

**Research &
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Research & Performance Support News

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What's New in Research?

Research and Performance Support (RPS) is hosting the third annual *Research Showcase* on June 5, 2009. The goal of this conference is to increase awareness and recognition of research occurring within the Regina Qu'Appelle Health Region (RQHR) and to facilitate the sharing of knowledge obtained through local research activities.

In response to its growing popularity, this year's event will be hosted in a larger facility that can accommodate a greater number of posters and will provide an improved viewing area. For ease of use, on-line poster and conference registration forms will also be available.

All staff, residents, interns or research associates who have been involved in any type of research activities within the past two years are urged to submit an abstract. Eligible projects include not only conventional research studies, but all types of program evaluations, demonstration projects, or quality assurance/improvement initiatives.

Abstracts will be externally adjudicated and the three top studies will receive a \$500 travel bursary to assist the team in sharing their findings outside of the RQHR.



RESEARCH SHOWCASE 2009

Putting RQHR Research on the Map

MARK YOUR CALENDARS!

Research Showcase 2009
Radisson Plaza
Hotel Saskatchewan
Friday June 5th
1:00 pm to 5:00 pm

Registration deadline:
May 15, 2009

Deadline for abstract submission:
Friday April 3, 2009

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Preparing an Abstract

The most important strategy for preparing an abstract is to focus on four main points: Why the work was done, how the work was carried out, what was found, and potential implications. This information is typically conveyed through the following sections:

Title: Should be clear and informative.

Introduction: Provides information as to why the study was conducted and a concise research objective.

Methods and results section: Describes the design of the study and details what was found.

Conclusion: Lists potential implications and the importance of the study.

Helpful Hints:

- * Limit word count to approximately 350 words
- * Use simple, declarative statements
- * Avoid jargon and specific names of drugs and devices, unless central to the study
- * Spell check, spell check, spell check!

Please refer to our website or contact our department for further assistance.

Please plan now to share the results of your recent research endeavours at Showcase 2009! Visit the RPS website for the official *Call for Abstracts* and other important information:

[www.medi-fax.com/rhd/crdp/
Showcase2009/Showcase2009.html](http://www.medi-fax.com/rhd/crdp/Showcase2009/Showcase2009.html)

We're on the Web!
www.medi-fax.com/rhd/crdp

Visit the RPS Website!

Find all of the latest news on research, and Research Ethics Board guidelines on the RPS website!

<http://www.medi-fax.com/rhd/crdp/>

Research Spotlight:

RQHR Physical Therapist Uses Technology to Guide Decisions in Treatment Process

For some children and adults with conditions like cerebral palsy and spina bifida, impaired mobility is a significant barrier to participation in daily activities.



Kyra Kane, RQHR Physical Therapist
 Children's Program

Physical therapists, orthotists, and doctors are often involved in making complex decisions about which braces and other treatments will best help these individuals walk more independently and efficiently.

Kyra Kane, a Children's Program Physical Therapist and graduate student in the

Faculty of Kinesiology and Health Studies at the University of Regina, and Dr. John Barden, Assistant Professor in the Faculty of Kinesiology and Health Studies, have initiated several research projects using 3-dimensional computerized gait analysis technology to help make these treatment decisions easier.

This technology uses high-speed cameras to track the child's movement in three dimensions, providing more detailed and accurate information than visual assessment alone. This information is used by doctors and therapists to guide treatment decision-making and to evaluate the effectiveness of those treatments.

A pilot project is underway to provide ongoing gait analysis services for children within the RQHR.

Research in the Region

A summary of RQHR research projects approved by the Research Ethics Board between October 1, 2008 and December 31, 2008.

A gathering of support: Developing an aboriginal grassroots research network on HIV/AIDS. Investigators: Dr. C. Bourassa, R. Horsefall, Dr. M. Hampton, R. Jackson, & K. McKay-McNabb (Native Health Services).

A safety and efficacy trial evaluating the use of Apixaban in the treatment of symptomatic deep vein thrombosis and pulmonary embolism. Investigators: Drs. D. J. McCarville & D. Kopriva (Vascular Surgery).

AMPLIFY extension: A safety and efficacy trial evaluating the use of Apixaban for the extended treatment of deep vein thrombosis and pulmonary embolism. Investigators: Drs. D. J. McCarville & D. Kopriva (Vascular Surgery).

Trunk muscle activity during balance tasks in children with developmental coordination disorder. Investigators: K. Kane, Drs. J. Barden, J. LeDrew, & C. Chamberlin (Children's Program).

Outcome of male breast cancer— A chart review. Investigators: Dr. P. Tai & J. Tonita (Oncology).

A multicenter, randomized, double-blind, phase 3b trial to evaluate the efficacy and safety of Saxagliptin added to insulin monotherapy or to insulin in combination with Metformin in subjects with type 2 diabetes who have inadequate glycemic control on insulin alone or on insulin in combination with Metformin. Investigators: Drs P. Duffy, H. Rehman, & C. Obrugewitsch (Internal Medicine).

Yogurt supplementation and antibiotic-associated diarrhea. Investigators: R. Nasser, J. Coleman, L. Allan, C. Ho, M. Selinger, B. Wack, & S. Yip (Clinical Nutrition Services).

Implementation of consensus recommendations in the management of Canadian patients with non-variceal upper gastrointestinal bleeding: A national cluster randomized trial of a tailored multifaceted intervention. Investigators: Drs. J. D. McHattie & A. Barkun (Gastroenterology).

Psychometric examination of the health cognitions questionnaire. Investigators: Dr. H. Hadjistavropoulos, J. Janzen, J. Leclerc, M. Bourgault-Fagnau, & M. Kehler (Department of Psychology).

Descriptive analysis of the HIV patient population profile in the prairie provinces and northwest Ontario. Investigators: D. Rodger, M. Becker, Drs. J. Gill, S. Skinner, & S. Shafran (Infectious Diseases).

Twin Valleys Primary Health Services patient satisfaction survey. Investigators: M. Petrychyn & D. Lewis (Primary Health Care).

RQHR employee survey: Employee input and comment on a food and nutrition policy for the region. Investigators: S. Cook, A. Bell, S. Matt, & A. Engel (Clinical Nutrition Services).

Intervention to improve beta-lactam allergy documentation. Investigators: L. Zulyniak, Dr. L. Sulz, M. Mcleod, L. Ruda, & L. Ogilvie (Pharmacy).

Pain, anxiety, and health behaviours among older caregivers. Investigators: Dr. H. Hadjistavropoulos, N. Pugh, & Dr. T. Hadjistavropoulos (Department of Psychology).

Gait analysis before and after total knee replacement (TKR) surgery. Investigators: Drs. J. M. Barden, P. Liu, V. Bubbar, F. DeJager, & K. Kane (Kinesiology and Health Studies).

National patterns of care study in prostate cancer radiotherapy. Investigator: Dr. R. Koul (Oncology).

Interventions in a medical teaching unit: Effect of a pharmacist attending rounds versus reactive patient care efforts. Investigators: Z. Dumont, L. Kolodziejak, A. Martinson, & N. Bidwell (Pharmacy).

Practice patterns in cataract surgery of Canadian Ophthalmological Society (COS) members. Investigators: Dr. L. Ong-Tone, & A. Bell (Ophthalmology).

Quality assurance of a pharmacist-managed anticoagulation management service. Investigators: Dr. L. Sulz & A. Reaume (Pharmacy).

Annual influenza immunization among health care workers in the intensive care units: Acceptance and attitudes. Investigators: Drs. F. Aghajafari, M. Markovski, C. Rocha, & S. Habib (Family Medicine).

Medication use in long-term care: An examination of medication-related outcomes as influenced by different pharmacy care models. Investigators: A. Wiebe, Dr. W. Semchuk, D. Kuntz, & A. Brewer (Pharmacy).

A study to determine the quantity, distribution and chemical form of iron and other metals in endometriosis. Investigators: Drs. J. A. Thiel, C. Mircea, H. Kamenicic, K. Lortie, & H. Nichol (Gynecology and Obstetrics).