Message from the Department Chair

As I reported last year, and as I am happy to do again, the tree of our Academic Alternate Relationship Plan (AARP) is bearing in an evermore bountiful way the fruit of our investment in research. A perusal of the papers published by our Department members over the past year now shows the increasing appearance of our PhD researchers, who are stimulating and guiding their clinical colleagues. We are capturing larger grants in the highly competitive world of Canadian medical research and have qualitatively improved our output.

While our focus will remain on researching the varied elements of primary care service delivery, we are also making important contributions in the area of medical education research. Currently in the pipeline awaiting publication, are reports of our experiences in narrative-based medicine, as well as our work in competency-based assessment and evaluation process. Research in medical education remains strangely undervalued in our country, especially in view of what the public and governmental expectations are of our universities. It pleases me that many researchers in our Department are taking arms against this sea of anti-educational troubles, and may, by opposing, end them.

As always, the Department owes its thanks to many: Alberta Health and Wellness, and Alberta Health Services, who partner with us in our AARP; the Alberta Medical Association, and the Alberta College of Family Physicians who are consistently supportive; the Section of Researchers of the College of Family Physicians of Canada; and the North American Primary Research Group, who help and encourage us in every way along the path of discovery.

G. Richard Spooner, MD, CCFP, FCFP
Professor and Chair
**Introduction by the Research Director**

We are approaching a critical mass in our research program. For many of us, research is a team sport; hence the numerous projects in this report are the result of a collaborative effort. Through our varied research activity, we are developing the necessary linkages, expertise and resources required to build and strengthen our research in primary care and family medicine.

Our research program addresses five research themes: clinical research related to family medicine; health services research; medical education research; research on distinct populations; and care of the elderly research. Our clinical research includes projects on chronic diseases such as diabetes, lung disease, and arthritis. Health services are addressed through projects that assess chronic disease care models, screening and prevention strategies, access to care, and the physician workplace environment. Medical education includes projects on curriculum development and the development of a competency-based framework for evaluation of residents. Our research on distinct populations assessed cultural competency and includes projects on vulnerable and marginalized populations. The care of the elderly research includes projects on dementia and the medically at risk driver.

Research in primary care/family medicine informs us on best practice and is associated with improved health status of the population. Without good data, we cannot provide good care. Despite the known benefits of primary care research on population health, there has been a relative paucity of research in this area. Only “10% of the world’s research resources are directed at 90% of the health problems faced by the world’s population – problems which are often addressed in the primary care sector of health care”.¹ This disparity is aggravated by focusing financial support on vertical programs, such as disease-specific projects, as opposed to horizontal programs, such as community primary care and chronic diseases.² We are fortunate that government, funding agencies and our university have, decided to support primary care research.

Primary care research has been described as covering four overlapping areas including; basic research to develop research methods in the discipline; clinical research to inform clinical practice; health services research to improve the health systems and policies; and educational research to improve education for primary care clinicians.¹ Our five research themes address all the four overlapping areas of primary care research. We are now beginning to develop capacity and contribute to primary care research as we approach a critical mass.

We are grateful to Dr. Rick Spooner for encouraging and supporting research and scholarly activity for the past 10 years as Chair of the Department of Family Medicine.

*Donna Manca, MD, MCISc, CCFP, FCFP*

**Associate Professor / Director of Research**

References:


**Research Committee Members**

- Donna Manca, *Chair/Research Director*
- Olga Szafran, *Associate Director (Research)*
- Rick Spooner, *Department Chair*
- Bonnie Dobbs, *Research Director, Division of Care of the Elderly (COE)*
- Andrew Cave, *Research Faculty/UAH Rep*
- Sheny Khera, *MIS Rep*
- Ginetta Salvalaggio, *GNH Rep*
- Michael Allan, *NECHC Rep*
- David Moores, *RAH Rep*
- Jean Triscott, *Director, COE*
- Shelley Ross, *Medical Education Researcher*
- Nicola Shaw, *Health Services Researcher and Informatics Chair*

**Associate Members**

- Earle Waugh, *Director, Centre for the Cross-Cultural Study of Health & Healing*

**Research Secretaries**

- Shufen Edmondstone, Peggy Lewis

**Resident Research Representatives**

- 2008/2009: Anne Huang, Firdaus Mydeen, Mehrnoosh Shamsi
## Faculty and Research Staff

### 2009 Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>First Name</th>
<th>Last Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allan, Michael</td>
<td>Associate Professor</td>
<td>Levy, Michelle</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Armstrong, Denise</td>
<td>Quality Manager</td>
<td>Manca, Donna</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Behn Smith, Daniele</td>
<td>Assistant Professor</td>
<td>Moores, David</td>
<td>Professor</td>
</tr>
<tr>
<td>Bell, Neil</td>
<td>Professor</td>
<td>Nichols, Darren</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Brenneis, Fraser</td>
<td>Associate Professor</td>
<td>Parmar, Jasneet</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Brownoff, Rene</td>
<td>Associate Professor</td>
<td>Peng, Judy</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Campbell-Scherer, Denise</td>
<td>Associate Professor</td>
<td>Perreault, Mark</td>
<td>Assistant Chair, Admin. Services</td>
</tr>
<tr>
<td>Cardinal, Clifford</td>
<td>Assistant Professor</td>
<td>Ross, David</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Cave, Andrew</td>
<td>Professor</td>
<td>Ross, Shelley</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Cave, Marie-Thérèse</td>
<td>Assistant Professor</td>
<td>Salvalaggio, Ginetta</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Charles, Lesley</td>
<td>Assistant Professor</td>
<td>Schipper, Shirley</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Chaytors, R. Gordon</td>
<td>Professor</td>
<td>Shaw, Nicola</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Dobbs, Bonnie</td>
<td>Associate Professor</td>
<td>Smith, Linda</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Donoff, Michel</td>
<td>Professor</td>
<td>Spooner, G Richard</td>
<td>Professor &amp; Chair</td>
</tr>
<tr>
<td>Hughes, Sheila</td>
<td>Associate Professor</td>
<td>Steblecki, Lisa</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Humphries, Paul</td>
<td>Professor</td>
<td>Steiner, Ivan</td>
<td>Professor</td>
</tr>
<tr>
<td>Janke, Fred</td>
<td>Associate Professor</td>
<td>Stickney-Lee, Jennifer</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Khera, Sheny</td>
<td>Assistant Professor</td>
<td>Szafran, Olga</td>
<td>Assoc Dir. Research</td>
</tr>
<tr>
<td>Klein, Douglas</td>
<td>Associate Professor</td>
<td>Tan, Amy</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Konkin, Jill</td>
<td>Associate Professor</td>
<td>Triscott, Jean</td>
<td>Professor</td>
</tr>
<tr>
<td>Koppula, Sudha</td>
<td>Assistant Professor</td>
<td>Yoon, Philip</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Korownyk, Christina</td>
<td>Assistant Professor</td>
<td>Waugh, Earle</td>
<td>Professor Emeritus</td>
</tr>
<tr>
<td>Krikke, Egbert</td>
<td>Associate Professor</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Research Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>First Name</th>
<th>Last Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arbeau, Kelly</td>
<td>Research Associate</td>
<td>Edmondstone, Shufen</td>
<td>Admin Assistant, Research Program</td>
</tr>
<tr>
<td>Ballermann, Mark</td>
<td>Research Associate</td>
<td>Forst, Brian</td>
<td>Data Administrator, CPCSSN Study</td>
</tr>
<tr>
<td>Bhardwaj, Param</td>
<td>Research Assistant, MARD</td>
<td>Lewis, Peggy</td>
<td>Secretary, Research Program</td>
</tr>
<tr>
<td>Cardno, Jayne</td>
<td>Research Associate</td>
<td>McKay, Rhiianne</td>
<td>Research Coordinator, Care of the Elderly Study Coordinator, Diabetes Study</td>
</tr>
<tr>
<td>Duerksen, Kim</td>
<td>Research Coordinator</td>
<td>Werbiski-Wood, Patricia</td>
<td></td>
</tr>
</tbody>
</table>

### NEW APPOINTMENTS

- Dr. Sudha Koppula joined the Department as Assistant Professor, effective July 1, 2009.
- Dr. Nicola Shaw joined the Department as Associate Professor and Health Services Researcher, effective April 1, 2009.
- Dr. R. Gordon Chaytors became Professor Emeritus, effective July 1, 2009.
AWARDS and ACCOLADES *(Received during 2009)*

- Dr. Sheny Khera received the *Dr. DB Russell Award* for the 2008-2009 Academic Year for going above and beyond the normal call of duty in teaching and mentoring of medical students.

- Dr. Jill Konkin was awarded a *Fellowship in Rural and Remote Medicine* by the Society of Rural Physicians.

- Dr. G.R. Spooner was awarded the *Gilbert Scholar Preceptor Excellence Award* from the Medical Students Association.

- The following paper was awarded the *Branko Cesnik Best Paper Award* at the 2009 Health Informatics Conference in Canberra, Australia: Shaw, NT, Ballermann MA, Hagtvedt R, Ho S, Mayes D, Gibney RTN. Intensive care unit nurse workflow shift change prior to the introduction of a critical care clinical information system.

- The following was awarded second place Scientific Exhibit at the American Society of Anesthesiologists Annual meeting in San Francisco, California in November 2009: Ansermino, JM, Choi P, Dumont G, Fels S, Schwarz S, Shaw NT, Lim J, Brouse C, Dunsmuir D, Peterson C. The Intelligent Anesthesia Navigator (IAN).

- Daniel McKennitt (medical student) was nominated by the Department of Family Medicine as the University of Alberta recipient of the 2009 NAPCRG Student Research Award. He worked on the project “To Evaluate the Effectiveness of a Culturally Appropriate Aboriginal Youth Tabacco Use Outreach Program” (Behn-Smith D, Cardinal C).

- Lemmesse Al-Watban (resident) was nominated by the Department of Family Medicine, and was awarded the 2009 *CFPC Family Medicine Resident Award* for Scholarship for her project “Scrotal Involvement in an Adult with Henoch-Schonlein Purpura.”

- Carmen Larsen and Rebecca Adams (residents) were awarded the *Department of Family Medicine Resident Leadership Award*.

- Yuliya Kolodenko (resident) was awarded the *Department of Family Medicine Resident Peer Award*.

- Aidan Cunniffe (resident) was awarded the *Department of Family Medicine Research and Scholarship Award*.

- Four short educational films dealing with cultural competence issues produced by Drs. Earle Waugh, Jean Triscott and Ms. Olga Szafran, were nominated for *Best Educational Films for 2008* by the Alberta Motion Picture and Television Society for the Alberta Motion Picture Industry Awards (AMPIA) that were awarded in May 2009.

---

**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 projects;
- highest ethical standards in the conduct of research projects; and
- the diversity of generalist family practice and the research questions that arise.
GRANTS RECEIVED (Peer-Reviewed)

- **Allan GM.** Development of a Web-Based Clinical Content for Evidence Services. Alberta Medical Association.

- **Behn Smith D.** Community-Based Participatory Research Relationship Building with an Aboriginal Community as a Means to Facilitate Cultural Competency Development for Family Medicine Residents. College of Family Physicians – Janus Research Development Grant.

- **Bell N, Szafran O, P Jacobs.** Improving the Care of Diabetic Patients: A Randomized Trial of Family Physician Office-Based Chronic Disease Care Model for Patients with Type 2 Diabetes: Economic Analysis. Sanofi-Aventis Canada Inc.

- Bell M, Bykerk V, Wells G, Tugwell P, **Manca D, Godwin M.** Validation of an Early Inflammatory Arthritis Detection Tool in Primary Care in Canada. Canadian Arthritis Research Program.


- **Cave AJ.** To Examine the Introduction of an Alberta Asthma Action Plan into Primary Care Networks in Alberta. Alberta Lung Association.

- Cox D, Kaplan A, Mayers I, **Cave AJ, Wong E, Ahmadi E.** Alpha1 Anti-trypsin Deficiency Screening Study in Family Practice. Talecris.


- **Dobbs BM.** Driving and Dementia. British Columbia Automobile Association Traffic Safety Foundation.


- Field C, Fayyaz F, Brenier F, Bridge P, **Manca D, Goodewarde L, Eliasziw M.** Effect of Gene Polymorphism in Folate Metabolism on Folate Status in Early Pregnancy: A Sub-Project on the Alberta Pregnancy Outcomes and Nutrition (APrON) Cohort. Faculty of Agricultural, Life and Environmental Sciences - Food and Health Initiative.

- Field C, Bell R, McCargar L, **Manca D.** Assessing Folate Status Early in Pregnancy: A Pilot Project of APrON. Women and Children’s Health Research Institute (Internal Grant).


• **Klein D.** Physician Performance Improvement: Linking Clinical Practice Audit to Quality Care Improvement. Merck Frosst.


• **Moores D.** Evaluation of Access Improvement Measures (AIM) – Alberta Primary Care Initiative. Alberta Health Services.

• **Parmar J, Dobbs BM, Marin A.** Improving the Diagnosis and Management of Dementia in Primary Care – An Innovative, Collaborative Approach in the Westview Primary Care Network. Lundbeck Pharmaceuticals, Ortho-Janssen, Pfizer Canada.

• **Ross S, Donoff M, Steiner I.** Competence-Based Achievement System. Killam Research Grant.

• **Samuel S, Dobbs BM.** Investigating Changes in Frailty and Complexity in Individuals Attending Comprehensive Home Option for Integrated Care of the Elderly (CHOICE). Good Samaritan Society.

• **Stewart-Harawira M, Nutall M.** [Team Member: Cardinal C]. Energy Development and the Prosperity and Well-being of Aboriginal Communities in Northern Alberta. Social Sciences and Humanities Research Council.

• **Spooner GR.** Accelerating Primary Care 2009. Canadian Institutes for Health Research.

• **Triscott J, Waugh E, Szafran O.** Toward Culturally Responsive Care in the Community. Pfizer Canada.

• **Waugh E, Szafran O, Triscott J.** Cultural Competency Learning Manual. Dr. Scott H. Mcleod Family Medicine Memorial Fund.
NON-FUNDED PROJECTS

- **Behn Smith D, Ross S.** Aboriginal Health Core Competencies: Incorporating Aboriginal Health Issues into Medical Education.

- **Campbell-Scherer D, Green LA, Nease DE, Szafran O.** Development of an Interactive Model for Patient Panel Management in Family Practice.

- **Donoff M, Szafran O, Anderson D, Chiado M, Lavigne G, Moores D.** Evaluation of a Nurse-Supported Program for Patient Care of Preventative Maneuvers, Chronic Disease, and Patient-Specific Conditions.

- **Janke F.** Development of an Online Curriculum to Teach Professionalism to Family Medicine Residents.

- **Janke F, Ross S.** Exploring the Implications of Social Networking Sites on Professionalism.

- **Janke F, Ross S.** Using On-Line Technologies to Deliver Medical Education in a Distributed Learning Environment.

- **Janke F.** Developing a Therapeutics Curriculum in a Residency Program.

- **Janke F.** Institutional Barriers to National Postgraduate Medical Education Research in Canada.

- **Kolber M, Szafran O, Marceau R.** Aspirin Usage in Rural Alberta.

- **Levy M.** The Experience of Junior Family Medicine Faculty: Does Mentoring Play a Role?


- **Ross S, Nichols D.** How do Emergency Medicine – Family Medicine Residents Self-Identify?


- **Ross S, Donoff M, Humphries P.** Formative Assessment in Medical Education.

- **Ross S, Poth C.** Conducting Research in a Complex Environment: Applying Complexity Science Theory to Medical Education Research

- **Stickney-Lee J.** Determining Zopiclone use in Elderly Patients Admitted to the Geriatric Rehabilitation Unit.

OTHER ONGOING RESEARCH PROJECTS

- **Anderson J, Moores D, Szafran O.** Family Medicine Residents’ Intentions and Attitudes Towards Future Practice.


- **Bell NR, Lewanczuk R, Spooner GR, Szafran O, Williams B, Donaldson-Kelly S, Moe G, Jacobs P.** Improving the Care of Diabetic Patients: A Randomized Trial of a Family Physician Office-Based Chronic Disease Model for Patients with Type 2 Diabetes. Alberta Heritage Foundation for Medical Research.
OTHER ONGOING RESEARCH PROJECTS

- Bell M, Manca D, Godwin M. Field Validation of a Self-Administered Early Inflammatory Arthritis (EIA) Detection Tool in Primary Care Environment. Canadian Arthritis Network (Discovery Advancement Grant Competition).
- Cave AJ, Cave MT, Clandinin J, Thomson A. Parallel Charts for Training in Reflective Practice in Medical Residency. Dr. Scott H. McLeod Family Medicine Memorial Fund.
- Drummond N, Peng J, Triscott J. Dementia Services and Health Outcomes – CIHR Banff Collaboration Cohort Study. Alberta Heritage Foundation for Medical Research.
OTHER ONGOING RESEARCH PROJECTS


- Juby A, Peng J, Stickney-Lee J.  An Open-Label Extension Study Examining the Safety and Tolerability of Memantine in Patients with Moderate to Severe Dementia of the Alzheimer’s Type Having Completed Study Number 10158.  Lundbeck A/S [Clinical Trial].

- Juby A, Peng J, Stickney-Lee J.  A Randomized, Double-Blind, Parallel-Group Study Examining the Efficacy and Safety of Memantine in Patients with Moderate to Severe Dementia of the Alzheimer’s Type.  Lundbeck A/S [Clinical Trial].


- Korownyk C, Allan GM, Manca D.  Answering Clinical Questions in Practice:  Comparison of Graduates from University of Alberta’s New Evidence-Based Medicine Curriculum and Those From Other Programs.  College of Family Physicians of Canada (Janus Grant).


- Marin A, Dobbs BM.  Risk Factors for Placement to Long Term Care and Length of Stay in Individuals with Dementia to Medical Units in Acute Care Setting.  Caritas Health Group.


- Nichols D, Ross S, Steiner I.  The Opinion of Emergency Physicians from an Urban Emergency Department on the Role and Impact of the Nurse Practitioner.

**OTHER ONGOING RESEARCH PROJECTS**

- **Peng J.** Reliability of a Modified Functional Health Literacy Test in Elderly Adults: A Pilot Study. Glenrose Rehabilitation Hospital.


- **Shaw N, Mayes D.** The Impact of a Critical Care Information System on Interruptions in Intensive Care. Canadian Institutes of Health Research.


- **Shaw N.** Health Informatics Research. Capital Health.

- **Stickney-Lee J.** The Utility of the Behavioral Neurology Assessment with Older Inpatients.

- **Stickney-Lee J.** Is Osteoporosis Adequately Screened and Treated in the Population of Seniors at START Medicine Day Hospital?

- **Stickney-Lee J.** Examining Use of Antithrombotic Therapy in Geriatric Patients with Atrial Fibrillation.

- **Spooner GR, Tarumi Y, Szafran O.** Randomized Double-Blind, Placebo-Controlled Trial of Oral Docusate for Preventing/Treating Constipation in Palliative Care Patients. Caritas Research Fund.

- **Spooner GR, Tarumi Y, Szafran O.** Randomized Double-Blind, Placebo-Controlled Trial of Oral Docusate for Preventing/Treating Constipation in Palliative Care Patients. College of Family Physicians of Canada (Janus Grant).


• Campbell-Scherer DL, Green LA. ACC/AHA guideline update for the management of ST-segment elevation myocardial infarction. *American Family Physician* 2009 (Jun); 78(12): 1080-1086.


• Dobbs BM. The transitioning process from driving to non-driving. [Abstract] *The Gerontologist* 2009 (Nov); 49(supplement 2): 88-89.

• Dobbs BM, Harper LA, Wood A. Transitioning from driving to driving cessation: The role of specialized driving cessation support groups for individuals with dementia. *Topics in Geriatric Rehabilitation* 2009 (Jan); 25(1): 73-86.


• Donoff M. Field notes: Assisting achievement and documenting competence. *Canadian Family Physician* 2009 (Dec); 55(12): 1260-1262.

• Franc-Law JM, Dong SL, Nichols D. Resident training in disaster medicine using the disastermed.ca emergency department simulator and an expedited problem-based curriculum. [Abstract] *Prehospital Disaster Medicine* 2009 (Mar); 24(s117).


• Gowans MC, Glazier L, Wright BJ, Brenneis FR, Scott IM. Choosing a career in psychiatry: Factors associated with a career interest in psychiatry among Canadian students on entry to medical school. *Canadian Journal of Psychiatry* 2009 (Aug); 54(8): 557-564.


PUBLICATIONS (Peer-Reviewed Journals)


- Lai JK, Lau F, **Shaw NT**. A study of information technology use and implementation of electronic medical record systems in BC medical practices. *BC Medical Journal* 2009 (April); 51(3): 114-121.

- Mador RL, **Shaw NT**. The impact of a Critical Care Information System (CCIS) on time spent charting and in direct patient care by staff in the ICU: A review of the literature. *International Journal of Medical Informatics* (July); 78(7): 435-445.


• Scott IM, Wright BJ, Brenneis FR, Gowans MC. Whether or wither some specialties: A survey of Canadian medical student career interest. *BMC Medical Education* 2009 (Sep); 9: 57 (e1-e6).


OTHER PUBLICATIONS (Non Peer-Reviewed)


OTHER PUBLICATIONS (Non Peer-Reviewed)


OTHER PUBLICATIONS/REPORTS (Non Peer-Reviewed)


OTHER PUBLICATIONS (Non Peer-Reviewed)


- Triscott J. When your world begins to spin – Understanding and coping with dizziness. *Family Health* Fall 2009: 43-45.


• Cardinal C, Lamothe R. Logic model: Collaboration between traditional healing and western medicine. [Technical Report]

• Cardinal C. How elders and healers are utilized at the University. [Technical Report]

• Cardinal C. Indigenous plants used for medicinal purposes by the Plain Indians: Protocols for their use, and conflicts natural plants can have with conventional drug medications. [Technical Report]

• Cardinal C. Elders and healer protocols: A study of three holy men and methods and ways in accessing their teachings and traditional knowledge pertaining to health and healing. [Technical Report]

• Cardinal C, Waugh E. Medicinal and healing recipes from 12 renowned healers of Western Canada and Northern USA. A collection of 28 original recipes as used by the indigenous people(s) prior to contact with Western Medicine. [Technical Report]


• Shaw NT. Guidelines for the Protection of Health information. 2009. [Monograph]
**BOOKS, MONOGRAPHS, TECHNICAL REPORTS**


**OTHER MEDIA/PUBLICATIONS**


- McCormack J, **Allan GM**. Information on older drugs from an even older doctor – Part I. *Therapeutics Initiative and i-tunes*. 2009 [podcast].

- McCormack J, **Allan GM**. Information on older drugs from an even older doctor – Part II. *Therapeutics Initiative and i-tunes*. 2009 [podcast].

- McCormack J, **Allan GM**. Diverse listener questions and comments – Q&A with no QA. *Therapeutics Initiative and i-tunes*. 2009 [podcast].

- McCormack J, **Allan GM**. New trials you need to know about – Part I. *Therapeutics Initiative and i-tunes*. 2009 [podcast].

- McCormack J, **Allan GM**. New trials you need to know about – Part II. *Therapeutics Initiative and i-tunes*. 2009 [podcast].


- McCormack J, **Allan GM**. Obesity – what’s the big deal? *Therapeutics Initiative and i-tunes*. 2009 [podcast].

• McCormack J, Allan GM. Obesity – what’s the big deal? – Part III. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Practice changing articles – with double the Mikes. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Practice changing articles – with double the Mikes - Part II. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. High quality information on drug safety – Special guest Dr. Bruce Psaty. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Becoming less anxious about anxiety disorders. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Becoming less anxious about anxiety disorders – Part II. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM, Korownyk C. More useful clinical trials – with a gentler touch. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM, Korownyk C. More useful clinical trials – with a gentler touch – Part II. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. An important part of a Comprehensive Risk Profile or a Completely Ridiculous Practice. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. An important part of a Comprehensive Risk Profile or a Completely Ridiculous Practice - Part II. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. An important part of a Comprehensive Risk Profile or a Completely Ridiculous Practice - Part III. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t – Part II. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t – Part III. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t – Part IV. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t – Part V. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t – Part VI. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t – Part VII. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. Type 2 Diabetes – how sweet it isn’t – THE END. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. More listener questions with answers leaving more questions. Therapeutics Initiative and i-tunes. 2009 [podcast].

• McCormack J, Allan GM. An important part of a Comprehensive Risk Profile or a Completely Ridiculous Practice - Part III. Therapeutics Initiative and i-tunes. 2009 [podcast].
• McCormack J, Allan GM. More listener questions with answers leaving more questions – Part II. *Therapeutics Initiative and i-tunes*. 2009 [podcast].


• McCormack J, Allan GM. The “heart of the matter” for stroke prevention in atrial fibrillation. *Therapeutics Initiative and i-tunes*. 2009 [podcast].

• McCormack J, Allan GM. More studies you need to know about. *Therapeutics Initiative and i-tunes*. 2009 [podcast].

• McCormack J, Allan GM. More studies you need to know about – Part II. *Therapeutics Initiative and i-tunes*. 2009 [podcast].
We commend members of the Department for the numerous presentations they make 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 members are denoted in **bold**; actual presenter(s) are denoted in **CAPS**


PRESENTATIONS

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


PRESENTATIONS

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


PRESENTATIONS

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


PRESENTATIONS

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


**PRESENTATIONS**

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


PRESENTATIONS

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


• Sadowski CA, **Marin A.** Pre-Referral Care of Patients with Cognitive Impairment Seen in a Seniors Clinic.  *poster* Canadian Conference on Dementia. Toronto, Ontario. October 1-3, 2009.


• Shavit I, Peled S, **Steiner IP**, Harley DD, **Ross S**, Tal-Or E, Lemire A. Outcome of Two Teaching Methods on Lay-Rescuers’ Short-Term Retention of Infant BLS Skills: Review of Videotaped Independent Practice Compared to Conventional Teaching. (Collaboration with Rappaport Faculty of Medicine, Technion, Haifa, Israel.) 14th Annual Scientific Assembly of the Israeli Association of Emergency Medicine. Tel Aviv, Israel. May 19-20, 2009.


• Simpson SH, Majumdar SR, Tsuyuki RT, Lewanczuk RZ, **Spooner GR**, Johnson JA. A Pharmacist Intervention Program Increased Appropriate Anti-Platelet Use in People with Type 2 Diabetes. Canadian Cardiovascular Congress. Edmonton, Alberta. October 24-28, 2009.


• Stobart K, Buckingham J, **Konkin J**, Rupert H. Using Web 2.0 to Enhance Evidence-Based Practice Learning. 5th International Conference of Evidence-Based Health Care Teachers and Developers. Taormina, Italy. October 28-November 1, 2009.


PRESENTATIONS

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


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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 26, 2009</td>
<td>Motivation Theory in Action: Best Practices in Giving Feedback – <em>Shelley Ross</em></td>
</tr>
<tr>
<td>April 23, 2009</td>
<td>People are Talking: Results of the 2008 Clinic, Department Staff and Physician Surveys – <em>Denise Armstrong</em></td>
</tr>
<tr>
<td>May 28, 2009</td>
<td>See Your Own – Don’t Make Them Wait! The Department of Family Medicine Adoption and Support of the Alberta AIM Principles – <em>Mirella Chiodo</em></td>
</tr>
<tr>
<td>June 25, 2009</td>
<td>Using Participatory Action Research in the Development and Implementation of a Competency-Based Assessment System – <em>Shelley Ross</em></td>
</tr>
<tr>
<td>September 24, 2009</td>
<td>The Ideal Family Practice – <em>Phyllis Jensen</em></td>
</tr>
<tr>
<td>October 15, 2009</td>
<td>Vibrational Sound Experiences and Healing – <em>Ed Mann</em></td>
</tr>
<tr>
<td>November 26, 2009</td>
<td>Medical Education &amp; Health Informatics: Is it Time to Join the 21st Century – <em>Nicola Shaw</em></td>
</tr>
</tbody>
</table>
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY

Allan M
- Reviewer, Annual Scientific Assembly, Alberta College of Family Physicians
- Reviewer, Canadian Medical Association Journal
- Reviewer, Canadian Journal of Diabetes

Behn Smith D
- Reviewer, Canadian Journal of Diabetes
- Reviewer, First Nations, Inuit and Aboriginal Health Branch Clinical Guidelines for Nurses in Primary Care
- Product Reviewer, The Association of Faculties of Medicine in Canada on Population Health

Bell NR
- Reviewer, Medical Care
- Reviewer, British Journal of General Practice
- Reviewer, Anaphylaxis in Schools & Other Settings – 2nd Edition, Canadian Society of Allergy and Clinical Immunology for the College of Family Physicians of Canada

Cardinal C
- Grant panel, Institute of Aboriginal Peoples’ Health

Cave AJ
- Reviewer, Annals of Family Medicine
- Reviewer, Canadian Family Physician
- Reviewer, International Primary Care Respiratory Journal
- Reviewer, North American Primary Care Research Group Conference
- Grant Panel, Alberta Heritage Foundation for Medical Research
- Grant Panel, CIHR Research Synthesis Panel
- Grant Panel, CIHR Resources Panel
- Grant Reviewer, College of Family Physicians of Canada (Janus Awards)
- Grant Reviewer, Public Health Agency of Canada for the National Lung Health Framework

Cave MT
- Reviewer, Doctoral in Nursing Comprehensive Exam

Dobbs B
- Grant Panel, Alberta Mental Health Research Partnership Program Collaborative Research Grant Initiative
- Grant Panel, Alzheimer Association
- Grant Panel, CIHR Catalyst Grant Pilot Projects in Aging and Mobility in Aging
- Grant Reviewer, Saskatchewan Health Research Foundation
- Reviewer, Journal of the International Neuropsychology Society
- Reviewer, Traffic Injury and Prevention
- Reviewer, British Journal of Clinical Psychology

Humphries P
- Reviewer, Canadian Medical Association Journal
- Reviewer, Canadian Family Physician

Janke F
- Reviewer, Canadian Journal of Rural Medicine

Khera S
- Reviewer, Canadian Family Physician
- Reviewer, North American Primary Care Research Group Conference
<table>
<thead>
<tr>
<th>Name</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Klein D</td>
<td>• Reviewer, American Family Physician</td>
</tr>
<tr>
<td></td>
<td>• Reviewer, Journal of Continuing Education in the Health Professions</td>
</tr>
<tr>
<td>Konkin J</td>
<td>• Reviewer, <em>Canadian Journal of Rural Medicine</em></td>
</tr>
<tr>
<td>Korownyk C</td>
<td>• Reviewer, McMaster Plus</td>
</tr>
<tr>
<td>Manca D</td>
<td>• Reviewer, Alberta College of Family Physicians, AFPRN Poster Presentations</td>
</tr>
<tr>
<td></td>
<td>• Reviewer, <em>Canadian Family Physician</em></td>
</tr>
<tr>
<td></td>
<td>• Clinical Director, Alberta Family Practice Research Network</td>
</tr>
<tr>
<td>Moores D</td>
<td>• Reviewer, Research Ethics Review Committee, College of Physicians and</td>
</tr>
<tr>
<td></td>
<td>Surgeons of Alberta</td>
</tr>
<tr>
<td></td>
<td>• Grant Panel, Primary Care Initiative Evaluation Advisory Committee</td>
</tr>
<tr>
<td>Nichols D</td>
<td>• Reviewer, <em>Canadian Journal of Emergency Medicine</em></td>
</tr>
<tr>
<td>Ross D</td>
<td>• Reviewer, McMaster Problem-Based Small Group Learning</td>
</tr>
<tr>
<td>Ross S</td>
<td>• Reviewer, <em>Canadian Journal of Education</em></td>
</tr>
<tr>
<td></td>
<td>• Reviewer, *The Canadian Journal of Science, Mathematics and Technology</td>
</tr>
<tr>
<td></td>
<td>Education</td>
</tr>
<tr>
<td>Salvalaggio G</td>
<td>• Reviewer, <em>Canadian Family Physician</em></td>
</tr>
<tr>
<td>Smith L</td>
<td>• Faculty Member, “Influenza – Providing Patient Care” course, Practice</td>
</tr>
<tr>
<td></td>
<td>Development/Continuing Pharmacy Education, Faculty of Pharmacy and</td>
</tr>
<tr>
<td></td>
<td>Pharmaceutical Sciences, University of Alberta.</td>
</tr>
<tr>
<td>Shaw N</td>
<td>• Grant Reviewer, Dutch Technology Foundation</td>
</tr>
<tr>
<td></td>
<td>• Grant Reviewer, Social Sciences and Humanities Research Council of</td>
</tr>
<tr>
<td></td>
<td>Canada</td>
</tr>
<tr>
<td></td>
<td>• Reviewer, <em>Healthcare Policy</em></td>
</tr>
<tr>
<td></td>
<td>• Editorial Board and Reviewer, *International Journal of Medical</td>
</tr>
<tr>
<td></td>
<td>Informatics</td>
</tr>
<tr>
<td></td>
<td>• Reviewer, *International Journal of Computer Assisted Radiology and</td>
</tr>
<tr>
<td></td>
<td>Surgery</td>
</tr>
<tr>
<td></td>
<td>• Reviewer, <em>Journal of Critical Care</em></td>
</tr>
<tr>
<td></td>
<td>• Reviewer, <em>Journal of Medical Internet Research</em></td>
</tr>
<tr>
<td></td>
<td>• Reviewer, MEDINFO 2010 World Congress on Medical and Health Informatics</td>
</tr>
<tr>
<td></td>
<td>• Reviewer, <em>Science, Technology &amp; Human Values</em></td>
</tr>
<tr>
<td></td>
<td>• Reviewer, <em>Studies in Ethics, Law and Technology</em></td>
</tr>
<tr>
<td></td>
<td>• Editorial Board, <em>Informatics for Health &amp; Social Care Journal</em></td>
</tr>
<tr>
<td></td>
<td>• Editorial Board, <em>Journal of Open Source Medical Computing</em></td>
</tr>
</tbody>
</table>
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY

Spooner R
- Reviewer, *Canadian Family Physician*
- Reviewer, *Healthcare Policy – Politiques de santé*

Steiner I
- Reviewer, *Israeli Journal of Emergency Medicine*
- Reviewer, *Canadian Journal of Emergency Medicine*

Szafran O
- Reviewer, Alberta College of Family Physicians, AFPRN Poster Presentations
- Reviewer, North American Primary Care Research Group Conference

Triscott J
- Reviewer, College of Family Physicians of Canada
- Reviewer, *Geriatrics and Aging*
- Grant Reviewer, Elan Pharmaceutical

Waugh E
- Editor in Chief, *Religious Studies and Theology: An Interdisciplinary Journal*
- Book Reviewer, American University in Cairo Press
- Book Reviewer, B Tauris Publisher
- Education Consultant, Alberta Caregivers Association
FAMILY MEDICINE RESEARCH DAY – June 5, 2009

Plenary Address
“Tales of a Rural Primary Care Researcher” - Dr. Michael Kolber, Asst Clin Prof, Dept of Family Medicine

Oral Presentations
- Screening Mamograms (Practice Audit) – Dr. Stephanie Mullin
- Different Presentations of Leishmaniasis in Endemic Areas – Dr. Elaheh Ahmadi
- Constipation in Palliative Care: Current Definitions and Assessing the Effectiveness of Docusate in a Randomized, Controlled Trail – Mitchell Wilson
- Eliminating Risk of Preventable Adverse Drug Events at the Hospital-Community Interface of Care: To Develop and Test a Community-Based Medication Reconciliation Program and Risk Prediction Model that Identifies High-Risk Patient Groups – Dr. Allan Bailey
- Drivers, Benefits, and Barriers to Electronic Medical Record Implementation – Dr. Mark Ballermann
- An Evaluation of the Management of Hemochromatosis in a Primary Care Clinic – Dr. Sarah Meleshko
- Qualitative Research: A Very Brief Introduction – Dr. Daniele Behn Smith
- Colorectal Cancer Screening (Practice Audit) - Drs. Annette Begalke and Ahmar Khan
- See Your Own – Don’t Make them Wait – Mirella Chiodo
- The Competency-Based Achievement System: A Framework for Assessing Competency in Family Medicine – Dr. Shelley Ross
- Residents’ Clinical Questions: What are They? Where do They Get Answers? Are the Answers Helpful – Dr. Christina Korownyk
- Visions in the Blind: Case Report of Charles Bonnet Syndrome – Dr. Wadih Azzi
- Determining Zopiclone Use in Elderly Patients Admitted to the GRH General Geriatric Rehabilitation Units - Dr. Rebecca Leonard
- Is Osteoporosis Adequately Screened and Treated in a Sample of Seniors at the START (Short Term Assessment, Rehabilitation & Treatment) Medicine Day Hospital – Dr. Ranjeeta Gounden
- Simulation for Training in Family Medicine – Dr. Rebecca Adams

Posters
- Anderson J, Szafran O, Moores D. Incentives and Barriers to Community-Based Practice for Family Medicine Residents.
- Bell N, Szafran O, Werbiski Wood P, Greidanus C. A Randomized Controlled Trial of a Family Physician Office Based Chronic Disease Care Model for Patients with Type 2 Diabetes.
- Bhanji N, Cave AJ, Makarowski C. The Effect on Health Care Costs of an Asthma Education Intervention in Alberta.
- Cave AJ., Makarowski C, Ahmadi E. Impact of Asthma Education on Patient Quality of Life.
- Donoff M, Humphries P, Ross S, Steiner I. Developing Competency-Based Assessment and Evaluation of Family Practice Residents.
- Department of Family Medicine. Research Program - Department of Family Medicine.
- Department of Family Medicine. Resident Research and Scholarly Activity.

Acknowledgements: Family Medicine Residents’ Association (FMRA), Alberta Rural Physician Action Plan (RPAP) & Alberta College of Family Physicians, Department of Family Medicine
# PRACTICE QUALITY IMPROVEMENT (PQI) PROJECTS (2nd Year Residents)

During the second year of the Family Medicine Residency Program, each resident, in collaboration with his/her community preceptor and faculty advisor undertakes a project on Practice Quality Improvement (PQI). The purpose of the PQI project is to provide family medicine residents the opportunity to develop the skills required to implement the process of quality assessment and improvement in their clinical practices. Residents present their PQI projects to the site where the project was conducted.

### 2008/2009 Academic Year

<table>
<thead>
<tr>
<th>Resident</th>
<th>PQI Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADAMS, Rebecca</td>
<td>Simulation as a tool for training in family medicine.</td>
</tr>
<tr>
<td>AL-WATBAN, Lemmese</td>
<td>Scrotal involvement in an adult with Henoch-Schoenlein Purpura - A case report.</td>
</tr>
<tr>
<td>ANDRUSKY, Kathryn</td>
<td>Frequency of cervical cancer screening in patients with HIV/AIDS.</td>
</tr>
<tr>
<td>ASSAD, Omar</td>
<td>Ophthalmological referral in patients with diabetes.</td>
</tr>
<tr>
<td>BALOUCH, Hamid</td>
<td>Preventive care for children age 7-12 years in northern Alberta.</td>
</tr>
<tr>
<td>BEDI, Jasbir</td>
<td>How often should the Rest, Ice, Compression, Elevation protocol be advocated and documented in charts for musculoskeletal injuries in an urban family medicine practice?</td>
</tr>
<tr>
<td>BEEKMAN, Steven</td>
<td>Rates of screening for colorectal cancer.</td>
</tr>
<tr>
<td>BENNETT, Matthew</td>
<td>Colorectal cancer screening in a solo family practice.</td>
</tr>
<tr>
<td>BHIMANI, Laila</td>
<td>Screening for microalbuminuria in patients with diabetes mellitus.</td>
</tr>
<tr>
<td>BONG, Alicia</td>
<td>In a rural Alberta practice, what proportion of prenatal patients are offered the maternal serum screen? What proportion of prenatal patients choose/decline the maternal serum screen?</td>
</tr>
<tr>
<td>BRAR, Nirmala</td>
<td>Screening for colorectal cancer with fecal occult blood test (FOBT) in average risk patients.</td>
</tr>
<tr>
<td>CHAN, Alanna</td>
<td>During a complete medical exam, how important is it to measure waist circumference to prevent obesity?</td>
</tr>
<tr>
<td>CHEUNG, Garvin</td>
<td>Osteoporosis screening in men using bone mineral density.</td>
</tr>
<tr>
<td>CLARK, Marc</td>
<td>Investigation of hypothyroidism at a community medical clinic</td>
</tr>
<tr>
<td>CLOW, Erin</td>
<td>The use of homocysteine and methylmalonic acid as adjuncts in the assessment of cobalamin deficiency.</td>
</tr>
<tr>
<td>CUNNIFFE, Aidan</td>
<td>Satisfaction with emergency department care among family members of critically ill patients: A feasibility study.</td>
</tr>
<tr>
<td>CVETKOVIC, Igor</td>
<td>Osteoporosis – who should be screened by bone mineral density?</td>
</tr>
<tr>
<td>DANIAL, Kamal</td>
<td>What residents think about PQI.</td>
</tr>
<tr>
<td>DASGUPTA, Bonnie</td>
<td>Are statins effective for the secondary prevention of stroke?</td>
</tr>
<tr>
<td>EDANI, Shakibeh</td>
<td>What is the proportion of type 2 diabetic patients reaching a target glycemia control (HbA1c≤7) in a community-based family practice clinic?</td>
</tr>
<tr>
<td>ELMSALLATI, Taher</td>
<td>Blood pressure follow up in diabetic patients, are we monitoring it closely?</td>
</tr>
<tr>
<td>Resident</td>
<td>PQI Topic</td>
</tr>
<tr>
<td>-------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ELMSALLATI, Taher</td>
<td>Blood pressure follow up in diabetic patients.</td>
</tr>
<tr>
<td>ESKHAROUN, Magdoline</td>
<td>How many patients are screened for prostate cancer at the age of 50?</td>
</tr>
<tr>
<td>GIANG, Clarence</td>
<td>Cervical cancer screening.</td>
</tr>
<tr>
<td>HAWKWOOD, Joseph</td>
<td>Design for a general practice billing program.</td>
</tr>
<tr>
<td>KASUMOVIC, Janna</td>
<td>What percentage of eligible patients have been offered fecal occult blood screening?</td>
</tr>
<tr>
<td>KHOSRODAD, Nasim</td>
<td>Are patients getting standard colorectal cancer screening.</td>
</tr>
<tr>
<td>KIRSTEIN, Dolen</td>
<td>A retrospective analysis of uninsured billing practices.</td>
</tr>
<tr>
<td>KRALT, Douglas</td>
<td>Physician access wait times in an Edmonton family practice.</td>
</tr>
<tr>
<td>KRANZ, Thomas</td>
<td>How compliant are patients when asked to measure glycated hemoglobin (HbA1c)?</td>
</tr>
<tr>
<td>LARSEN, Carmen</td>
<td>Ophthalmological examinations in patients with non-insulin dependent diabetes mellitus: An audit of guideline recommendations.</td>
</tr>
<tr>
<td>LAVERTY, Kay</td>
<td>HbA1c measurement in type 2 diabetes mellitus: A practice comparison to current Canadian guidelines.</td>
</tr>
<tr>
<td>LAW, Helen</td>
<td>To assess osteoporosis screening in men aged 65 years and older in a family medicine clinic.</td>
</tr>
<tr>
<td>LEE, Christopher</td>
<td>Implementing human papillomavirus (HPV) vaccination in a community family medicine clinic.</td>
</tr>
<tr>
<td>LEE, Lawrence</td>
<td>Nuchal translucency ultrasound as a first trimester screen in pregnant women in Lloydminster.</td>
</tr>
<tr>
<td>MAJEED MOHAMMED, Asma’a</td>
<td>Preconception rubella immunization: An evaluation of counseling rates.</td>
</tr>
<tr>
<td>MANCHIKANTI, Srinivasa</td>
<td>What type of screening method was most commonly advised for colorectal cancer screening?</td>
</tr>
<tr>
<td>McGINLEY, Magdalena</td>
<td>Fecal occult blood test screening of patients 50 years and older.</td>
</tr>
<tr>
<td>MELESHKO, Sarah</td>
<td>Treatment guidelines for patients with hemochromatosis: A practice audit.</td>
</tr>
<tr>
<td>MIDDLETON, Joanna</td>
<td>Chart audit of billing practices.</td>
</tr>
<tr>
<td>MITCHELL, Rusanna</td>
<td>Angiotensin converting enzyme inhibitors in patients with a dual diagnosis of diabetes mellitus and hypertension.</td>
</tr>
<tr>
<td>MOGUS, Tally</td>
<td>Yearly mantoux skin testing in patients with known human immunodeficiency virus</td>
</tr>
<tr>
<td>MORROS, Michelle</td>
<td>Prostate-specific antigen (PSA) as a population-based screening tool.</td>
</tr>
<tr>
<td>NAIDOO, Suraiya</td>
<td>Rates of vaccination in a family medicine clinic.</td>
</tr>
<tr>
<td>NWANKWOO, David</td>
<td>Ophthalmological referral in patients with diabetes.</td>
</tr>
<tr>
<td>OBST, Jennifer</td>
<td>Osteoporosis screening in women over 65 years old.</td>
</tr>
</tbody>
</table>
Resident | PQI Topic
---|---
PERSON, Terri | Obesity: Are we doing enough and what do patients want?
PICKLE, David | Physician level of continuity of care of a physician.
PITULEY, Tetyana | Should family doctors provide preventive care during periodic health exam annual check-ups only or during the course of medical visits for other purposes?
PRATT, Marielle | Is fecal occult blood testing the only screening modality that has been shown in randomized controlled trials to reduce colorectal cancer mortality?
REHMAN, Mujeeb | Are males over 65 years old getting bone mineral density testing?
REID, Branden | What percentage of patients aged 50 to 74 in family practice are screened for colon cancer with fecal occult blood testing (FOBT) every 2 years?
REZANSOFF, Natalie | Angiotensin converting enzyme (ACE) inhibitors in patients with a dual diagnosis of diabetes mellitus and hypertension.
HERMARY-RICE, Lisa | Adherence to guidelines for performing spirometry in patients who have been diagnosed with chronic obstructive pulmonary disease (COPD).
SAINBHEE, Parampreet | To compare the compliance of glycosylated hemoglobin (HbA1c) measurement with the Canadian diabetes consensus guidelines in type 2 diabetes mellitus.
SAMENY, Alireza | How primary care network (PCN) nurse visits affect glycosylated hemoglobin (HbA1c) levels in patients with type 2 diabetes mellitus.
SMITH, Dianne | Are the men at risk for osteoporosis being screened appropriately with bone densitometry?
SMITH, Garth | Using urea breath testing to screen for and treat helicobacter pylori to reduce the risk of gastric cancer in asymptomatic patients who are first degree relatives of persons with gastric cancer.
SPIERS, Caroline | Level of continuity of care.
TALWAR, Shalin | Follow-up of glycemic index in diabetic patients.
TSANG, Monica | The utilization of bone mineral density testing specific to the geriatric male population as outlined by the clinical practice guidelines for the diagnosis and management of osteoporosis in Canada.
UNGER, Matthew | Would the use of emergency department targeted ultrasound have the potential to improve delivery of patient care?
VIPLER, Christopher | Continuity of care in the older patient.
WALSH, Colin | Are we screening enough people over age 65 for osteoporosis?
<table>
<thead>
<tr>
<th>Resident</th>
<th>PQI Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>WALSH, Dionne</td>
<td>Patient herd immunity against pertussis.</td>
</tr>
<tr>
<td>WONG, Judy</td>
<td>Measurement of albumin to creatinine ratio in diabetics.</td>
</tr>
<tr>
<td>ZAMANI, Haseebullah</td>
<td>Risk factor modification of patients with hypertension, hypercholesterolemia and diabetes mellitus seen.</td>
</tr>
<tr>
<td>ZAPRZELSKI, Agnes</td>
<td>What percentage of patients are meeting the criteria for breast cancer screening through mammography?</td>
</tr>
</tbody>
</table>
BEAR PROJECTS (1st Year Residents)

The ability to critically appraise the literature is deemed to be an essential skill required of all family physicians. In the Family Medicine Residency Program, all first year residents are required to conduct several Brief Evidence-Based Assessments of Research (BEAR). Residents present their BEAR topics at the academic teaching sites.

2008/2009 Academic Year

<table>
<thead>
<tr>
<th>Resident</th>
<th>BEAR Topics</th>
</tr>
</thead>
</table>
| ALMOND, Chris  | - Are myalgias commonly attributed to statins significant and what should be done about them?  
- Why are family doctors using SERC (betahistine) for non-specific vertigo and non-vertigo dizziness?  
- Is there any evidence for the use of topical calcium channel blockers for Raynauds syndrome?  
- What is the evidence for over-the-counter probiotics in irritable bowel syndrome? |
| AHMADI, Elaheh | - Is intra-articular and local administration of glucocorticoids effective in the treatment of osteoarthritis?  
- Which antidepressant is effective in treatment of depression and anxiety?  
- Is vitamin B12 effective in the treatment of recurrent oral ulcers? |
| AZZI, Wadih    | - What is the medical treatment of alcohol abuse and depression?  
- What causes visual hallucinations in elderly people?  
- What is the effective pharmacotherapy for somnambulism?  
- What is the vitamin B12 route of administration? Is oral route possible or only intramuscular? |
| BALKO, Justin  | - Is it appropriate to treat gestational diabetes with oral medications rather than insulin?  
- Is chronic marijuana use associated with hyperemesis?  
- Is physical exercise an effective treatment option for depression?  
- What are the benefits of increased vitamin D intake in pregnant women? |
| BEGALKE, Annette | - Should colchicine be used prophylactically to prevent recurrent attacks of pseudo-gout in adults?  
- Does vitamin D supplementation protect men and women with average risk against colorectal cancer?  
- How effective is Buscopan® in relieving symptoms associated with irritable bowel syndrome?  
- Should domperidone be used to increase the milk supply in breastfeeding mothers? |
| BANADA, Sunil  | - Use of hormonal contraception in migraine headaches.  
- Eructation disorder in adolescents.  
- Effectiveness of nicotine treatment in ulcerative colitis.  
- Testosterone replacement in hypogonadal men and cancer risk. |
<table>
<thead>
<tr>
<th>Resident</th>
<th>BEAR Topics</th>
</tr>
</thead>
</table>
| BHALLA, Raveen    | • Efficacy of pharmacological products for smoking cessation: varenicline versus bupropion.  
• For patients in intermittent vascular claudication, are there proven pharmacologic interventions that can be used for systematic relief?  
• Role of pharmacological medication for insomnia.                                                                                                   |
| BRAR, Avneet      | • How effective can exercise be at reducing blood pressure?  
• Do inhaled corticosteroids reduce the growth of children?  
• Using glycosylated hemoglobin (HbA1c) to diagnose type 2 diabetes.                                                                                   |
| CHARI, Anish      | • Does cyclobenzaprine improve pain or reduce duration of acute lower back pain?  
• Is melatonin effective for primary sleep disorder?  
• Does routine screening of scoliosis at annual adolescent yearly physical prevent complications of the disease?  
• Are there any guidelines to screen for ovarian cancer in women?                                                                                     |
| CHIN, Garrett     | • Does white coat hypertension confer any significant morbidity/mortality risk compared to sustained hypertension?  
• Use of stool transplant for recurrent Clostridium difficile infections.  
• Is there a dietary component to acne vulgaris?  
• Should metformin be used prophylactically to prevent diabetes mellitus in patients with postoperative length of stay? |
| CORRALES, Jennifer| • Are salmon oil supplements beneficial in the treatment of hypertriglyceridemia and lowering risk of coronary heart disease?  
• Is there an association between Champix® and depression/suicidality?  
• Is there a link between increased suicidality and the initiation of antidepressant treatment in adolescents? |
| CROMPTON, Daniel  | • Are the medical benefits to neonatal circumcision significant enough to recommend the practice to parents?  
• Is there a role for inhaled corticosteroids in the treatment of stable chronic obstructive pulmonary disease (COPD)?                                      |
| DUTA, Valentin    | • Could computed tomography colonography be a reliable alternative method for colorectal cancer screening?  
• What is the best strategy to prevent non-steroidal anti-inflammatory drug (NSAID) induced gastrointestinal ulcers and their complications?  
• Is anti-cyclic citrullinated peptide antibody more relevant than rheumatoid factor (RF) in the diagnosis and prognosis of rheumatoid arthritis? |
| EVANS, Kenneth    | • How safe are low carbohydrate ketogenic diets?  
• How effective is arthroscopic surgery for the treatment of osteoarthritis of the knee?  
• How effective is vitamin E for treatment of Alzheimer’s disease and mild cognitive impairment (MCI)?  
• Do statins cause memory loss?  
• How effective is acetaminophen and ibuprofen combined for analgesia?                                                                                  |
<table>
<thead>
<tr>
<th>Resident</th>
<th>BEAR Topics</th>
</tr>
</thead>
</table>
| FOGL, Margaret    | • What are the hematologic complications of low-dose methotrexate?  
• Is cognitive-based therapy-based bibliotherapy alone effective in the treatment of depression in adults?  
• Are metered dose inhalers with holding chambers as effective as nebulizers in the treatment of acute asthma in children? |
| GABRA, Nancy      | • Does long term use of celecoxib increase risk for cardiovascular events? In patients with type 2 diabetes mellitus, how effective and safe are different insulin preparations (premixed) compared to long acting insulin analogues?  
• Bisphosphonate therapy: To stop or not to stop?  
• In patients with rheumatoid arthritis, what is the 10 year absolute risk for cardiovascular (CV) events? How do CV risk factors affect absolute risk? |
| GARCEA, Cristina  | • Does Champix® produce higher smoking cessation rates?  
• Is C-reactive protein (CRP) a reasonable marker of cardiovascular risk?  
• Does premorin cream work more effectively than tablets or a ring for local estrogen therapy?  
• Is glucosamine an effective treatment for osteoarthritis? |
| GENGIE, Gaylene   | • Is calcitonin an effective means of pain relief in the elderly for acute vertebral compression fractures?  
• Are anti-obesity medications such as Orlistat and Meridia® effective at reducing weight and/or body mass index in adolescents?  
• Does membrane stripping/sweeping at the time of induction of labour reduce the induction to delivery time, increase the spontaneous vaginal delivery rate, or reduce caesarean-section rate?  
• Does oropharyngeal bulb suctioning before delivery of the shoulders prevent adverse outcomes in meconium stained infants? |
| GRAHAM, Nicholas  | • What are the current first line options for the treatment of restless leg syndrome?  
• Are specific diets more effective in treating hypertension?  
• Is there added benefit to 30 mg lipitor versus 20 mg lipitor in mortality benefits? |
| HAMID, Haroon     | • What is subclinical hyperthyroidism (SCH): cardiovascular and mortality risks, recommendations for screening flux treatment options.  
• Restless leg syndrome and its treatment based on the cause.  
• ONTARGET trial and its repercussions on primary care practice?  
• How strong is the association between multiple sclerosis and vitamin-D deficiency? |
| HARRISON, Sarah   | • What is the safest pharmacologic therapy sleep aide for the elderly?  
• Do redheaded people have more problems with post operative/postpartum hemorrhage?  
• Are topical non-steroidal anti-inflammatory drugs (NSAIDs) safer and/or as effective as oral NSAIDs? |
<table>
<thead>
<tr>
<th>Resident</th>
<th>BEAR Topics</th>
</tr>
</thead>
</table>
| HERMARY-RICE, Lisa  | • Who should be screened for prostate cancer using prostate serum antigen (PSA) testing?  
|                     | • What is the best treatment for chronic idiopathic insomnia?  
|                     | • What is the best treatment for chronic constipation?  
|                     | • How do you treat polymyalgia rheumatica in a patient with diabetes mellitus and hypertension?  
| HIRJI, Jamil         | • When should we use Aspirin® for the primary prevention of cardiovascular events?  
|                     | • Should we be screening our patients for abdominal aortic aneurysm (AAA) to decrease mortality?  
|                     | • Does pacifier use increase the risk of acute otitis media?  
|                     | • Should we be using probiotics for the treatment of irritable bowel syndrome?  
| HUANG, Anne          | • Is acupuncture an effective treatment for managing pain in patient’s arthritic (rheumatoid arthritis, osteoarthritis) pain?  
|                     | • Should I be treating an otherwise healthy, slim, 45 year old Indo-Canadian male, who has normal cholesterol levels with a statin?  
|                     | • Is breast self-examination in asymptomatic women a useful screening tool for detecting breast cancer?  
|                     | • Does use of oral contraceptives in premenopausal women increase the risk of osteoporosis or osteopenia?  
| HUSSAIN, Munawar     | • Is there any role of sildenafil citrate for serotonin reuptake inhibitor (SRIs) induced sexual dysfunction in females?  
|                     | • Role of spasmolytics in Irritable Bowel Syndrome.  
|                     | • Role of corticosteroids in the treatment of acute gout.  
|                     | • Role of selective serotonin reuptake inhibitors in premenstrual syndrome.  
| JANSCHITZ, Kristien  | • Does vitamin D decrease the risk of falls in the elderly?  
|                     | • Should sub-clinical hypothyroidism be treated with medication?  
|                     | • Are probiotics effective in the treatment of bacterial vaginosis?  
|                     | • Is there an effective pharmacological treatment for Bell’s Palsy?  
| JENSEN, Bryant       | • In patients with type 2 diabetes mellitus, what glycosylated hemoglobin (HbA1c) level will lead to improved outcomes?  
|                     | • In a person with pre-diabetes what is the best approach to reduce morbidity and mortality?  
|                     | • In patients who are overweight, when is it time to consider referral for bariatric surgery?  
| KAPUSTA, Michael     | • Can anything be done to prevent perineal tears in labour?  
|                     | • What is the best way to repair the perineum after a tear?  
|                     | • Does long-distance running cause osteoarthritis?  
|                     | • What is the best initial choice of antidepressant?
<table>
<thead>
<tr>
<th>Resident</th>
<th>BEAR Topics</th>
</tr>
</thead>
</table>
| KHAN, Ahmar     | • Should women with polycystic ovary syndrome (PCOS) who were taking metformin for infertility discontinue it during pregnancy?  
• In an infant with suspected teething, are there any symptoms or signs present in teething that would allow for the reassurance of parents without further management?  
• Are there studies showing a comparison of the various diet programs to show their efficacy at reducing weight in the obese and overweight person and showing maintenance of weight reduction in the long term?  
• In men or women who suffer from recurrent renal calculi consisting of calcium oxalate stones are diets low in oxalate of any benefit for preventing future episodes of renal colic? |
| KHURRAM, Sabahat| • Treatment of acute otitis media in children two years of age.  
• Role of diet in lowering cholesterol levels.  
• Whether to treat asymptomatic bacteriuria or not?  
• Use of selective-serotonin reuptake inhibitors or serotonin-norepinephrine reuptake inhibitors in the management of post menopausal hot flashes. |
| KOHLER, Anneliese| • Is tiotropium better than ipratropium in treating asymptomatic moderate chronic obstructive pulmonary disease (COPD)?  
• Which is the best atypical antipsychotic to prescribe in acute psychosis?  
• Is there evidence for screening testicular exams in normal risk male’s age 16-40 years?  
• Evidence for cannabinoide use in anxiety disorders. |
| KOPP, Justin    | • What effect do cranberry extract supplements have on lipid profiles and glycemic control?  
• What are the adverse affects of non-steroidal anti-inflammatory drugs (NSAIDs) on tendinopathy in athletes?  
• Are the majority of vaccination trials funded by pharmaceutical companies?  
• Are there long term effects on medical health from the formaldehyde component of vaccines? |
| KOZLOWSKA, Marta| • Medical management of renal calculi.  
• What treatments relieve symptoms in patients with irritable bowel syndrome?  
• Are there any therapies that prevent transformation of actinic keratosis to skin cancer? |
| KRAUSE, Chris   | • How long should a patient continue clopidogrel after coronary artery stenting with a drug-eluting stent?  
• How does continuous oral contraceptive use compare to the traditional 28 day cycle?  
• Do any studies address the use of statins for primary cardiovascular disease prevention in women?  
• What role does positive ventilation have in the treatment of acute cardiogenic pulmonary edema? |
Resident | BEAR Topics
--- | ---
KRICH, Natisha | • The effect of salt reduction on blood pressure measurement.
• The effect of increased dietary fibre in the prevention of colorectal adenomas and carcinomas.
• Screening for chlamydia.
• Does screening with digital rectal examination and prostate-specific antigen in men with average risk for prostate cancer reduce mortality?

KYCIA, Kate | • In patients with osteoarthritis, does taking oral glucosamine compared to placebo decrease patient pain and improve function?
• In women experiencing hot flashes related to menopause, does taking black cohosh compared to placebo decrease the frequency or severity of symptoms?
• In patients with diverticulosis does a diet high in seeds and nuts compared to a diet low in seeds and nuts increase the likelihood of recurrent diverticular bleeding or diverticulitis?
• In patients with an average risk of colon cancer how does computed tomography colonography compare to colonoscopy (gold standard) in terms of their sensitivity and specificity of detecting polyps and cancer?

LI, Xiao yu | • What is the optimal dosage of beta-blocker for patients with heart failure?
• If two courses of helicobacter pylori eradication fail, what should we tell the patient?
• What is the outcome of bilateral reduction for macromastia patients?
• How to manage urinary tract infections (UTI) in men?

LIU, CONRAD | • What is the evidence for vitamin D supplementation in patients with multiple sclerosis?
• When should you restart acetylsalicylic acid (ASA) after having a gastrointestinal bleed?
• What is the efficacy of topical non-steroidal anti-inflammatory drugs (NSAIDS) for the treatment of pain?
• What is the efficacy of varenicline vs bupropion/nicotine replacement/placebo in smoking cessation?

LOKE, Mei | • Is terbinafine effective and safe as a first line oral antifungal treatment for onychomycosis in the elderly?
• Is polyethylene glycol (PEG) effective as a first-line drug treatment for functional constipation in children?
• Are cranberry products effective for the prevention of recurrent urinary tract infections in adult women?
• Is venlafaxine effective for the treatment of menopausal symptoms in women?

LORDACHE, Claudiu | • What role does nasal saline play in therapy of acute or chronic sinusitis?
• How should depressed patients who are not responding to Paxil be further managed: increase dose addition of another medication, switched to other medication?
• What is the most efficient treatment for bloating/flatulence?
• What is the best treatment for a 65 year old with chronic back pain?
<table>
<thead>
<tr>
<th>Resident</th>
<th>BEAR Topics</th>
</tr>
</thead>
</table>
| LYONS, Michael   | • Viagra for female sexual arousal disorder?  
• Is serial beta human chorionic gonadotropin (β-hCG) measurement useful with clinical evidence of spontaneous abortion? What would be the expected quantities of serum β-hCG?  
• Should self monitoring of blood glucose be routinely used in type 2 diabetes mellitus?  
• What is the role for spironolactone in congestive heart failure? |
| MALHOTRA, Gaurav | • Do corticosteroids have a role in treating shoulder pain?  
• What are effective non-pharmacological treatments for lower back pain?  
• What is the best treatment option for ingrown toenails?  
• What is the role of Aspirin® in patients who are at low risk for cardiovascular disease? |
| MANNARINO, Marco  | • Are long acting beta agonists effective and safe for use in the treatment of asthma?  
• Is there a difference between the various bisphosphonates in their efficacy in preventing osteoporotic fragility fractures in post-menopausal women? Should one switch drugs if a patient experiences a fracture on one agent?  
• How much of a risk factor is diabetes for future cardiovascular events?  
• Should all patients with diastolic heart failure be treated with spironolactone regardless of clinical symptoms? |
| MENDIS, Calista   | • Does losing weight help to control blood pressure?  
• Do nasal decongestants relieve symptoms of the common cold?  
• How effective are proton pump inhibitors in preventing relapse of reflux esophagitis?  
• Does losing weight help control blood pressure? |
| McISAAC, Matt     | • Is there any value to corticosteroid injections in the subacromial space?  
• What is the role for nasal saline therapy in chronic sinusitis?  
• Is there any value in performing in-office clinical breast exam? |
| MINIC, Sanja      | • Is tacrolimus more effective than hydrocortisone cream in treatment of atopic dermatitis?  
• Is combined treatment with Aspirin® and clopidogrel more effective than each medication alone in prevention of secondary stroke?  
• Do inhaled corticosteroids affect adult height in asthmatic children?  
• Can symptoms of attention-deficit hyperactivity disorder be improved by supplement of essential free fatty acids?  
• Is cranberry juice effective in the treatment of recurrent urinary tract infections in older women? |
MISTRY, Aneeta

- Is the use of topical analgesics (such as lidocaine) useful in the pain relief of acute otitis media?
- What is the evidence for the use of virtual computed tomography (CT) colonography in colorectal cancer screening?
- Given the results from the ACCORD and ADVANCE trials, are there any changes in the guidelines for glycemic control targets in patients with longstanding type 2 diabetes?
- In patients who have a low risk of stroke and who have atrial fibrillation, how effective is Aspirin® therapy in stroke prevention?

MOHAMED MYDEEN, Mohamed Firdaus

- What is/are the advantages of long acting insulin’s (glargine, detemir) if any, compared to Humulin N insulin (NPH) as an insulin analogue for basal glycemic reduction in type 2 diabetes mellitus (DM)?
- How do I risk stratify patients aged over 75 with antithrombotic therapy for primary/secondary prevention for thromboembolic stroke?
- How does tiotropium (Spiriva®) affect chronic obstructive pulmonary disease (COPD) outcome?
- Does glucosamine and chondroitin treat the symptoms of osteoarthritis?

Mullin, Stephanie

- Spinal manipulation for low back pain.
- Seeing the light when you are sad.
- Have you heard of Januvia®?
- Finasteride treatment for hair loss in women.

NAKASHIMA, BRENDA

- What is the effect of anti-microbial prescribing on return visits?
- Are breast exams a life saving intervention?

NEUFELD, Christina

- What are the most effective pharmacological treatments for irritable bowel syndrome?
- What is the most effective diet for weight loss?
- What are the most effective pharmacologic agents to aid in smoking cessation?

OHANJANIAN, Edward

- Which medications are more appropriate for prevention of migraine attacks?
- What options are reasonable in the management of common warts?
- How should I manage acute cough in common cold?

PALMER, Jessica

- What is the efficiency for annual zoledronic acid for the treatment of osteoporosis in post menopausal women?
- What is the evidence for dextrose injections for achilles tendonitis?
- What is the safety and efficiency for photodynamic therapy for active keratoses?
- Is saline irrigation more effective than nasal spray for chronic nasal symptoms?
- Is vancomycin more effective that metronidazole for treatment of clostridium difficile acute diarrhea (CDAD) in adults?
Resident | BEAR Topics
--- | ---
SAIEED, Nabil | • What is the evidence behind the use of Champix® for smoking cessation?
• Can I prescribe oral hypoglycaemic agents during pregnancy?
• Is B-type natriuretic peptide (BNP) measurement cost-effective and beneficial in diagnosing patients with congestive heart failure if they present with dyspnea?
• Should we refer any patient with acute ST segment elevation myocardial infarction (STEMI) to primary percutaneous coronary intervention (PCI) versus fibrinolysis?

SALEM, Wesam | • Considering that oxytocin release is triggered by infant suckling, is it safe to breastfeed during pregnancy? Is the unborn fetus deprived of nutrients through breastfeeding?
• Since a current pneumothorax is an absolute contraindication to flying, how long after a pneumothorax should a patient wait before being deemed safe to fly?
• Are light/laser treatments effective in reversing or halting the rate of progression of androgenic alopecia?
• As caffeine can acutely raise blood pressure, how long after coffee consumption can blood pressure be accurately measured to avoid obtaining a false positive reading/diagnosis of hypertension? Is the “30 minute” rule taught to medical students arbitrary or evidence-based?

SAVAGE, Luke | • Is cyclobenzaprine (Flexeril®) safe and effective in the treatment of mechanical low back pain?
• When can a woman with an abnormal pap smear return to normal routine screening?
• When should patients be referred for cystoscopy for microscopic hematuria?
• Are pedometers effective in increasing physical activity resulting in weight loss?

SAYANI, Ali | • Is monthly vitamin D3 as effective as daily vitamin D3 in preventing osteoporosis progression and fractures in the elderly?
• Is mammography useful in identifying male breast cancer?
• Are probiotics useful in alleviating symptoms of irritable bowel syndrome (IBS)?
• Is an anti-cholinesterase inhibitor of any benefit in a patient with vascular (pure) dementia?

SETO, Gordon | • Are oral antibiotics beneficial as adjunct treatment for stage 2/stage 3 onychocryptosis requiring surgical management?
• What is the current evidence for the use of sildenafil in women suffering from sexual dysfunction?
• What are the adverse effects of proton pump inhibitor use in the out-patient population?
• What is the current evidence for use of metformin in the treatment of gestational diabetes mellitus?
<table>
<thead>
<tr>
<th>Resident</th>
<th>BEAR Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHAMSI, Mehrnoosh</td>
<td>- Paroxysmal atrial fibrillation management with radiofrequency ablation (RFA) or anti-arrhythmic medication and/or anti-coagulations.</td>
</tr>
<tr>
<td></td>
<td>- Acute otitis media management in children.</td>
</tr>
<tr>
<td></td>
<td>- Pioglitazone and increased cardiovascular risk in type 2 diabetes mellitus.</td>
</tr>
<tr>
<td>SOLTANI, Nazila</td>
<td>- Do topical non-steroidal anti-inflammatory drugs (NSAIDs) have fewer side effects than oral NSAIDs in treatment of musculoskeletal pain?</td>
</tr>
<tr>
<td></td>
<td>- Does weight loss have any effect on improving erectile dysfunction?</td>
</tr>
<tr>
<td></td>
<td>- Does calcium supplementation prevent pre-eclampsia?</td>
</tr>
<tr>
<td>STOJANOVIC, Mileva</td>
<td>- Recommendation for the treatment of erectile dysfunction in parkinson’s disease</td>
</tr>
<tr>
<td></td>
<td>- What is the efficiency of duct tape occlusion therapy for the treatment of common warts?</td>
</tr>
<tr>
<td></td>
<td>- What are the risks associated with oral contraceptive products (OLPs) in women over 40?</td>
</tr>
<tr>
<td></td>
<td>- Effects of iron therapy in children with iron deficiency anemia and effects on psychomotor development.</td>
</tr>
<tr>
<td>SULTANA, Samar</td>
<td>- Does eating breakfast help weight loss or weight maintenance?</td>
</tr>
<tr>
<td></td>
<td>- Efficacy of glucosamine sulphate in the treatment of osteoarthritis.</td>
</tr>
<tr>
<td></td>
<td>- Should pap smears be performed after hysterectomies?</td>
</tr>
<tr>
<td></td>
<td>- Is concomitant use of clopidogrel and proton-pump inhibitors associated with adverse outcomes?</td>
</tr>
<tr>
<td>TALWAR, Shalin</td>
<td>- Is microwave therapy an effective alternative to transurethral resection of prostate (TURP) for the treatment of benign prostatic hyperplasia (BPH)?</td>
</tr>
<tr>
<td></td>
<td>- What are current treatment modalities in patients with a diagnosis of Ménières Disease?</td>
</tr>
<tr>
<td></td>
<td>- Is there a difference in efficacy between the various proton pump inhibitor (PPI) available to treat gastroesophageal reflux disease?</td>
</tr>
<tr>
<td></td>
<td>- What is the recommendation for screening of prostate cancer?</td>
</tr>
<tr>
<td>TRAN, Anthony</td>
<td>- Do proton pump inhibitors increase chance of fractures?</td>
</tr>
<tr>
<td></td>
<td>- Do vasectomies increase prostate cancer risk?</td>
</tr>
<tr>
<td></td>
<td>- Do inhaled steroids increase your risk of cataracts?</td>
</tr>
<tr>
<td></td>
<td>- Are bio-identical hormones better than traditional hormone replacement therapy?</td>
</tr>
<tr>
<td>TSANG, Monica</td>
<td>- Does glucosamine improve symptoms in osteoarthritis?</td>
</tr>
<tr>
<td></td>
<td>- What is the recommended sodium dieting intake in patients with uncomplicated essential hypertension?</td>
</tr>
<tr>
<td></td>
<td>- Do enemas reduce infection in mother and child, reduce the length, and decrease soiling during labour?</td>
</tr>
<tr>
<td></td>
<td>- Is treatment of patellofemoral pain syndrome with quadricep exercises beneficial?</td>
</tr>
<tr>
<td>Resident</td>
<td>BEAR Topics</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>UNSWORTH, Declan</td>
<td>• What is the thromboembolic risk in post menopausal women on hormone replacement treatment (HRT)?&lt;br&gt;• Is a statin indicated in a patient with an elevated C-reactive protein who does not have hyperlipidemia?&lt;br&gt;• Is mechanical traction indicated for the management of cervical radicular pain?</td>
</tr>
<tr>
<td>UTIGARD, Dale</td>
<td>• Is the combo of a statin and fenofibrate safe?&lt;br&gt;• Is apolipoprotein b/a1 ratio a better predictor of adverse cardiovascular events than LDL or TC/HDL?&lt;br&gt;• What are the indications for surgery is lower back pain caused by a herniated lumbar disc?&lt;br&gt;• Does diet affect acne?</td>
</tr>
<tr>
<td>VENDITTI, Marcello</td>
<td>• Does breast self-examination decrease mortality from breast cancer?&lt;br&gt;• Duration of antibacterial treatment for uncomplicated urinary tract infection in women.&lt;br&gt;• Prostate-specific antigen (PSA) screening – “The bottom line”.</td>
</tr>
<tr>
<td>WIEBE, Dale</td>
<td>• What treatment strategy will most effectively reduce acute pain and postherpetic neuralgia in immune competent patients with shingles?&lt;br&gt;• What strategies exist for increasing highly active antiretroviral therapy (HARRT) adherence among patients on methadone maintenance therapy?&lt;br&gt;• Are serotonin type 4 receptor agonists safe and effective for use in patients with chronic constipation?</td>
</tr>
<tr>
<td>WONG, Brendan</td>
<td>• How to clinically manage varicella (chickenpox) and herpes zoster (shingles)?&lt;br&gt;• What is bacterial vaginosis and how do we treat it?&lt;br&gt;• How to wean people off benzodiazepines?&lt;br&gt;• What smoking cessation aides are best?</td>
</tr>
<tr>
<td>YATSCOFF, Michael</td>
<td>• Is intra-articular viscosupplementation effective in the treatment of osteoarthritis?&lt;br&gt;• Are glucosamine and chondroitin effective in the treatment of osteoarthritis?&lt;br&gt;• In people on long-term non-steroidal anti-inflammatory drug (NSAID) therapy, how can we best prevent gastroduodenal ulcers?&lt;br&gt;• Is riboflavin (vitamin B12) effective in migraine prophylaxis?</td>
</tr>
</tbody>
</table>
SUMMER STUDENT RESEARCH PROJECTS (2009)

Student: **KULKARNI, Ashwini** (*1st year BSc student, UofA*)
Supervisor: Nicola Shaw
Project Title: Providers’ Experiences of Continuity of Information for Children with Chronic Disease
Funded by: Social Sciences and Humanities Research Council Grant

Student: **COOPER, Tim** (*medical student, UofA*)
Supervisor: Jasneet Parmar, Alexandra Marin, Bonnie Dobbs
Project Title: Westview PCN - Westview Geriatric Assessment Team Project
Funded by: STEP Student - Alberta Health Services

Student: **CURIAL, Marc** (*medical student, UofA*)
Supervisor: Clifford Cardinal
Project Title: Lung Health Study
Funded by: Department of Family Medicine Research Program

Student: **Du PLESSIS, Jean** (*medical student, UofA*)
Supervisor: Alexandra Marin and Bonnie Dobbs
Project Title: A Multidisciplinary Approach to Assessment and Management of Dementia
Funded by: STEP Student & Henry Anton Deutsch Medical Summer Research Award

Student: **HEGAN, Katie** (*medical student, UofA*)
Supervisor: Michael Allan
Project Title: Toward Optimized Practice Clinical Practice Guidelines
Funded by: Alberta Medical Association (Toward Optimized Practice)

Student: **HANSRAJ, Priyanka** (*medical student, UofT*)
Supervisor: Donna Manca
Project Title: Determination of Body Composition Changes in Pregnancy
Funded by: Alberta Heritage Foundation for Medical Research Summer Studentship

Student: **LEE, Andrew** (*nursing student, UofA*)
Supervisor: Nicola Shaw
Project Title: Stakeholder Survey of Asthma Care in Alberta
Funded by: Alberta Health Services Special Purpose Grant

Student: **PUI, Odell** (*medical student, UofA*)
Supervisor: Marjan Abbasi, Sheny Khera and Bonnie Dobbs
Project Title: Geriatric Assessment Outcomes
Funded by: STEP Student, Covenant Health
<table>
<thead>
<tr>
<th>Student Name</th>
<th>Project Title</th>
<th>Supervisor</th>
<th>Funded by</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROCCHIO, Alexandra</td>
<td>Driving Cessation Support Groups – Community Implementation</td>
<td>Bonnie Dobbs</td>
<td>Dr. M.E. Ledingham Memorial Summer Research Award</td>
</tr>
<tr>
<td>RYLANCE, Kristen</td>
<td>Do Changes in Health Service Delivery Affect Rural Physician Numbers?</td>
<td>Jill Konkin</td>
<td>Dr. M.E. Ledingham Memorial Summer Research Award</td>
</tr>
<tr>
<td>SAMYCIA, Michael</td>
<td>Does a Postgraduate EBM Curriculum Help Family Doctors Answer Their Clinical Questions?</td>
<td>Christina Korownyk</td>
<td>Dr. M.E. Ledingham Memorial Summer Research Award &amp; Department of Family Medicine</td>
</tr>
<tr>
<td>SHI, Yifei</td>
<td>Assessment of Dietary Intake Prior to Pregnancy Using a New Food Frequency Questionnaire</td>
<td>Donna Manca</td>
<td>David and Beatrice Reidford Research Scholarship &amp; Alberta Pregnancy Outcomes and Nutrition Study</td>
</tr>
<tr>
<td>PARAMESWARAN, Sasha</td>
<td>FPAQC COPD Management Plan Evaluation Study</td>
<td>Andrew Cave</td>
<td>Family Physician Airways Group of Canada COPD Management Plan Evaluation Study</td>
</tr>
<tr>
<td>YIP, Steven</td>
<td>Preceptor Experiences with Competency-Based Assessment</td>
<td>Shelley Ross</td>
<td>Faculty of Medicine and Dentistry CME – Summer Studentship in Medical Education Award</td>
</tr>
<tr>
<td>YAU, Johnathan</td>
<td>Medically At-Risk Driver Protocol: Assessing Changes in Knowledge and Practice for Family Physicians in the Primary Care Setting</td>
<td>Bonnie Dobbs</td>
<td>Faculty of Medicine and Dentistry CME – Summer Studentship in Medical Education Award</td>
</tr>
<tr>
<td>WILSON, Mitchell</td>
<td>Randomized, Double-Blind, Placebo-Controlled Trial of Oral Docusate for Preventing/Treating Constipation in Palliative Care Patients</td>
<td>Richard Spooner &amp; Olga Szafran</td>
<td>Health Quality Council of Alberta</td>
</tr>
</tbody>
</table>
GRADUATE STUDENT RESEARCH ASSISTANTS (2009)

Student: AL-SAYAH, Fatima
Supervisor: Olga Szafran & Neil Bell
Project Title: Improving the Care of Diabetic Patients: A Randomized Trial of a Family Physician Office-Based Chronic Disease Care Model for Patients with Type 2 Diabetes

Student: GEORGIS, Rebecca
Supervisor: Shelley Ross
Project Title: Competency-Based Assessment System (CBAS) Project

Student: LIGHTBODY, Teresa
Supervisor: Donna Manca
Project Title: Early Intervention Arthritis Study and the Impact of Maternal Nutrient Status During Pregnancy on Maternal and Child Mental Health (APrON Study)

Student: MASSE, Jeffrey
Supervisor: Andrew Cave
Project Title: Breaking Bad News

Student: SUTHERLAND, Lindsay
Supervisor: Donna Manca
Project Title: Early Intervention Arthritis Study
ACKNOWLEDGEMENTS

We are grateful to the following funding agencies and organizations for supporting our research during 2009.

Alberta Cancer Board
Alberta Health Services
Alberta Heritage Foundation for Medical Research (AHFMR)
Alberta Innovates – Health Solutions (AI-HS)
Alberta International Medical Graduate Program
Alberta Lung Association
Alberta Medical Association.
Alberta Mental Health Research Fund
Alberta Motor Association (AMA) Foundation for Traffic Safety
Alberta Rural Physician Action Plan (RPAP)
Alberta Traffic Safety Fund
Boehringer Ingelheim
British Columbia Automobile Association Traffic Safety Foundation
British Columbia Office of the Superintendent of Motor Vehicles
C17 Research Network
Canadian Arthritis Network
Canadian Partnership Against Cancer (CPAC)
Canadian Arthritis Research Program
Canadian Institutes of Health Research (CIHR)
Capital Health
Caritas Health Group (Research Fund)
College of Family Physicians of Canada
CV Technologies
Department of Family Medicine Research Fund
Dr. Scott H. Mcleod Family Medicine Memorial Fund
Elan
Faculty of Agricultural, Life and Environmental Sciences - Food and Health Initiative
Faculty of Medicine and Dentistry, University of Alberta
Family Physicians Airways Group of Canada
Good Samaritan Society
Insurance Bureau of Canada
Killam Research Grant
Lundbeck Pharmaceuticals
Medical Council of Canada
Merck Frosst
National Cancer Institute of Canada
Novartis
Nycomed Canada
Parkinson’s Society of Alberta
Pfizer Canada
Public Health Agency of Canada
Ortho-Janssen
Royal Alexandra Hospital Foundation
Rural Physician Action Plan
Sanofi-Aventis Canada Inc
Social Sciences and Humanities Research Council of Canada
Talecris
Women and Children’s Health Research Institute