DEPARTMENT OF FAMILY MEDICINE
Faculty of Medicine & Dentistry
University of Alberta

Research & Scholarly Activity Report 2014
FAMILY MEDICINE RESEARCH & SCHOLARLY ACTIVITY REPORT 2014

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MESSAGE FROM THE DEPARTMENT CHAIR

2014 has been a year of continued growth in research in the Department, both in the number and the scale of projects, with a steady increase in the level of teamwork. The list of grants received and projects launched and the long lists of publications and presentations are impressive not only for their numbers, but for the number and range of people collaborating on them – both within the Department across disciplines. Also very noteworthy is the significant and rising quantity and sophistication of other scholarship, particularly quality improvement, in the Department. The huge range of funders and other entities supporting the research and QI activities demonstrates the value of the Department’s work to a wide range of stakeholders.

This year the foundation stones for even greater collaboration, team science, and value to society were laid. The research networks in Alberta (NAPCRN and SAPCRN), the two Alberta nodes of the Canadian Primary Care Sentinel Surveillance Network, the research teams supported by the Translational Health Chair in Community-Partnered Scholarship in Primary Care and the Capital Health Chair in Primary Care Research, and the SPOR Primary and Integrated Health Care Network (PIHCIN) team have initiated discussions to form an Alberta Primary Health Care Research Network under the auspices of the Primary Care Strategic Clinical Network. That would be a tremendous step toward a province-wide research collaboration of unprecedented power. Stay tuned!

- Dr. Lee Green, Professor and Chair
  Department of Family Medicine
  Faculty of Medicine & Dentistry
Our research program has grown during 2014 and so has our space. June 27, 2014 marked the first day of the move of our research offices from the College Plaza building to the sixth floor of the University Terrace building. We are grateful to the university administration for enabling us to consolidate family medicine research space in one location and co-locate researchers in close proximity to one another.

2014 was a year of new beginnings for both the Centre for the Cross-Cultural Study of Health & Healing, which changed its name to the Centre for Health & Culture and for Andrea Gruneir, PhD, who joined our department as an Assistant Professor and health services researcher in the Division of Care of the Elderly.

As you read through this year’s report, you will find research related to our research themes of health services, medical education, care of the elderly, distinct populations and research relevant to the discipline of family medicine. You will also see work related to sports and exercise medicine, and evidence-based medicine. In terms of new initiatives, Dr. Neil Drummond, the Capital Health Chair in Primary Care Research, led a successful application to the Canadian Institutes for Health Research for the Alberta SPOR Primary and Integrated Health Care Innovations Network. The goal of this grant is to support evidence-informed transformation and delivery of primary and integrated health care. Dr. Lee Green established Enhancing Alberta Primary Care Research Networks (EnACT) which provides support infrastructure support to enhance Alberta’s existing practice-based research networks, including the Northern Alberta Primary Care Research Network (NAPCReN) and the Southern Alberta Primary Care Research Network (NAPCReN). EnACT’s mission is to support research in practice and support research on practice.

Of special note was the overwhelming media attention and debate received from the research paper titled, “Televised medical talk shows - What they recommend and the evidence to support their recommendations: A prospective observational study,” published by Dr. Christina Korownyk and the EBM group. It was the top story arising from the Faculty of Medicine & Dentistry, based on the audience reached - 37 stories reaching approximately 46 million people!

In terms of resident scholarly activity, residents are required to complete two practice quality improvement projects over the two-year residency program. This activity provides them with the skills needed to identify important indicators of quality of care and to determine how to evaluate quality of care provided within the practice setting. These are important skills for family physicians to have, as better quality of care is associated with better patient outcomes saving health care dollars.

In December 2014, we said farewell to Shufen Edmondstone who was with the Research Program for over 21 years as Research Administrative Assistant. She was an integral part of our team and her dedication, high quality work, and the creativity she brought to the job will be missed. We sincerely thank her for her long-time contributions to our department!

As always, we remain grateful to our colleagues, partners, collaborators and funders – Thank-you!

- Dr. Donna Manca, Director of Research

**MISSION:**
To promote, support, create and disseminate research knowledge and scholarly activity in the discipline of family medicine, increase research capacity in the Department of Family Medicine, and enhance the research skills of faculty members, residents and students.

**VALUES:**
- Excellence and quality in research and scholarly activity;
- Interdisciplinary collaboration on research activity;
- Highest ethical standards in the conduct of research projects; and
- The diversity of generalist family practice and the research questions that arise.
RESEARCH COMMITTEE

Research Committee Attendees

- Donna Manca, Committee Chair/Research Director
- Tanya Barber, Research Coordinator, EnACT
- Andrew Cave, Research Faculty/UAH Rep
- Bonnie Dobbs, Research Director, Division of Care of the Elderly
- Kimberley Duerksen, Family Medicine Research Coordinator
- Scott Garrison, Research Faculty
- Lee Green, Department Chair
- Andrea Gruneir, Research Faculty, Division of Care of the Elderly
- Shelley Ross, Medical Education Researcher
- Ginetta Salvalaggio, GNFMC Rep
- Olga Szafran, Associate Director (Research)
- Peter Tian, Research Coordinator, Division of Care of the Elderly
- Jean Triscott, Director, Division of Care of the Elderly
- Earle Waugh, Director, Centre for the Cross-Cultural Study of Health & Healing

Research Administrative Staff

- Shufen Edmondstone

Resident Research Representatives

2013/2014

- Grenvil Gracias
- Karen Leung
### Academic Faculty

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<th>Name</th>
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<tr>
<td>Allan, Michael</td>
<td>Associate Professor</td>
<td>Klein, Douglas</td>
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<td>Au, Lillian</td>
<td>Associate Professor</td>
<td>Kolber, Michael</td>
<td>Associate Professor</td>
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<td>Bahn, Hoan Linh</td>
<td>Associate Professor</td>
<td>Konkin, Jill</td>
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<td>Bell, Neil</td>
<td>Professor</td>
<td>Koppula, Sudha</td>
<td>Assistant Professor</td>
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<td>Brenneis, Fraser</td>
<td>Associate Professor</td>
<td>Korownyk, Christina</td>
<td>Associate Professor</td>
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<td>Campbell-Scherer, Denise</td>
<td>Associate Professor</td>
<td>Lebrun, Connie</td>
<td>Associate Professor</td>
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<td>Cardinal, Clifford</td>
<td>Assistant Professor</td>
<td>Manca, Donna</td>
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<td>Cave, Andrew</td>
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<td>Moores, David</td>
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<td>Chan, Karenn</td>
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<td>Nichols, Darren</td>
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<td>Assistant Chair, Admin</td>
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<td>Dobbs, Bonnie</td>
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<td>Donoff, Michel</td>
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<td>Schipper, Shirley</td>
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<td>Green, Lee</td>
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<td>Steblecki, Lisa</td>
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<td>Gruneir, Andrea</td>
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<td>Szafran, Olga</td>
<td>Associate Director (R)</td>
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<td>Humphries, Paul</td>
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<td>Tan, Amy</td>
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<td>Khera, Sheny</td>
<td>Assistant Professor</td>
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### Research Staff

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<tr>
<td>Aguilar, Carolina</td>
<td>Study Coordinator, BETTER</td>
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<tr>
<td>Alexanders, Iptisam</td>
<td>Research Administrative Asst</td>
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<td>Asselin, Gabriel</td>
<td>Post Doctoral Fellow</td>
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<tr>
<td>Babenko, Oksana</td>
<td>Statistician, MARD</td>
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<td>Barber, Tanya</td>
<td>Research Coordinator, EnAct</td>
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<tr>
<td>Bhardwaj, Param</td>
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<td>Duerksen, Kim</td>
<td>Research Coordinator, DFM</td>
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<tr>
<td>Edmondstone, Shufen</td>
<td>Research Administrative Asst</td>
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<td>Ferbey, Susan</td>
<td>Administrative Assistant</td>
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<td>Forst, Brian</td>
<td>Data Administrator, CPCSSN</td>
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<td>Heatherington, Melanie</td>
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<td>Humphries, Serena</td>
<td>Research Associate</td>
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<td>Johannson, Elizabeth</td>
<td>Rsch Acting/Finance Asst, DFM</td>
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<td>Lindsell, Meghan</td>
<td>Research Coordinator, MARD</td>
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<td>Lewis, Peggy</td>
<td>Secretary, Research Program</td>
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<td>Nirurban, John</td>
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<td>Olivier, Nicole</td>
<td>Research Assistant, EnAct</td>
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<td>Tian, Peter</td>
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<td>Pidborochynski, Tara</td>
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<td>Reib, Elisabeth</td>
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<td>Sopak, Nicolette</td>
<td>Qualitative Research Asst, BETTER</td>
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<td>Tassone, Frances</td>
<td>Research Assistant, MARD</td>
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<td>Taylor, Matthew</td>
<td>Data Administrator, EnAct</td>
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AWARDS & ACCOLADES

Faculty

- Dr. Andrew Cave was selected to be the recipient of the 2014 APEX Friend of Pharmacy Award by the Alberta College of Pharmacists and the Alberta Pharmacists’ Association.

- Dr. Paul Humphries was recipient of the Excellence in Humanism Award at the 2014 Celebration of Teaching through the Faculty of Medicine and Dentistry.

- Valerie Chan and Drs. Andrew Cave and Hoan Linh Banh received the 2014 Reviewers Choice Award for best abstract at the Annual Scientific Assembly of the Alberta College of Family Physicians, February 20, 2014, for the study, “Osteoporosis Prevention in Inhaled Corticosteroids Users in Alberta”.

- Dr. Jill Konkin completed the Masters in Clinical Sciences degree from the University of Western Ontario in 2014.

- Dr. Connie Lebrun was appointed the Chief Physician for the Canadian Olympic Team at the 2014 Sochi Winter Olympic Games.

- The following won the best poster award at the Celebration of Teaching and Learning, University of Alberta. McKinney M, Kirkham A, Smith KE, Ross S, Salvalaggio G, Dong KA. Development of an attitudinal assessment tool to evaluate health care learner attitudes towards inner city populations.

- Dr. Amy Tan obtained the Teaching Excellence Award bestowed by the Medical Students Association, for her work with first-year students.

Residents

- Kate Bacon, PGY1, received the Westview Physician Collaborative Leadership Award in recognition of her significant leadership role in both clinical and extracurricular activities that has had a demonstrable impact on improving the quality of resident experience within and beyond the residency program, furthering the FMRP education mission, and advocating on behalf of the specialty of family medicine.

- Lindsey Campbell, PGY2, was the recipient of the following awards:
  1. The Westview Physician Collaborative Leadership Award, in recognition of her significant leadership role in both clinical and extracurricular activities that has had a demonstrable impact on improving the quality of resident experience within and beyond the residency program, furthering the FMRP education mission, and advocating on behalf of the specialty of family medicine.
  2. The College of Family Physicians of Canada Family Medicine Resident Leadership Award.

- Trevor Day, PGY2, was presented with the following awards:
  1. Westview Physician Collaborative Clinical Excellence Award in recognition of his dedication to and excellence in the practice of family medicine, evidence-based clinical knowledge, excellence in teaching, professionalism and integrity.
  2. An Excellence Award in recognition of exceeding expectations and for being chosen as PCHT Resident of the Year by the Grey Nuns Hospital Department of Family Medicine.
• **Alyssa England**, PGY1, received an *Excellence Award* in recognition of exceeding expectations and for being chosen as *Resident of the Year* by the Grey Nuns Hospital Department of Cardiac Sciences.

• **Steve Hitchen**, PGY1, accepted the *Westview Physician Collaborative Clinical Excellence Award* in recognition of his dedication to and excellence in the practice of family medicine, evidence-based clinical knowledge, excellence in teaching, professionalism and integrity.

• **James Huang**, PGY2, obtained an *Excellence Award* in recognition of accomplishments for exceeding expectations and for being chosen *Resident of the Year* by the Grey Nuns Hospital Department of Geriatrics.

• **Kaili Hoffart**, PGY2, received an *Excellence Award* in recognition of exceeding expectations and for being chosen as *Resident of the Year* by the Grey Nuns Hospital Department of Palliative Care.

• **Michael Marino**, PGY2, received an *Excellence Award* in recognition of exceeding expectations and for being chosen as *Resident of the Year* by the Grey Nuns Hospital Department of Emergency.

• **Laura Matemisz, Anthony Seto** and **Alim Nagji**, PGY2s, were awarded the *Westview Physician Collaborative Research Award*, which recognizes residents who embrace the principles of evidence-based practice, contributes to clinical knowledge base through research and have developed a research proposal or has completed a research study that shows validity, innovation and originality.

• **Angela Ochs**, PGY1, obtained an *Excellence Award* in recognition of accomplishments exceeding expectations and for being chosen *Resident of the Year* by the Grey Nuns Hospital Department of Family Medicine.

• **Anthony Seto**, PGY2, received the following awards:
  1. The *Department of Family Medicine (DoFM) Resident Research and Scholarship Award* and the *DoFM Leadership Award*. The award recognizes the best research and/or scholarly works of a second-year family medicine resident in the Department of Family Medicine.
  2. The *CFPC Family Medicine Resident Award for Scholarly Achievement* which recognizes outstanding academic accomplishments. (Each Department of Family Medicine across Canada nominates one resident or team to receive the award.)
  3. The *Alberta Jenkinson & Stephen Buhl Award*. Recipients are selected on the basis of demonstrated qualities of leadership and collegiality and contributions made to the well-being of other residents. Recipients are seen as role models on the basis of their ability to contribute towards a pleasant and productive learning environment for other residents.
  4. The *Patricia Ann Peat Residency & Student Family Medicine Enhancement Award*, which recognizes and assists a medical student or family medicine resident who demonstrates a sincere interest in the discipline of Family Medicine to present research findings from family medicine/primary care research generated within the Department of Family Medicine at a provincial or national conference.

• **Erik Stilling**, PGY1, was recipient of the *T. R. Clarke Memorial Scholarship Award* in recognition of outstanding professional behaviour and accomplishments in the area of Obstetrics and Gynecology at the Grey Nuns Hospital.
• **Kelli Taylor**, PGY1-Red Deer, and **James Van Camp**, PGY1-Grande Prairie, received the *Dr. Lionel Adair Ramsay Memorial Award*. This award is given to two first-year RAN residents, one from Red Deer and one from Grande Prairie, who have made the greatest contribution in the past year to helping other residents in the Rural Alberta North Program.

• **Albert Woo**, PGY2, obtained the *DoFM Resident Peer Award*. The award is given annually to an urban family medicine resident in the final year of residency training. Selection is based on contribution to resident well-being, dedication to helping others, reliability, professional behaviour and collegiality.

**Students**

• **Isabelle Colmers**, medical student (Class of 2016), is the University of Alberta recipient of the 2014 *NAPCRG Student Family Medicine Primary Care Research Award*. Isabelle’s research project with Dr. Mike Kolber was to determine the prevalence and incidence of helicobacter pylori among patients who underwent gastroscopy in a rural northern Alberta community.

• **Carissa Samoluk’s** poster “*Contraception Use and Delivery On Campus*” (*Samoluk C, MacIntryre D, Konkin J*) won best undergraduate poster at the 7th Annual Women & Children’s Health Research Institute Research Day, November 12, 2014.
GRANTS RECEIVED (Peer-Reviewed)


**GRANTS RECEIVED (Peer-Reviewed) (cont.)**


- **Harper LA, Dobbs BM.** Stigma in Alzheimer’s Disease - Experiences with Alzheimer’s Disease and Their Caregivers. Covenant Health Research Grant. $5,000 (2014-2015)


- **Salvalaggio G, McCabe C, Wild C.** Enhanced Multidisciplinary Care for Inner City Patients with High Acute Care Use. Alberta Innovates - Health Solutions, Partnership for Research and Innovation in the Health System (PRIHS) LOI. $5,000 (2014)
2014 GRANTS RECEIVED from Northern Alberta Academic Family Physicians (NAAFP) Endowment Fund

The NAAFP Endowment Fund provides support (maximum $5,000) for family medicine projects that are deemed to benefit the department but are generally not supported by other mechanisms. The projects may be for educational innovations, residency or visibility, information technology innovations, or small scale research projects.


- **Szafran O, Bell N, Robertson S.** Patients’ Perceptions on Team-Based Care Within PCNs. $4,977 (2014-2015).


NON-FUNDED PROJECTS

- **Allan GM, Schipper S, Loeffler K, Ross D.** Using the Critical Thinking Skills Test to Predict Academic and Clinical Performance in a Family Medicine Residency Training Program.

- **Banh HL, Cave A, Cox C, Letassy N, Cor K.** Know your Diabetes Risk. Pharmacy Students Educating Adults About Their Risk for Diabetes in a Community Pharmacy Setting.

- **Banh HL, Sadowski C, Cor K, Cave AJ.** Assessment of Patient Performance and Acceptability of Different Inhaler Devices in Asthma and COPD.

- **Brenneis F, Konkin J.** Medical Students Multi-Year Tracking Study (MYTS).

- **Campbell-Scherer D, Green LA, Nease DE.** Development of an Interactive Model for Patient Panel Management in Family Practice: Evaluation of Depression and other Chronic Diseases as Markers of Patient Complexity.

- **Campbell-Scherer D, Triscott J.** Spectrum of Multimorbidity in Geriatric Patients.

- **Cave AJ, Cave MT, Tan A, Clandinin DJ, Levy M.** Effect on Faculty of Facilitating Third Year Clerk Groups Using Parallel Charts for Narrative Reflective Practice.

- **Dobbs BM, St Martin M, Charles L.** Retrospective Study on Adherence to Guidelines in Hospital Acquired Pneumonia.

- **Dobbs BM, Sung HY, Charles L, Salvalaggio G.** Substance Use in the Edmonton Inner City Older Population: A Pilot Study.


- **Garrison S, Allan GM, Kolber M, Korownyk C, Green L.** The INRange Randomized Controlled Trial.


- **Garrison S, Allan GM, Manca D, Drummond N, Heran B, Wong S.** Assessing the Quality of Oral Anticoagulant Therapy in Canadian Primary Care Practices: A Retrospective Study Using the Canadian Primary Care Sentinel Surveillance Network (CPCSSN).


- **Garrison S, Heran B, Su B.** Drug Responders Regression Model.

- **Garrison S, Heran B.** Bariatric Surgery Correlates.

- **Garrison S, Heran B.** Is Finasteride Use Associated With Seizures?

- **Garrison S, Heran B.** Sequence Symmetry Methods.
NON-FUNDED PROJECTS (cont.)

- **Janke F.** Do Mandatory Rural Rotations Work?


- **Keenan L**, Leakey J, Cobbin S. Caffeine as an Adjuvant to Over-the-Counter Analgesics for Postoperative Dental Pain: Scoping Review.

- **Keenan L**, Torrealba Y, Cable C. Practice and Work Pattern Differences Between Male and Female Orthodontists in Canada.

- Khabra K, **Keenan L**, Compton S. Oral Health in Community Dwelling of Older Adults.


- **Lebrun C**, Ross S. Barriers and Enablers for Canadian Health Professionals Using CAMP - An Electronic Athlete Database.

- **Lee A**, **Khera S**. Electronic Medical Records to Measure Continuity in Patient Care in a Family Medicine Residency Program.

- **Manca D**, Duerksen K, **Forst B**, Torti J, Leggett J, Martin K, Kotecha J, Lambert-Lanning A. Data Linking Projects in the CPCSSN.


- **Moores D**, **Chiodo M**. Education and Training for Quality and Safety in Primary Care - Roles of Significant Event Analysis in Quality Improvement.

- **Parmar J**, **Charles L**. Decision Making Capacity Assessment Training for Physicians.

- Peters A, **Dobbs B**, **Charles L**, **Tian P**. Investigating Memory Complaints in Primary Care: A Survey of Family Physicians.
NON-FUNDED PROJECTS (cont.)

- **Ross S, White J.** Are You on Facebook?

- **Salvalaggio G, Steblecki L, Duerksen K, Ross S.** Aiming for Change: An Educational Initiative to Improve Medical Student Knowledge, Skills, and Attitudes About Addiction.

- **Schipper S, Ross S.** Evaluation of the Triple-C Competency-Based Curriculum.

- **Szafran O, Waugh EH, Parent R.** Enhancing Cultural Diversity Awareness of Medical/Dentistry Students.

- **Torrealba Y, Linke B, Keenan L.** Effectiveness of the CAD-CAM Compare Software in Evaluating Tooth Preparations.

ONGOING PROJECTS


- **Bell N, Szafran O, Robertson S, Jacobs P, Williams B.** Multidisciplinary Team-Based Care and Medication Management in the Treatment of Patients With Type 2 Diabetes in Primary Care Settings: A Family Physician Survey. Sanofi Aventis. $35,000 (2009-2015).

OGONING PROJECTS (cont.)


ONGOING PROJECTS (cont.)


- **Gruneir A,** Herrmann N, Harel Z, Reg S, Shulman K. Lithium and Renal Disease in Older Adults. Canadian Institutes of Health Research. $64,827 (2013-2014).


- Keir P, **Ross S,** Dong S, **Nichols D.** Coaching the Coaches - Use of a Novel Faculty Development Tool to Improve Feedback to Medical Learners. Janus Research Grant, College of Family Physicians of Canada. $5,000 (2012-2014).


- **Klein D.** Promoting Sustainable Healthy Community Lifestyles Through a Wellness Network of Community Schools. Alberta Health Schools Wellness Fund. $5,000 (2012-2014).


ONGOING PROJECTS (cont.)


- **Lechelt K**, Triscott J, Peng J. Genetic Markers of Cognitive Health in Older Adults. Alberta Health Services, Emerging Research Team Grant. $300,000 (2011-2014).


ONGOING PROJECTS (cont.)


- Ross S. Practical Application of Motivation Theory to Health Professions Education: A Scoping Review and Examples of Practice. Society of Directors of Research in Medical Education. $4,000 (2013-2015).


ONGOING PROJECTS FUNDED BY Northern Alberta Academic Family Physicians (NAAFP) Endowment Fund

The NAAFP Endowment Fund provides support (maximum $5,000) for family medicine projects that are deemed to benefit the department but are generally not supported by other mechanisms. The projects may be for educational innovations, residency or visibility, information technology innovations, or small scale research projects.


- **Cave A, Banh HL, Cox C, Letassy N**. Feasibility for Pharmacists to Screen Adults for Pre-Diabetes and to Prevent the Development of Type 2 Diabetes With Implementation of Lifestyle Interventions in Alberta. $5,000 (2013-2014).


PUBLICATIONS - Peer Reviewed


PUBLICATIONS - Peer Reviewed (cont.)


- Charles L, Dobbs B, Triscott J, McKay R. Care of the elderly program at the University of Alberta: Meeting the challenges of treating an aging population. *Canadian Family Physician* 2014; 60(11): e521-e526.


• Giesbrecht GF, Dewey D, APoRN Study Team (Manca D). The effects of ‘does not apply’ on measurement of temperament with the Infant Behavior Questionnaire - Revised: A cautionary tale for very young infants. *Early Human Development 2014; 90(10): 627-634.*


• Harbin M, Turgeon RD, Kolber MR. Cardiovascular safety of NSAIDs. *Canadian Family Physician 2014; 60(3): e166. [Tools for Practice]*


• Kolber MR, Lau D, Eurich D, Korownyk C. Effectiveness of the trivalent influenza vaccines. *Canadian Family Physician* 2014; 60(1): 50. [*Tools for Practice*]


• Koppula S, Ross S. What the teachers told us: Results of a faculty development needs assessment survey. *Medical Education* 2014; 48(Suppl 1): 1. [*Abstract*]

• Koppula S. Integrated women’s health program. *Canadian Family Physician* 2014; 60(12): e593–e600.


• Korownyk C, Ross D, Fiorillo L. Novel treatment for infantile hemangiomas. *Canadian Family Physician* 2014; 60: e590. [*Tools for Practice*]


• Lindblad AJ, Allan GM. Aldosterone antagonists in systolic heart failure. *Canadian Family Physician* 2014; 60(2): e104. [*Tools for Practice*]


• Lindblad AJ, Makowsky M, Allan GM. Treating to target: Ready, fire, aim. *Canadian Family Physician* 2014; 60(6): 541. [*Tools for Practice*]


• Marin A, *Veats S, Charles L*. Comparison of a 4-week geriatric vs. integrated care of the elderly learning option for family medicine residents at the Department of Family Medicine and Division of Care of the Elderly, University of Alberta. *Canadian Geriatrics Journal* 2014 (Dec); 17(4): 158. [Abstract]


• McCormack, *Chmelinec JT*. Generic versus brand name: The other drug war. Is there any benefit to prescribing brand name medications versus generic brands? *Canadian Family Physician* 2014; 60(10): 911. [Tools for Practice]


• Morrow J, *Duerksen K*, Williamson T, **Manca D**. Cardiovascular and lifestyle risk factors associated with back pain. *Canadian Family Physician* 2014; 60(7): 522. [Abstract]


• Tam K, Banh HL. Attitudes of Alberta pharmacists pertaining to traditional Chinese practice and complementary alternative medicine. *Journal of Pharmaceutical Care & Health Systems* 2014; 1:2. [http://dx.doi.org/10.4172/jpchs.1000108]

• Taylor IC, Lindblad AJ, Kolber MR. Fracture healing and NSAIDs. *Canadian Family Physician* 2014; 60(9): e439. [Tools for Practice]


PUBLICATIONS/REPORTS (Non Peer-Reviewed)


- **Kolber MR, Vandermeer B, Allan GM.** Funding may influence trial results examining probiotics and *Clostridium difficile* diarrhea rates. *The American Journal of Gastroenterology* 2014; 109(7): 1081-182. [Letter to the Editor]


OTHER MEDIA/PUBLICATIONS/PRODUCTS

Internet Publications


Healthy Debate

The following articles can be found at [http://healthydebate.ca/2014](http://healthydebate.ca/2014)

- Milne V, Konkin J, Sullivan T. Controversy over closing rural hospitals. October 9, 2014. [Internet Publication]

- Milne V, Konkin J, Tepper J. How should we measure quality in home care? September 25, 2014. [Internet Publication]


- Milne V, Konkin J, Sullivan T. Physician-assisted death and euthanasia in Canada: Should it be legal or banned? August 7, 2014. [Internet Publication]


- Born K, Konkin J, Tepper J, Okun N. Pulling back the curtain on Canada’s rising C-section rate. May 29, 2014. [Internet Publication]


- Petch J, Konkin J, Tierney M. Medical marijuana: What doctors need to know about Canada’s new rules. February 20, 2014. [Internet Publication]


Podcasts

The following podcasts can be found at: [http://www.therapeuticseducation.org/bs-medicine-podcast](http://www.therapeuticseducation.org/bs-medicine-podcast)


McCormack J, Allan GM. (Episodes 236-7) We listen and respond to listener questions. April 14, 19, 2014.

McCormack J, Allan GM. (Episode 238) PREMIUM - Two new cardiovascular studies and a bit about cough. April 30, 2014.


McCormack J, Allan GM. (Episode 245) PREMIUM - Three studies you need to know about. June 27, 2014.


McCormack J, Allan GM. (Episode 247) How the new anticoagulants compare to warfarin in DVT and PE. July 9, 2014.


McCormack J, Allan GM. (Episode 249) Is glucosamine inert or does it help if you are inert from OA? July 31, 2014.


McCormack J, Allan GM. (Episode 255) We can measure lipoproteins but is there really any point? October 17, 2014.
• McCormack J, Allan GM. (Episode 256) How much of CVD is in your genes? October 21, 2014.

• McCormack J, Allan GM. (Episode 257) PREMIUM - Coenzyme Q10, antibiotics and alopecia areata. November 14, 2014.

• McCormack J, Allan GM. (Episode 258) IMPROVE-IT - Ezetimibe, what it does and doesn’t do. November 18, 2014.


**Tools for Practice**

The following articles can be found at: https://www.acfp.ca/tools-for-practice

• Allan GM, Gracias G. Lipoproteins: The risk of these risk factors? *Tools for Practice* 2014; September 29, 2014. [Internet Publication]

• Allan GM, Martino F. Vitamin D and respiratory tract infections: Does the sun’s vitamin chase the cold? *Tools for Practice* 2014; October 27, 2014. [Internet Publication]

• Bencivenga A, Allan GM. Vitamin D and low mood: The easy perky pill. *Tools for Practice* 2014; June 23, 2014. [Internet Publication]


• Haley K, Kolber MR. What can’t they do: Steroids for my sore throat? *Tools for Practice* 2014; December 8, 2014. [Internet Publication]

• Kolber MR, Bungard T. A pill for the second clot I do not want. *Tools for Practice* 2014; April 14, 2014. [Internet Publication]

• Kolber MR, Haley K, Nickonchuk T. Evidence that’s tough to swallow: Short course antibiotics for pediatric strep throat. *Tools for Practice* 2014; December 15, 2014. [Internet Publication]

• Kolber MR, Lindblad A. Can I get my cholesterol checked fast (without fasting)? *Tools for Practice* 2014; September 15, 2014. [Internet Publication]

• **Kolber MR, Scrimshaw C.** Can I exchange my family because they all have heart attacks? *Tools for Practice* 2014; August 18, 2014. [Internet Publication]

• **Lindblad A, Allan GM.** Anti-platelets after stroke: Are two better than one? *Tools for Practice* 2014; March 17, 2014. [Internet Publication]

• **Lindblad A, Allan GM.** Melatonin for sleep: Exhausted by other options? *Tools for Practice* 2014; September 2, 2014. [Internet Publication]

• **Lindblad A, Allan GM.** Z-drugs for sleep: Should we “catch some Z’s”? *Tools for Practice* 2014; November 24, 2014. [Internet Publication]

• **Mannarino M, Allan GM.** The new anti-platelet ticagrelor: Is it better than the old “new” clopidogrel? *Tools for Practice* 2014; January 20, 2014. [Internet Publication]

• **Marcet C, Allan GM.** Cholinesterase inhibitors and treatment of Alzheimer’s dementia. *Tools for Practice* 2014; February 20, 2014. [Internet Publication]


• **Taylor I, Kolber MR.** My fracture really hurts, can I use non-steroid anti-inflammatories? *Tools for Practice* 2014; May 26, 2014. [Internet Publication]

**Northwest Territories Motivational Inspiration Healing Films**

The following videos were produced as part of the BETTER 2 Project in collaboration with the Government of the Northwest Territories. Production of the videos was made possible through a financial contribution from the Canadian Partnership Against Cancer through the BETTER 2 Program. The videos can be found at: [https://www.youtube.com/playlist?list=PL8XM3wFcODhgWk9v-jpj3GPnGrmUpjH0](https://www.youtube.com/playlist?list=PL8XM3wFcODhgWk9v-jpj3GPnGrmUpjH0)

Department of Health and Social Services, Government of Northwest Territories. The NWT BETTER Program - Physical Activity: Life is a Precious Gift, You Really Have to Make the Most of it! YouTube. May 5, 2014. [Video]

Department of Health and Social Services, Government of Northwest Territories. The NWT BETTER Program - Healthy Eating is Healthy Living: Eat Food That is Rooted! YouTube. May 5, 2014. [Video]


Members of the Department make numerous presentations every year on a broad range of topics. Included in this report are presentations which are research-focused and/or of a scholarly nature. Presentations which are more of an educational, CME, or community service nature have not been included in this report.

Department of Family Medicine faculty members are denoted in **bold**; actual presenter(s) are denoted in **CAPS**


- **ALLAN GM**. After you have decided to manage uncontrolled blood pressure in the office. **[oral presentation]** Calgary Therapeutics Conference. Calgary, Alberta. April 10-11, 2014.


PRESENTATIONS (cont.)


• Bell NR, Szafran O, ROBERTSON S, Williams B. Multidisciplinary Team-Based Care and Medication Management in the Treatment of Patients with Type 2 Diabetes in Primary Care Settings. [poster] Advances in Qualitative Methods Conference. Edmonton, Alberta. June 24, 2014.


PRESENTATIONS (cont.)


PRESENTATIONS (cont.)


- **CHARLES L.** Comparison of a 4 Week Geriatric vs an Integrated Care of the Elderly Learning Option for Family Medicine Residents at the Department of Family Medicine and Division of Care of the Elderly, University of Alberta. [poster] The Annual Scientific Meeting of The Canadian Geriatric Society. Edmonton, Alberta. April 12, 2014.


PRESENTATIONS (cont.)


• JANKE F. To Enhance or Not to Enhance. [oral presentation] National Forum on Teaching Competency in Family Medicine Maternity Care. Toronto, Ontario, June 7, 2014.


PRESENTATIONS (cont.)


PRESENTATIONS (cont.)


PRESENTATIONS (cont.)


• **LEBRUN C.** Sport-Related Concussion and Return to Play. [oral presentation] Dr. David C. Reid Glen Sather Sports Medicine Clinical Annual Conference. Edmonton, Alberta. September 27, 2014.


PRESENTATIONS (cont.)


PRESENTATIONS (cont.)


PRESENTATIONS (cont.)


PRESENTATIONS (cont.)


PRESENTATIONS (cont.)


The Research Forum is a monthly research seminar series aimed at developing faculty research skills and fostering and supporting research activity within the Department of Family Medicine. It is held from September to June of each academic year.

**Date** | **Presentation**
--- | ---
January 30, 2014 | The Health System in the Northwest Territories - Dr. Kami Kandola
March 27, 2014 | What Are the Distinctive Cultural Elements Inherent in Canadian Family Practice? - Ms. Olga Szafran & Dr. Jean Triscott
April 24, 2014 | The Relationship Between Socio-Demographic, Physical, and Mental Health Factors and the Ratings of Importance that Older Adults Place Upon Different Attributes of ATS Services - Ms. Tara Pidborochynski
May 22, 2014 | Using Mixed Methods and Participatory Action Research for Program Evaluation: Research and Development in Medical Education - Ms. Terra Manca
October 23, 2014 | Preparing a Common CV - Drs. Joanne Simala & Helen Coe

**FAMILY MEDICINE GRAND ROUNDS**

The Family Medicine Grand Rounds were initiated in June 2014 and they are a forum to share and discuss scholarly and practical work pertaining to family medicine and interest to individuals working within a family medicine environment. The primary purpose of these Grand Rounds is to bring together family medicine professionals to hear and discuss thought-provoking presentations on topics of importance to Family Medicine and to primary health care broadly.

**Date** | **Presentation**
--- | ---
September 18, 2014 | First Nations Traditional Medicine: Some issues Relevant to Local Practice - Dr. Carl Urion
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY

Allan GM  
- Coordinator & Lead Editor, Alberta College of Family Physicians, Tools for Practice  
- Editorial Advisory Board, *Canadian Family Physician*  
- Reviewer, *Canadian Family Physician*  
- Reviewer, *Family Medicine Journal*

Banh H  
- Reviewer, *Advance in Pharmacoepidemiology and Drug Safety*  
- Reviewer, *Cardiovascular Pharmacology: Open Access*  
- Reviewer, *Clinical Interventions in Aging*  
- Reviewer, *Critical Care Nurse*  
- Reviewer, *Journal of Pharmaceutical Care and Health Systems*  
- Reviewer, Research Awards, Department of Family Medicine

Bell N  
- Reviewer, *Canadian Medical Association Journal*  
- Member, Canadian Task for on Preventative Health

Campbell-Scherer DL  
- Reviewer, 4Th Canadian Obesity Summit  
- Reviewer, Annual Scientific Assembly, Alberta College of Family Physicians, AFPRN Research Day  
- Reviewer, *British Medical Journal*  
- Reviewer, *Clinical Obesity*  
- Editor, *Evidence-Based Medicine*  
- Reviewer, *Primary Prevention Insights*  
- Reviewer, Research Awards, Department of Family Medicine

Cave AJ  
- Reviewer, *British Journal of General Practice*  
- Reviewer, *Family Medicine*  
- Reviewer, *Journal of the American Board of Family Medicine*  
- Reviewer, *Primary Care Respiratory Journal*  
- Reviewer, HSRC Grant Reviewer, Government of Scotland  
- Reviewer, Canadian Thoracic Society Grant  
- Reviewer, CIHR Knowledge Research and Synthesis Grant Panel  
- Chair, CIHR Knowledge Research and Synthesis Panel  
- Chair, Primary Care Group, Pediatric Asthma Pathway Committee, Alberta Health Services  
- Research Director, Family Physicians Airways Group of Canada  
- Reviewer, Research Awards, Department of Family Medicine

Charles L  
- Member, CFPC Working Group on the Assessment of Competence in Care of the Elderly  
- Member, Planning Committee for 34Th Annual Scientific Meeting of the Canadian Geriatric Society

Chmelicek J  
- Reviewer, Janus Continuing Professional Development Grants, CFPC  
- Reviewer, Family Medicine Forum 2014, CFPC  
- Member, MAINPRO + Working Group  
- Reviewer, Research Awards, Department of Family Medicine
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY (cont.)

Dobbs B
- Director, Medically At-Risk Driver Centre
- Member, Age-Friendly Edmonton Transportation Working Group
- Member, Working Group for Seniors Age-Friendly Strategy (Transportation, City of Calgary)
- External Reviewer, Sarah Wendy Walker, PhD, Australian National University
- External Reviewer, Richard Golonka, MPH, University of Alberta
- Reviewer, Research Day of Family Medicine Forum
- Reviewer, *Canadian Journal of Aging*
- Reviewer, *BMC Geriatrics*

Donoff M
- Board Member, College of Family Physicians of Canada Certification Working Group

Drummond N
- Research Director, DementiaNET
- Director, Southern Alberta Primary Care Research Network
- Reviewer, Research Awards, Department of Family Medicine

Garrison S
- Director of Research for Vancouver Coastal Health
- Reviewer, *Journal of the American Medical Association*
- Reviewer, *Pharmacoepidemiology and Drug Safety*
- Reviewer, *PLOS One*
- Co-supervisor, Rita McCracken, PhD, University of British Columbia

Green LA
- Reviewer, *Annals of Family Medicine*
- Reviewer, *Journal of the American Medical Association*
- Reviewer, *Journal of the American Board of Family Medicine*
- Reviewer, *Health Services Research*
- Reviewer, Family Medicine Forum 2014
- Reviewer, Research Awards, Department of Family Medicine
- Member, Primary Health Care Steering Committee, Alberta Health
- Chair, Measurement and Evaluation Working Group, Alberta Health

Gruneir A
- Reviewer, *BMC Health Services Research*
- Reviewer, *Drugs and Aging*
- Reviewer, *International Journal of Health Policy and Management*
- Reviewer, *International Journal of Nursing Studies*
- Reviewer, *PLOS One*
- Grant Panel Member, University Hospital Foundation Medical Foundation
- Supervisor, Nadia Nandlall, MSc, University of Toronto
- Thesis Committee Member, Andrea Burden, PhD, University of Toronto
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY (cont.)

Humphries P
- Chair, Internal Review of the Department of Anaesthesiology & Pain Medicine, Faculty of Medicine, University of Alberta
- Reviewer, Promotion and Tenure of Memorial University Faculty
- Member, CFPC Industry Relationship Subcommittee
- Member, CBAS Committee: Research, Assessment and National and International Translational Team
- Chair & Member, Alberta College of Family Physicians Nominations and Awards Committee
- President, Alberta College of Family Physicians
- Member, Primary Care Network Mental Health Committee
- Thesis Committee Member, Zinia Pritchard, PhD, University of Alberta

Janke F
- Reviewer, *CMAJ Open*
- Reviewer, *Complementary Therapies in Medicine*
- Reviewer, Research Awards, Department of Family Medicine

Keenan L
- Reviewer, *Medical Education*
- Reviewer, Canadian Conference for Medical Education
- Member, Homeward Trust Research Committee
- Thesis Committee Member, Dr. Stephanie Walker, MSc Orthodontics, University of Alberta
- Thesis Committee Member, Dr. Mohammad Salehyar, MSc, University of Alberta
- Thesis Committee Member, Narjara Condura, PhD, University of Alberta
- Thesis Committee Member, Kimi Khabra, MSc, University of Alberta
- Thesis Committee Member, Badeia Juahari, MSc, University of Alberta
- External Reviewer, Aishah Alsumait, PhD University of Alberta
- External Reviewer, Adam Bass, MSc, University of Calgary
- Reviewer, Research Awards, Department of Family Medicine

Khera S
- Member, Disciplinary Advisory Group – Psychiatry, University of Alberta
- Member, Preclinical Academic Standing Committee

Kolber MR
- Reviewer, *BMJ Case Reports*
- Reviewer, *Canadian Family Physician*
- Associate Editor, Alberta College of Family Physicians, Tools for Practice

Koppula S
- Reviewer, Annual Scientific Assembly, Alberta College of Family Physicians, AFPRN Research Day
- Reviewer, The College of Family Physicians of Canada Janus Grants
- Reviewer, Family Medicine Forum 2014
- Reviewer, The College of Family Physicians of Canada Murray Stalker Award
- Reviewer, *CFP Tools for Practice*
- Reviewer, Research Awards, Department of Family Medicine
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY (cont.)

Korownyk C
- Reviewer, Emergency Knowledge Development – Continuing Medical Education
- Associate Editor, Alberta College of Family Physicians, Tools for Practice

Lebrun CM
- Reviewer, *American Journal of Sports Medicine*
- Reviewer, *British Journal of Sport Medicine*
- Reviewer, Injury Prevention Symposium Research Day
- Editorial Board Member, *Clinical Journal of Sports Medicine*
- Reviewer, *Journal of Athletic Therapy*
- Reviewer, *Sports Health*
- Editorial Board Member, *The Physician and Sports Medicine*
- Co-Supervisor, Frzad Akbaryan, PhD, University of Alberta
- Supervisor, Nicole Lemke, MSc, University of Alberta

Manca D
- Reviewer, Practice-Based Research Network Conference
- Reviewer, *International Journal of Circumpolar Health*
- Chair, AFPRN Research Day, Annual Scientific Assembly, Alberta College of Family Physicians
- Co-Chair, PBRN Working Group
- Clinical Director, Alberta Family Practice Research Network
- Director, Northern Alberta Primary Care Research Network
- Chair, Privacy and Ethics Sub-Committee, Canadian Primary Care Sentinel Surveillance Network

Moores D
- External Reviewer, Complaint Review Committee (CRC) and Hearing Tribunal Committee, College of Physicians and Surgeons of Alberta
- Member, Acute Stroke/TIA Expert Working Group
- Reviewer, College of Physicians and Surgeons of Alberta
- Member, Quality Referrals Curriculum Advisory Group, Alberta Health Services

Nichols D
- Reviewer, *Canadian Journal of Emergency Medicine*
- Editorial Board, *Journal of the Patan Academy of Health Sciences* (Nepal)
- Reviewer, Tools for Practice, Alberta College of Family Physicians

Ross D
- Reviewer, Tools for Practice, Alberta College of Family Physicians

Ross S
- Reviewer, *Academic Medicine*
- Reviewer, AFPRN Research Day, Annual Scientific Assembly, Alberta College of Family Physicians
- Reviewer, American Educational Research Association Annual Meeting
- Reviewer, Canadian Association for Medical Education Conference
- Reviewer, *Canadian Family Physician*
- Reviewer, Research Awards, Department of Family Medicine
- Editorial Board, *Canadian Journal of Education*
- Co-Supervisor, Dr. Ann Lee, MSc, University of Alberta
- Co-Supervisor, Dr. Shirley Schipper, MSc, University of Western Ontario
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY (cont.)

Salvalaggio G
- Reviewer, AFPRN Research Day, Annual Scientific Assembly, Alberta College of Family Physicians
- Reviewer, *Canadian Family Physician*
- Reviewer, North American Primary Care Research Group Annual Meeting 2014
- Research Director, Inner City Health and Wellness Program
- Member, Alberta Research Network for Addiction and Mental Health

Schipper S
- Reviewer, Tools for Practice, Alberta College of Family Physicians

Szafran O
- Reviewer, North American Primary Care Research Group Annual Meeting 2014
- Reviewer, Annual Scientific Assembly, Alberta College of Family Physicians, AFPRN Research Day
- Reviewer, Family Medicine Forum 2014
- Reviewer, Canadian Association for Health Services and Policy Research Conference
- Reviewer, Research Awards, Department of Family Medicine

Triscott J
- Reviewer, *Journal of Immigrant and Minority Health*
- Reviewer, Case File for Tenure Status, University of Saskatchewan
- Reviewer, Research Awards, Department of Family Medicine
- Co-Director, Centre for the Cross-Cultural Study of Health and Healing

Waugh E
- Reviewer, *Health and Social Care Chaplaincy*
- Reviewer, *International Sociology*
- Reviewer, *Religious and Theology*
- Consulting Editor, *Religious and Theology*
- Co-Director, Centre for the Cross-Cultural Study of Health and Healing
FAMILY MEDICINE RESEARCH DAY – June 6, 2014

Plenary Address
“Sochi 2014: Health Care Planning - The “Team” Behind The "TEAM" – Dr. Connie Lebrun, Professor, Department of Family Medicine, University of Alberta

Oral Presentations
- Helicobacter Pylori Prevalence and Incidence in Rural Northern Alberta - Ms. Isabelle Colmers
- Patient Feedback to Residents in Family Medicine - Drs. Alma Bencivenga, Cindy Lee
- Iron Supplementation in Non-Anemic Women With Unexplainable Fatigue: Another Tired Theory? - Dr. Daniel McKennitt
- The Reduction in ED and Hospital Admissions From Medical Home Practices is Specific to Primary Care-Sensitive Chronic Conditions - Dr. Lee Green
- Medical Information (Reliability and Accuracy) in Popular Television - Ms. Caitlin Finley
- Profession and Conflict of Interest of Contributors to Canadian Primary Care Guidelines - Ms. Aven Crawshay, Roni Kraut
- Statins and Cognitive Impairment: Don’t Forget the Evidence? - Dr. Grenvil Gracias
- Managing Learners in Natural Disasters - Dr. Alim Nagji
- Examining the Effectiveness of Implementation of Care-of-the-Elderly Core Competencies - Dr. Lesley Charles
- Cholinesterase Inhibitors and Treatment of Alzheimer’s Dementia - Dr. Candy Marcet
- Peer Teaching Simulation Program for Family Medicine Residents - Drs. Alim Nagji, Anthony Seto, Laura Matepmisz
- Diagnosis and Management of Group A Bacterial Strep - Drs. Murray Rodych, Paula Burke
- Screening for Early Identification of Mental Health Issues in Seniors: The Development of an Evidence-Based Standardized, User-Friendly Toolkit for Use in the Primary Care Setting - Ms. Anita Saini
- Tamiflu (Oseltamivir) for the Treatment of Influenza - Dr. Megan Manning
- Diet Changes and Psoriasis: A Case Report on Myself - Dr. Caitlin Anne Laughlin
- Community Needs Assessment of Transportation Options in a Rural Alberta Community - Ms. Caitlin Finley
- Abdominal Aortic Aneurysm Screening in an Academic Family Medicine Clinic - Drs. Kevin Desmarais, Alim Nagji, David Tran

Acknowledgements:
Family Medicine Research Day is sponsored by the Family Medicine Residents’ Association (FMRA), Alberta Rural Physician Action Plan (RPAP), Alberta College of Family Physicians, and the Department of Family Medicine.
PRACTICE QUALITY IMPROVEMENT (PQI) PROJECTS

During the second year of the Family Medicine Residency Program, each resident, in collaboration with his/her family medicine preceptor undertakes a project on Practice Quality Improvement (PQI). The purpose of the PQI project is to develop the skills required to implement the process of quality assessment and improvement in clinical practice.

2013/2014 Academic Year (2nd Year Residents)

<table>
<thead>
<tr>
<th>Resident</th>
<th>PQI Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABDALVAND, Ali</td>
<td>Cognitive function testing in elderly patients with cognitive impairment in a primary health care clinic.</td>
</tr>
<tr>
<td>AHLUWALIA, Pavan</td>
<td>Screening for type II diabetes in a community clinic.</td>
</tr>
<tr>
<td>AHMED, Khaled</td>
<td>Dyslipidemia in diabetics – achieving targets for low-density lipoprotein (LDL).</td>
</tr>
<tr>
<td>AL-AZZAWI, Abeer</td>
<td>Are we achieving low-density lipoprotein (LDL) targets in our diabetic patient population?</td>
</tr>
<tr>
<td>BEAMISH, Leigh</td>
<td>Evaluation of diagnosis of chronic obstructive pulmonary disease (COPD) by spirometry.</td>
</tr>
<tr>
<td>BISHOP, Jessica</td>
<td>Examining potentially avoidable emergency room department visits.</td>
</tr>
<tr>
<td>BLACKSTOCK, Kalah</td>
<td>What percentage of patients with group A beta-hemolytic streptococcal pharyngitis are diagnosed and treated appropriately?</td>
</tr>
<tr>
<td>BURKE, Paula</td>
<td>What percentage of patients with group A beta-hemolytic streptococcal pharyngitis are diagnosed and treated appropriately?</td>
</tr>
<tr>
<td>CAMPBELL, Lindsey</td>
<td>Number of electrocardiograms (ECGs) being performed on patients diagnosed with hypertension in a rural family medicine clinic.</td>
</tr>
<tr>
<td>CHAN, Philip</td>
<td>Analysis of sedative use in patients &gt; 65 years old for sleep disturbances.</td>
</tr>
<tr>
<td>CHAPMAN, Kim</td>
<td>Osteoporosis screening: How are we doing?</td>
</tr>
<tr>
<td>CHEEMA, Rajinder</td>
<td>How prevalent is smoking cigarettes among type II diabetic patients: Reinforcing the importance of smoking cessation in this vulnerable population.</td>
</tr>
<tr>
<td>CHEUNG, Serena</td>
<td>Optimizing care in patients with chronic congestive heart failure: The role of beta blockers.</td>
</tr>
<tr>
<td>CHOI, Jane</td>
<td>How many obstetric patients who deliver at term had overall weight gain that met the Health Canada 2010 Gestational Weight Gain Guidelines?</td>
</tr>
<tr>
<td>CHOW, Renfred</td>
<td>The frequency of smoking cessation counselling for current smokers in a community clinical family practice.</td>
</tr>
<tr>
<td>Name</td>
<td>Project Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>COUGHLIN, Jason</td>
<td>Improving cardiovascular outcomes in hypertensive patients: Making the switch from hydrochlorothiazide to chlorthalidone.</td>
</tr>
<tr>
<td>DAY, Trevor</td>
<td>An audit of the colorectal cancer screening using fecal occult blood testing (FOBT) by one physician at a medical clinic.</td>
</tr>
<tr>
<td>DEZFOULI, Sholeh</td>
<td>Pulmonary function test (PFT) and diagnosis of asthma.</td>
</tr>
<tr>
<td>DINGELDEIN, Genelle</td>
<td>To detect the proportion of maternity patients who have been screened for asymptomatic bacteriuria between 12-16 weeks gestational age.</td>
</tr>
<tr>
<td>DUROCHER, Shauna</td>
<td>Six week postpartum checks: Is there any evidence and what should we be looking for?</td>
</tr>
<tr>
<td>EDER, Genevieve</td>
<td>How well are we screening women for breast cancer who are at average risk for the disease?</td>
</tr>
<tr>
<td>FORSBERG, Daniel</td>
<td>Abdominal aortic aneurysm (AAA) screening by abdominal ultrasound for 65-75 year old males.</td>
</tr>
<tr>
<td>FREEMAN, Lisa</td>
<td>Assessment of lipid management in adult patients 19 years of age and older in general practice.</td>
</tr>
<tr>
<td>GEAMBASU, Adrian</td>
<td>The not so sweet price of high blood sugar.</td>
</tr>
<tr>
<td>GILL, Sukhdeep</td>
<td>Phlebotomy in hemochromatosis.</td>
</tr>
<tr>
<td>HAJJAR, Sarah</td>
<td>In individuals with type II diabetes mellitus, are we screening annually for chronic kidney disease (CKD).</td>
</tr>
<tr>
<td>HALEY, Kevin</td>
<td>Does imaging affect treatment in low back pain?</td>
</tr>
<tr>
<td>HANSRAJ, Priyanka</td>
<td>Investigating the practice of blood pressure monitoring in children and adolescents during annual periodic health examination at a family medicine clinic.</td>
</tr>
<tr>
<td>HO, Karina</td>
<td>Management of microscopic hematuria at a Medical Clinic.</td>
</tr>
<tr>
<td>HO, Ping (Ivan)</td>
<td>Human papilloma virus (HPV) vaccinations in males.</td>
</tr>
<tr>
<td>HOFFART, Kaili</td>
<td>How well is diabetes being screened in my current practice?</td>
</tr>
<tr>
<td>HRUCZKOWSKI, Jakub</td>
<td>In the past year, what was the rate of performing an opportunistic pulse check on patients 65 years and older who did not have previously recognized atrial fibrillation?</td>
</tr>
<tr>
<td>Name</td>
<td>Project Title</td>
</tr>
<tr>
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</tr>
<tr>
<td>HUANG, James</td>
<td>Pneumococcal 23 polysaccharide vaccination in patients over the age of 65.</td>
</tr>
<tr>
<td>KAPUSTA, Michael</td>
<td>Is the electronic medical record (EMR) allowing us to identify all eligible</td>
</tr>
<tr>
<td></td>
<td>patients for diabetic screening?</td>
</tr>
<tr>
<td>KUECHLER, Derek</td>
<td>Compliance with screening guidelines for cervical cancer in our Clinic:</td>
</tr>
<tr>
<td></td>
<td>Challenges of rural family medicine.</td>
</tr>
<tr>
<td>KUUSSELKA, Christopher</td>
<td>Cervical cancer screening: The new Canadian Task Force on Preventive</td>
</tr>
<tr>
<td></td>
<td>Health Care guidelines.</td>
</tr>
<tr>
<td>LARATTA, Peter</td>
<td>Investigating the use of spirometry in patients diagnosed with asthma at a</td>
</tr>
<tr>
<td></td>
<td>rural Medical Clinic.</td>
</tr>
<tr>
<td>LAUGHLIN, Caitlin Anne</td>
<td>Colorectal cancer screening.</td>
</tr>
<tr>
<td>LEE, Bryan</td>
<td>Primary Care Network (PCN) mental health referrals in a community family</td>
</tr>
<tr>
<td></td>
<td>medicine practice.</td>
</tr>
<tr>
<td>LEE, Maria</td>
<td>Post-partum follow-up for patients with gestational diabetes mellitus.</td>
</tr>
<tr>
<td>LEE, Victoria</td>
<td>What percentage of patients with group A beta-hemolytic streptococcal (GAS)</td>
</tr>
<tr>
<td></td>
<td>pharyngitis are diagnosed and treated appropriately per the current clinical</td>
</tr>
<tr>
<td></td>
<td>practice guidelines?</td>
</tr>
<tr>
<td>LINTON, Matthew</td>
<td>Colon cancer screening.</td>
</tr>
<tr>
<td>LIVINGSTON, Aaron</td>
<td>Does routine pelvic ultrasound post-IUD insertion improve patient care?</td>
</tr>
<tr>
<td>MacDONALD, Jeff</td>
<td>Testosterone testing and supplementation in an older male population.</td>
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<td>MADLUNG, Alison</td>
<td>What percentage of patients diagnosed with pharyngitis are treated appropriately?</td>
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<td>MATEMISZ, Laura</td>
<td>Peer teaching simulation program for family medicine residents.</td>
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<td>MARINO, Michael</td>
<td>Screening for tobacco use: Are we following the guidelines?</td>
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<td>MAWDSLEY, Stewart</td>
<td>Comprehensiveness of depression inventories in electronic medical record (EMR)</td>
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<td>charting.</td>
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<td>McCREA, Richard</td>
<td>Thyroid screening in pregnancy.</td>
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<td>McKENNITT, Daniel</td>
<td>Primary care physician compliance with abdominal aortic aneurysm (AAA)</td>
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<td>screening.</td>
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<tr>
<td>Name</td>
<td>Project Description</td>
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<td>MICHAELS, Danielle</td>
<td>What percentage of women receiving prenatal care gain a recommended amount of weight during pregnancy per Society of Obstetricians and Gynecologists of Canada (SOGC) guidelines?</td>
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<td>MORRIS, Tammy</td>
<td>Screening for hepatitis C: How are we doing?</td>
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<td>NAGJI, Alim</td>
<td>Peer teaching simulation program for family medicine residents.</td>
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<td>NIGAM, Aparna</td>
<td>Type II diabetes mellitus screening in obese patients.</td>
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<td>OSHODI, Mouruf</td>
<td>Monitoring glycosylated hemoglobin (HbA1C) for adequate or poor control.</td>
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<td>PARIY, Maria</td>
<td>In a rural family medicine clinic, what percentage of patients aged 50-74 presenting for periodic health exam are participating in colorectal cancer (CRC) screening?</td>
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<tr>
<td>QUIDWAI, Nadia</td>
<td>How many patients with osteoporosis and a high risk of fracture on dual energy X-ray absorptiometry (DEXA) scan are on pharmacological treatment?</td>
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<tr>
<td>REICHENAUER Jeff</td>
<td>Colorectal cancer screening rates in a typical urban family practice.</td>
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<tr>
<td>RODYCH, Murray</td>
<td>Evaluating the diagnosis and management of bacterial streptococcus pharyngitis at the Moose and Squirrel Medical Clinic.</td>
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<td>ROWE, Bradley</td>
<td>Cervical cancer screenings: Are we meeting our targets?</td>
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<td>SANTODOMINGO-GARZON, Tania</td>
<td>JUPITER trial criteria for statin therapy applied in a clinical practice.</td>
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<td>SARSAM, Usama</td>
<td>Are we meeting the low density lipoprotein (LDL) targets in our diabetic patients?</td>
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<td>SEDLAK, Robert</td>
<td>Warfarin therapeutic target maintenance in primary care.</td>
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<td>SELLICK, Megan</td>
<td>Human papilloma virus vaccination: Are we adequately discussing and documenting vaccination status with our young female patients?</td>
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<td>SETO, Anthony</td>
<td>Peer teaching simulation program for family medicine residents.</td>
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<td>SINGH, Virinder</td>
<td>Is an altered clock drawing test a simple way to determine early cognitive impairment?</td>
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<td>SIVAGANESANATHAN, Tarini</td>
<td>Abdominal aortic aneurysm screening in males 65-75 years of age as per Canadian Society for Vascular Surgery and US Preventative Task Guidelines: Are we meeting the recommendations in our clinic.</td>
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PRACTICE QUALITY IMPROVEMENT (PQI) PROJECTS (cont.)

SIY, Anna-Kristen
End of life discussions.

SMITH, Jena
Antibiotic use for streptococcal pharyngitis.

SOMERVILLE, Jonathan
What percentage of patients with chronic obstructive pulmonary disease (COPD) have evidence of receiving or being reminded to receive the influenza vaccine within the last two years?

SWEENEY, Allison
What percentage of patients with group A beta-hemolytic streptococcal pharyngitis are diagnosed and treated appropriately in relation to current clinical practice guidelines?

TAYLOR, Ian
Percentage of attached patients in a rural family medicine practice.

TREDGET, Eric
Adherence to colorectal cancer screening guidelines for average-risk patients at a Family Practice Clinic.

TRUONG, Jacky
What is the current practice for screening and monitoring of hypertension and does this meet current practice guidelines?

TULIS, Roman
Injections: Man vs. Machine.

WING, Andrew
In those patients diagnosed with acute pharyngitis what percentage are receiving antibiotics, and what is the incidence of group A beta-hemolytic streptococcal (GAS) in those patients swabbed?

WOLFF, Jordan (Cub)
In patients of average risk for colorectal cancer, how are we doing for screening for this disease?

WONG, Daniel
Abdominal aortic aneurysm screening at the Associate Medical Clinic.

WOO, Albert
What are the key/new recommendations with regards to glycemic control?

ZDRILL, Everett
Continuity of care in a rural family medicine practice.
SUMMER STUDENT RESEARCH PROJECTS

Student: **SIU, Colin** *(1st Year Medicine, UofA)*  
Supervisor: Ginetta Salvalaggio  
Project Title: Inner City Health and Wellness Program  
Funded by: Arnold P. Gold Foundation Summer Student Fellowship

Student: **KING, Emily** *(1st Year Medicine, UofA)*  
Supervisor: Denise Campbell-Scherer  
Project Title: Development of Obesity Management Curriculum for Medical Students Based on the 5As Framework of Obesity Management and the 5As Team Intervention Trial.  
Funded by: Northern Alberta Clinical Trials and Research Centre (NACTRAC) Summer Student Award, Faculty of Medicine & Dentistry and Alberta Innovates - Health Solutions Project Grant

Student: **CARLOS, Lara** *(1st Year Medicine, UofA)*  
Supervisor: Denise Campbell-Scherer  
Project Title: Development of Obesity Management Curriculum for Medical Students Based on the 5As Framework of Obesity Management and the 5As Team Intervention Trial.  
Funded by: Dr. ME Ledingham Memorial Summer Research Award, Faculty of Medicine & Dentistry and Alberta Innovates - Health Solutions Project Grant

Student: **HUIE, Michelle** *(1st Year Medicine, UofA)*  
Supervisor: Shelley Ross  
Project Title: Exploring the Components of Good Formative Feedback: A Content Analysis.  
Funded by: Summer Studentship in Health Professions Education Grant, Faculty of Medicine & Dentistry

Student: **SVYSTUN, Orysya** *(4th Year BSc, UofA)*  
Supervisor: Shelley Ross  
Project Title: Remediation Patterns in Family Medicine: A Comparison Before and After Competency-Based Assessment.  
Funded by: University of Alberta Teaching & Learning Enhancement Fund

Student: **ORTYNSKI, Jennifer** *(2nd Year Medicine, UofA)*  
Supervisor: Shirley Schipper  
Project Title: Exploring the Impact of Language on Ratings by Expert Observers.  
Funded by: Summer Studentship in Health Professions Education Grant Program, Faculty of Medicine and Dentistry

Student: **SHERGILL, Jason** *(1st Year BSc, UofA)*  
Supervisor: Bonnie Dobbs  
Project Title: Medical Conditions and Driving  
Funded by: The Medically At-Risk Driver Centre (MARD)

Student: **Bu, Ruojin** *(3rd Year BSc, UofA)*  
Supervisor: Bonnie Dobbs  
Project Title: Medical Conditions and Driving  
Funded by: The Medically At-Risk Driver Centre (MARD)
GRADUATE RESEARCH ASSISTANTS (GRAs)

Student: **AKBARYAN, Farzad** (May 2013 – Jun 2014)
Supervisor: Connie Lebrun
Project Title: Resilience Enhancement in Military Populations Through Multiple Health Status Assessments

Student: **BAJESTANI, Kazemi** (Feb – Mar 2014)
Supervisor: Andrew Cave
Project Title: Asthma Case Definition Validation

Student: **CHAUDOIR, Susan** (Jul 2013 – Mar 31, 2014)
Supervisor: Olga Szafran, Earle Waugh
Project Title: Cultural Competency Skills for Health Care Professionals: Learning Manual

Student: **DELASAY-SORKHAB, Mohammad** (Jan 2013 – Mar 2014)
Supervisor: Denise Campbell-Scherer
Project Title: Multimorbidity in Canada

Student: **FUNG, Winnie** (Jan – Mar 2014)
Supervisor: Doug Klein
Project Title: Evaluation of the Capacity of Primary Care Networks in Alberta to Assist Lifestyle Change Among Patients with Metabolic Syndrome

Student: **LEMKE, Nicole** (Jul 2012 – Apr 2014)
Supervisor: Connie Lebrun
Project Title: Varsity Athlete Study and MRI Varsity Athlete Study

Student: **LARTEY, Nicole** (November 2013 – December 2014)
Supervisor: Neil Drummond
Project Title: Canadian Primary Care Sentinel Surveillance Network (CPCSSN) Project

Student: **LEONARD, Rebecca** (Sep 2013 – Aug 2015)
Supervisor: Neil Drummond
Project Title: 1) Prevalence of Stroke in Dementia Patients with Speech Disorder; 2) Socioeconomic Status Project; and 3) Neurological Disorder Validation Project

Student: **MANCA, Terra** (Oct 2011 – Nov 2014)
Supervisor: Shelley Ross
Project Title: Competency-Based Assessment System (CBAS)

Student: **MANCA, Terra** (Mar 2014 – Feb 2015)
Supervisor: Connie Lebrun
Project Title: A Feasibility Study into the Application of a Competency-Based Achievement System to Sport and Exercise Medicine Fellowships
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<tr>
<th>Student:</th>
<th>NIRUBAN, John (Jul 2013 - Aug 2014)</th>
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<tr>
<td>Supervisor:</td>
<td>Neil Drummond</td>
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<tr>
<td>Project Title:</td>
<td>Prevalence and Determinants of Use of Antidepressants and Antipsychotics in Elderly Dementia Patients in Canada (DementiaNET Project)</td>
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<tr>
<td>Student:</td>
<td>TORTI, Jacqueline (May 2013 - Aug 2014)</td>
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<td>Supervisor:</td>
<td>Olga Szafran</td>
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<td>Project Title:</td>
<td>Family Medicine Graduates Survey 2006-2011</td>
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<tr>
<td>Student:</td>
<td>TORTI, Jacqueline (Jun 2012 - Mar 2014)</td>
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<td>Supervisor:</td>
<td>Donna Manca</td>
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<tr>
<td>Project Title:</td>
<td>The Canadian Primary Care Sentinel Surveillance Network (CPCSSN) Project</td>
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<td>Supervisor:</td>
<td>Shelley Ross</td>
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<td>Project Title:</td>
<td>Competency-Based Assessment System (CBAS) and Refining the Influence of Language on Assessment in Competency-Based Education and Evidence-Based CaRMS Review</td>
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</table>
ACKNOWLEDGEMENTS

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- Alberta Centre for Injury Control & Research
- Alberta College of Family Physicians
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- Alberta Rural Physician Action Plan
- American Medical Society for Sports Medicine
- Arnold P. Gold Foundation
- Arthroscopy Association of North America
- BC Divisions of Family Practice Innovation Fund
- Canadian Academy of Sport and Exercise Medicine
- Canadian Foundation for Innovation
- Canadian Institutes of Health Research (CIHR)
- Canadian Partnership Against Cancer (CPAC) Coalitions Linking Action & Science for Prevention (CLASP)
- Capital Region Board
- College of Family Physicians of Canada
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- Covenant Health Research Grant
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- Dr. ME Ledingham Memorial
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- Institute for Continuing Care Education and Research
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- MSI Foundation
- Northern Alberta Academic Family Physicians (NAAF) Endowment Fund
- Northern Alberta Clinical Trials & Research Centre (NACTRAC)
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- Royal Alexandra Hospital Foundation
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- Society of Directors of Research in Medical Education
- Sport Science Association of Alberta (SSAA)
- St. Joseph’s Foundation
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