Clinical Learning Site Model
  Primary author: Robert Barnett
  Co-author(s): David Boyle, MarthaMusicco, Orpah McKenzie, Jim Harold

- Utilizing Online Strategies to Foster Interdisciplinary Rural Community Immersion and Assessment Education
  Primary author: Sally J. Reel

- Critical Access Hospitals (CAH): Nursing Practice and Education Needs
  Primary author: Angeline Bushy

- Preparation for Rural Practice: An Innovative Approach to Undergraduate Nursing Education
  Primary author: Karen Francis
  Co-author(s): Merylin Cross, Mollie Burley
13:30 – 15:00  
**Theme 4 – Clinical Practice/Physical and Work Environments**  
Georgian C  
Chair: Kate Tilliczek

- *Scope of Registered Nursing Practice in Rural & Remote Canada*  
  Primary author: Norma Stewart  
  Co-author(s): Martha MacLeod, Judith Kulig, Jennifer Medves

- *The Academic Nursing Center: Education and Research Through Practice*  
  Primary author: Jeri W. Dunkin  
  Co-author(s): Melondie Carter

- *Nursing Students Studying in the North Practice in the North: Reality or Myth?*  
  Primary author: Sylvie Larocque  
  Co-author(s): Suzanne Caty

15:00 – 15:45  
Closing Remarks  
Georgian D/E  
Chair: Stephen Bornstein

15:45 – 18:00  
Research Group Meetings  
Georgian D/E
GUEST SPEAKERS
GINETTE THOMAS

Ginette Thomas is the Project Director for the Rural and Northern Health Research initiative at the Canadian Institute of Health Research (CIHR) where she is currently working on national strategy to increase capacity in rural and northern health research in Canada. She joined CIHR in January 2001 at which time she worked with the Scientific Director of the Institute of Aboriginal Peoples’ to establish that institute.

In October 2002, she took on the current position as lead for the Rural and Northern Health Research initiative. Her graduate studies are in Public Administration and has a specific interest in public policy decision-making.

She has extensive experience in the development of Aboriginal health policy at the federal level, and she also worked at DIAND (Indian and Northern Affairs on projects in the NWT and the Yukon.

JUDITH SHAMIAN, RN, PhD

She is currently the President and CEO of the Victorian Order of Nurses. She formerly held the title of Executive Director of Nursing Policy with Health Canada and is a Professor in the Faculty of Nursing at the University of Toronto. Judith was also the President of the RNAO from 1998 to 1999.

Dr. Shamian obtained her PhD from Case Western Reserve, Cleveland, Ohio, her Master’s in Public Health from New York Universitly, and her Baccalaureate in Community Nursing from Concordia University in Montreal.

She has published and spoken extensively in North America and internationally. Dr. Shaian is known for her commitment to professional excellence in practice, education, and research. Her continuous interest in health care politics and policy and international health is well known. She is the 1995 recipient of the Ross Award for Nursing Leadership and was awarded the Golden Jubilee Medal in 2002 by the Governor General of Canada.

DR. DAVID PEARSON

He is a professor of Earth Sciences and member of the Cooperative Freshwater Ecology Unit at Laurentian University with an interest in Sudbury lakes.

From 1980-86 he was the Project Director and founding Director of Science North. He has hosted two TV series: “Understanding the Earth” (TV Ontario) and “Down to Earth” CBC Northern Ontario’s weekly Radio Lab” from 1982 to 1997. He is a part-time member of the Ontario Environmental Review Tribunal and Chair of the Ontario Office of the Canadian Climate Impacts and Adaptation Research Network.

In 2000 David received the Geological Association of Canada’s Ward Neale Medal for public communication of the earth sciences, and in 2003 received the McNeil Medal of the Royal Society of Canada for public communication of science. He writes editorial page commentaries on environmental topics for community newspapers in Ontario as a member of the Osprey Writers Group.
POSTER SESSIONS

October 22, 2004 – PM
and
October 23, 2004 – AM
Solarium Garden Court

- **Characterising Rural Primary Care**
  Gillian M. Swan, D. Godden, S. Selvaraj, K. Walker

- **Training Needs Evaluation for Rural Health Staff**
  Gillian M. Swan, D. Godden, S. Selvaraj, K. Walker

- **Trust in Management and its Relation to Job Satisfaction and Intentions to Remain for Northern BC Nurses**
  Heather Smith, Rick Tallman, Karen Kelly

- **Whole-Body Vibration Exposure Experienced by Mining Equipment Operators**
  Tammy Eger, A. Salmoni, Vibration Research Group

- **Barriers to Recruitment and Retention of Health Professionals in Rural Nova Scotia**
  Bradley Osmond, Renee Lyons, Cathy Leslie, Lynn Langille

- **Predictors of Community Support Use By Caregivers of Those with Alzheimer Disease in Rural and Urban Settings in Saskatchewan, Canada**
  Natalie Pelletier

- **The Winning Partnership of Technology, Health & Distance Education at NORTH Network**
  Jennifer Michaud, Lorraine Carter

- **Culture, Heritage and Leisure: A Rural Community Venue**
  Barbara M. Gfellner, Gerald D. Dueck

- **A Toxicogenomic Approach to the Assessment of Rural Drinking Water Contaminants**
  Lalita Bharadwaj, Karan Dhami, David Schneberger, Marianne Stevens, Adnan Ali

- **A Population-Based Study of Mental Illness Treatment Prevalence in Manitoba by Region, Sex and Income**
  Patricia J. Martens, The Need to Know Team, Randy Fransoo, Charles Burchill
POSTER SESSIONS cont’d…

- **NEMO: Polymorphic Analyses in the Toll-Like Receptor 4 Pathway**  
  Merry-Lynn McDonald, Alita Bharadwaj, Donna Rennie, David Schneberger, James A. Dosman

- **Collaboration Among Health Professional Working in Remote Areas: The Case of James Bay Cree Territories**  
  Lilly Lessard, Diane Morin

- **A Collaborative Approach to Evaluation of Knowledge Translation Initiatives**  
  Sarah Bowen, The Need to Know Team, Patricia Martens

- **An Investigation of the Relationship Between Endotoxin, Tobacco Smoke Exposure and the Presence and Severity of Asthma and Asthma-Like Symptoms**  
  Josh Lawson

- **A Literature Review of the Impact of Social Capital on the Spread of HIV/AIDS in Rural Communities**  
  Anelise Santo, Tara Lyons

- **A Literature Review on the Impact of HIV/AIDS on Rural Aboriginal Communities**  
  Anelise Santo, Tara Lyons

- **A Single Extraction of Dust and Endotoxin From a Glass Fibre Filter May Not Accurately Reflect Ambient Air Concentration**  
  Justin Gawaziuk, James A. Dosman, P. Willson

- **Assessment of Indoor Environmental Agents Associated with Housing in Estevan, Saskatchewan**  
  Justin Gawaziuk, C. Paterson, James A. Dosman, P. Willson, D. Rennie

- **Family and Service Provider Perspectives on Pathways to Mental Health Care for Children and Youth in Rural Communities**  
  Katherine Boydell, Raymond Pong, Tiziana Volpe, Kate Tiliczek, Elizabeth Wilson, Sandy Lemieux

- **Patterns of Pharmaceutical Use and Mental Health Disorder Diagnoses in Manitoba: A Population Based Study**  
  Heather Prior, Elaine Burland, Patricia Martens, The Need to Know Team

- **Suicide Attempts in Manitoba: Population-based Indicators**  
  Nancy A. McKeen, Patricia J. Martens, Charles Burchill, Dan Chateau, The Need to Know Team

- **Suicide in Manitoba: Population-based Risk Factors**  
  Nancy A. McKeen, Patricia J. Martens, Dan Chateau, Charles Burchill, The Need to Know Team
POSTER SESSIONS cont'd…

- Understanding and Addressing the Determinants of Unhealthy Body Weights and Type 2 Diabetes in Rural Aboriginal Women: Translating Knowledge into Practice
  Brenda Lindstrom, Karen Chad

- Effect of Work Cessation on Lung Function in Exposed Swine Farmers: Results of a Fourteen-Year Follow-Up
  Liliane Chénard, ASenthilsevan, James A. Dosman, Vaneeta K. Grover, Nathalie Delmaire, Ernie Barber, Chuck Rhodes, Sandra Halliday

- Higher Use of Home Care and Personal Care Home Services Among Manitoba Residents with Mental Health Disorders
  Elaine Burland, Randy Fransoo, Patricia J. Martens, The Need to Know Team, Oke Ekuma, Heather Prior, Charles Burchill

- The Nature of Nursing Practice in Rural and Remote Canada
  Martha MacLeod, Judith Kulig, Norma Stewart, Roger Pitbaldo

- Waiting Times for Cancer Care in Canadian Children: Impact of Distance, Clinical, and Demographic Factors
  Julia Klein-Geltink, Lisa M. Pogany, Ronald D. Barr, Mark L. Greenberg, Leslie S. Mery

- The Epidemiology and Transmission of Pertussis: 1995-2003
  David Vickers, Punam Pahwa

- Pap Testing in Young Women Attending High School in Rural Nova Scotia
  Donald B. Langille, Jean Hughes, Gail Tomblin Murphy, Janet Rigby

- Role of Dendritic Cells in the Viral-Induced Enhanced Antigen Sensitization in Hypersensitivity Pneumonitis (HP)
  Melissa Girard, Evelyne Israel-Assayag, Yvon Cormier

- Developing and Evaluating a Culturally Sensitive Assessment Protocol for the Detection of Cognitive Impairment and Dementia through a Partnership with Aboriginal Seniors
  Shawnda Lanting, Margaret Crossley, Louise Dufour, Leslie MacBain