2011 was a watershed year for the Department of Family Medicine. On the education front, we went through a very encouraging accreditation process, receiving the category of Full Approval from the College of Family Physicians of Canada. As for research, we made a quantum leap by obtaining long-term funding through the Campus Alberta Innovates Program, which will anchor us for many years as we set about organizing a province-wide Practice-Based Research Network (PBRN) under the guidance of Dr. Lee Green.

We were fortunate to fill our Endowed Chair in Primary Care Research with the recruitment of Dr. Neil Drummond. Our next recruitments will be for clinician researchers, as well as to an Endowed Chair in Health Informatics.

While the PBRN will help us keep our ear to the ground in the areas of clinical and health services research, we will continue to build strength in research in medical education. In this report, you will see reference to our first major paper on the Competency-Based Achievement System (CBAS), and a number more are in the pipeline for 2012. CBAS has now been picked up by a number of Canadian departments of family medicine, as well as some in the United States. This is a remarkable spinoff for our education researchers.

Elsewhere in this year’s report you will see citations for our Tools for Practice series, which is one of the most popular knowledge translation initiatives underway in Canada. Tools for Practice is released online by the Alberta College of Family Physicians, and is seen in print on a monthly basis in Canadian Family Physician.

While we all take great pride in the Department’s research productivity, we also know that it would have not been possible without the cornucopia of support that we receive. In particular, we are indebted to Alberta Health, and Alberta Health Services, both of whom are our partners on many different levels, but most especially with our AARP. The Alberta Medical Association continues its unstinting support of primary care in Alberta. The Alberta College of Family Physicians has never let us down, nor has the College of Physicians and Surgeons of Alberta, who are now partnering with us as CBAS goes into the practice community. Finally, the Section of Researchers of the College of Family Physicians of Canada and the North American Primary Care Research Group provide a collegial home for all our researchers. To all of you, our deepest thanks.

G. Richard Spooner, MD, CCFP, FCFP
Professor and Chair

MESSAGE FROM THE DEPARTMENT CHAIR

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INTRODUCTION BY THE RESEARCH DIRECTOR

It was through the Department of Family Medicine’s Academic Alternative Relationships Plan (AARP) that we were able to adopt and implement new concepts, innovations and technology aimed to improve academic family medicine. This in turn improves the practice of medicine through translation, exchange and implementation of the knowledge and innovations developed within our Department. Dr. G. Richard Spooner, through his chairmanship, shepherded in our AARP, which in turn enabled our academic members to develop better ideas and ways of doing things at a clinical, educational and research level. Dr. Spooner has left a legacy that will continue on.

This has been a busy year for our researchers. We have obtained eleven peer-reviewed grants and eight non-peer reviewed grants. In addition, 47 non-funded and 52 grant-funded projects were ongoing. There have been 57 publications in peer-reviewed journals, and numerous presentations. In this report, you can read about the meaningful contributions to research that we have made on health services, medical education, evidence-based medicine, care of the elderly and disadvantaged populations in primary care.

Discussions are underway to develop a provincial-wide primary care research network. This network may be linked with the two provincial primary care networks that are presently contributing data to the Canadian Primary Care Sentinel Surveillance Network (CPCSSN, see http://www.cpcssn.ca/cpcssn/home-e.asp). The CPCSSN collaborates with 10 PBRNs across Canada collecting anonymized data from electronic medical records (EMRs) at regular intervals to develop a national longitudinal database for primary care surveillance and research. The CPCSSN integrates data from 10 different EMR systems and focuses on 8 chronic diseases: COPD, depression, diabetes, hypertension, osteoarthritis, epilepsy, dementia and Parkinson’s. The CPCSSN project provides a resource for researchers, clinicians and policy makers to collaborate on local, regional and national projects.

With the pending epidemic of chronic disease, our researchers are actively exploring how to best approach chronic disease management, prevention and screening in the primary care setting, including how to improve care provided to disadvantaged populations. You can read about the numerous projects on chronic disease management, prevention and screening, including: chronic lung disease, cardiovascular disease, diabetes, dementia, cancer, mental illness, multi-morbidity and the good work being done on disadvantaged populations and access to care.

Our medical education research includes numerous projects such as: career choice, rural practice, narrative reflection, critical thinking, addiction knowledge and attitudes, including surveys of family medicine graduates, to name a few. Under the lead of our medical education researcher, we have developed and are evaluating an innovative competency-based assessment framework.

Our resident research curriculum prepares our residents to become lifelong learners and critical thinkers. Each resident is required to complete two practice audits (PQI - practice quality improvement project), one each year of residency. In this report you can peruse the range of PQI topics from our second year residents.

Our research centres include the Medically At-Risk Drivers (MARD) Centre and the Centre for the Cross-Cultural Study of Health and Healing (CCSSH). MARD continues to seek solutions to address the ever-increasing problem of medically at risk drivers. The CCSHH is exploring the cultural issues in healthcare and diversity training.

We hope you enjoy reading our annual report!

Donna Manca, MD, MCISc, CCFP, FCFP
Associate Professor/Director of Research
RESEARCH COMMITTEE

Research Committee Members
- Donna Manca, Committee Chair/Research Director
- Olga Szafran, Associate Director (Research)
- Rick Spooner, Department Chair
- Bonnie Dobbs, Research Director, Division of Care of the Elderly
- Andrew Cave, Research Faculty/UAH Rep
- David Moores, Research Faculty/RAH Rep
- Sheny Khera, MIS Rep
- Ginetta Salvalaggio, GNFM Rep
- Michael Allen, NECHC Rep
- Jean Triscott, Director, Division of Care of the Elderly
- Shelley Ross, Medical Education Researcher
- Kimberley Duerksen, Family Medicine Research Coordinator

Associate Members
- Earle Waugh, Director, Centre for the Cross-Cultural Study of Health & Healing
- Rhianne McKay, Research Coordinator, Division of Care of the Elderly

Research Administrative Staff
- Shufen Edmondstone
- Peggy Lewis

Resident Research Representatives 2010/2011
- Daisy Hartmann-Fung
- William Han
- Mustafa Muhammad
- Nadder Sharif

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.
The Department of Family Medicine received Residency Program Accreditation (full approval) for the Family Medicine Program, and third year Enhanced Skills Programs, (Emergency Medicine, Care of the Elderly, Palliative Care and Sports Medicine) and Anesthesia was granted new program status.
AWARDS and ACCOLADES (Received During 2011)

FACULTY/PRECEPTORS

- **Dr. Mike Allan** received the *David Cook Award for Curriculum Innovation*. This award recognizes a faculty member or group who has successfully planned and implemented a significant curricular innovation - the Family Medicine Residency Evidence-Based Medicine Curriculum - that has been disseminated, emulated or replicated elsewhere.

- **Dr. Michel Donoff** was awarded the *E.N. Skakun Award for Service to Education*. This award recognizes the achievements of an individual who has made a major and long-term contribution to educational leadership and scholarship in the Faculty of Medicine & Dentistry.

- **Dr. Michael Kolber** completed a Master of Science degree in November 2011, from the School of Public Health, University of Alberta.

- **Dr. Donna Manca** received the *Recognition of Excellence Award* from the Alberta College of Family Physicians. Dr. Manca was recognized for being a tireless advocate for the advancement of primary care research, establishing a national and international reputation for the ACFP Alberta Family Practice Research Network and her own research projects.

- **Dr. Shelley Ross** received the *Recognition of Excellence Award* from the Alberta College of Family Physicians. Dr. Ross was recognized for her scholarly approach to the design, implementation and evaluation of educational innovations that is beginning to have a national and international impact.

- **Dr. G. Richard Spooner** was bestowed the honour of *Physician Innovator of the Year 2011*, awarded by the Edmonton Zone Medical Staff Association.

- **Dr. Amy Tan** completed a Master of Science degree in December 2011, from Cardiff University, United Kingdom.

- **Dr. Earle Waugh** received the *2011 YMCA Peace Medallion* by the YMCA of Edmonton, in recognition of outstanding contributions as a Peacemaker.

- The Reviewers Choice Award, AFPRN Poster Presentation, at the 2011 Annual Scientific Assembly of the Alberta College of Family Physicians was awarded, for the study “Trends in Maternity Care Provided by Family Medicine Graduates in Alberta 1985-2005”. **Olga Szafran**, Rod Crutcher, Wayne Woloschuk.

RESIDENTS

- **Dr. Magali Benard** (PGY1) was the recipient of the *Misericordia Medical Education Award from the Department of Internal Medicine*, recognizing her outstanding abilities in medical expertise, professionalism, communication and leadership.

- **Dr. Jessica Breton** (PGY2) received the *Misericordia Medical Education Award from the Department of Obstetrics/Gynecology*, recognizing her outstanding abilities in medical expertise, professionalism, communication and leadership.

- **Dr. Janjeevan Deol** (PGY2) was awarded the *Department of Family Medicine Leadership Award*, recognizing leadership skills, mentorship ability, dedication to family medicine, and active involvement and contribution to the evolution and improvement of the residency training program.

- **Dr. Navdeep Dhaliwal** (PGY2) was the recipient of 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 Obstetrics and Gynecology.
AWARDS and ACCOLADES (Received During 2011)

RESIDENTS cont.

- Dr. Andrew Eddy (PGY2) received the Alberta Jenkinson & Stephen Buhl Award for Family Medicine, which is awarded annually to a resident who demonstrates qualities of leadership and collegiality and contributes to the well-being of other residents.

- Dr. Jessica Kirkwood (PGY2) was awarded the Department of Family Medicine Peer Award, recognizing her contribution to resident well-being, dedication to helping others, reliability, professional behaviour and collegiality.

- Dr. Martin Moran (PGY3 COE) received the 2011 CFPC Family Medicine Research Award for Scholarship for the research project “The reliability and validity of the Edmonton Symptom Assessment System for use with a population of elderly hospitalized patients,” under the supervision of Dr. Bonnie Dobbs.

- Dr. Donna Morrow (PGY2) was the recipient of the Misericordia Medical Education Award for the Department of Geriatrics, recognizing her outstanding abilities in medical expertise, professionalism, communication and leadership.

- Dr. Kristina O’Brien (PGY1) received 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 Obstetrics and Gynecology.

- Dr. Andrea Rahn (PGY2 Rural) received a Recognition of Excellence Award from the Alberta College of Family Physicians for community engagement and excellence in clinical service. She was also awarded the Lionel A. Ramsey (Rural Resident) Award.

- Dr. Nadder Sharif (PGY2) was awarded the 2011 Department of Family Medicine Research & Scholarship Award for the project “Use of acetylsalicylic acid for cardiovascular disease prevention by family practice patients,” supervised by Dr. Michael Kolber and Ms. Olga Szafrań.

- Dr. David Sun (PGY2) was the recipient of 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 Obstetrics and Gynecology.

- Dr. Robert Warren (PGY2) was the University of Alberta recipient of the 2011 College of Family Physicians of Canada Resident Leadership Award.

- Dr. Brian Yong (PGY1) received the Misericordia Medical Education Award from the Department of Family Medicine, recognizing his outstanding abilities in medical expertise, professionalism, communication and leadership.

MEDICAL STUDENTS

- Harbir Gill (Class of 2011 medical student) and Scott McLeod (Class of 2012 medical student) were the University of Alberta recipients of the 2011 NAPCRG Student Family Medicine Primary Care Research Award. Their joint project was on factors influencing medical students' career choice of family medicine and rural practice location.

- Harbir Gill (Class of 2011 medical student) was the University of Alberta recipient of a 2011 CFPC Medical Student Leadership Award.

- Samantha Stasiuk (Class of 2012 medical student) was the University of Alberta recipient of a 2011 CFPC Medical Student Scholarship.
2011 GRANTS RECEIVED (Peer-Reviewed)


- Braam B, Allan GM, Campbell NR, Hayward RS, Lewanczuk RZ. Improving Patient and Care Provider Alignment in Cardiovascular Disease Management by an Electronic Medical Dashboard Approach. Canadian Institutes of Health Research, $10,000. (2011-2012)


2011 GRANTS RECEIVED (Non-Peer-Reviewed)


- Parmar J, Dobbs B, Marin A. Improving the Diagnosis and Management of Dementia in Primary Care – An Innovative, Collaborative Approach in the Westview Primary Care Network Phase III. Pfizer Pharmaceuticals Canada, $5,000. (2011-2012)


NON-FUNDED PROJECTS

- Allan GM, Korownyk C, Kolber MR, Spitzmacher J, Vandeemer B, Kapusta M. Keeping Up-to-Date in Primary Care: Which Resources are Best?

- Banh HL, Sadowski C, Danis P, Vethanayagam D, 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.

- Campbell-Scherer D, Fielding S. Trial Implementation of the Primary Care Assessment Tool (PCAT) in a Primary Care Network.

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

- Campbell-Scherer D, Ross S, Schipper S. Effectiveness of Academic Benchmarking Examinations.

- Campbell-Scherer D, Triscott J, Hagtvedt R. Spectrum of Multimorbidity in Geriatric Patients.
NON-FUNDED PROJECTS cont.

- **Cave AJ.** Effect of Facilitating Third Year Clerkship Groups Using Parallel Charts for Narrative Reflective Practice.
- **Cave AJ, Cave MT, Tan A, Clandinin DJ, Levy M.** The Experience of Physician’s Facilitation of Narrative Reflective Practice Groups in a Family Medicine Clerkship.
- **Charles L.** Care of the Elderly Graduates Survey.
- **Emery C, Lebrun C.** Evaluation of a Neurocognitive Tool in Youth and Ice-Hockey Players Before and After Sport-Related Concussion.
- **Fung D, Schabort I, Khory A, Asrar F, MacLean C, Vandeermer B, Allan GM.** Periodic Health Examination Screening Habits of Residents.
- **Janke F, Ross S.** Exploring the Implications of Social Networking Sites on Professionalism.
- **Janke F.** Developing a Therapeutics Curriculum in a Residency Program.
- **Janke F.** Do Mandatory Rural Rotations Work?
- **Janke F.** Ten Years of Rural Alberta North: Lessons Learned and Goals to Strive For.
- **Kolber M, Naddir S, Szafran O, Marceau R.** Use of Acetylsalicyclic Acid for Cardiovascular Disease Prevention by Family Practice Patients.
- **Konkin J, Auvigne S.** Preclinical Networked Medical Education Qualitative Student Study.
- **Konkin J, Auvigne S.** Preclinical Networked Medical Education Student Survey.
- **Konkin J, Suddards C.** Integrated Community Clerkship Program Evaluation: Year 3 Student Survey.
- **Konkin J, Suddards C.** Qualitative Study Rural Integrated Community Clerkship Year 3 Students.
- **Konkin J, Suddards C.** A Qualitative Study of Integrated Community Clerkship Students at the End of Fourth Year.
- **Koppula S, Salvalaggio G, Ross S.** Intra- and Inter- Observer Variation in Symphysis Fundal Height Measurements Among First-Year Family Medicine Residents.
- **Lebrun C, Esfandiarpour F.** Knee Joint Stability Assessment in Subjects with ACL-Deficiency.
- **Levy M, Ross S.** The Experience of Junior Family Medicine Faculty: Does Mentoring Play a Role?
- **Voruganti T, Grunfeld E, O’Brien MA, Manca D.** Family Physician’s Perspectives on Computer-Based Health Risk Assessment Tools for Chronic Diseases.
- **Manca D.** Physician Relationships and their Impact on Students in the Academic Teaching Environment.
- Brett-Maclean P, Cave MT, Bodner M. Exploring Preceptor and Student Responses to "Drs Diaries" as Part of a Narrative Reflective Practice Module.
- **Cave AJ**, Clandinin DJ, Cave MT. Narrative Inquiry in the Health Sciences Literature.
- **Moores D.** Engaging Primary Care Patients and Families Through Social Media.
- Parmar J. Brett-Maclean P, Cave MT. Narrative Reflective Practice in a Patient-Centered Course: Using Film to Introduce Narrative Reflection to First Year Medical Students.
- **Ross S, Schipper S.** CaRMS Study: Factors Influencing Medical Student Decisions About Discipline and Location for Residency.
- **Salvalaggio G, Steblicki L, Ross S.** Aiming for Change: An Educational Initiative to Improve Medical Student Knowledge, Skills, and Attitudes About Addiction.
- Stasiuk S, Sklar C, Ali T, Konkin J. Whitecourt Youth Clinic Pilot Project.
- **Tan A, Cave MT, Levy M, Ross S.** Participating in a Narrative Reflective Practice Activity During the Year 3 Family Medicine 2009-2010 Clerkship: The Student Experience and Thematic Secondary Analysis.
- **Tan A, Cave MT, Ross S.** Participating in a New Narrative Reflective Practice Curriculum in the 2011-2012 Year 3 Family Medicine Clerkship: Student and Facilitator Experiences, Thematic Analysis and Comparison to Previous Curriculum.
- **Tan A, Ross S, Duerksen K.** The Educational Experience and Outcomes of Implementing a Palliative Care Online Virtual Patient Case into a Third Year Family Medicine Clerkship Rotation Curriculum.
- **Triscott J, Dobbs B, McKay R, Green C.** Prevalence, Type and Treatment of Anemia on Geriatric Assessment and Management Units.
OTHER ONGOING RESEARCH PROJECTS


- Allan GM, Korowynk C. Evidence Summary and Dissemination in Primary Care. Alberta College of Family Physicians, $120,000. (2010-2012)

- Balyk R, Lebrun C. All-Arthroscopic or Mini-Open Repair of a Rotator Cuff Tear. Canadian Institutes of Health Research, $52,500. (2008-2013)


- 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, $35,000. (2006-2011)

- 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, $149,700. (2009-2012)


• Drummond N, Peng J, Triscott J. Dementia Services and Health Outcomes – CIHR Banff Collaboration Cohort Study. Alberta Heritage Foundation for Medical Research, $150,000. (2008-2011)


• Juby A, Peng J. A Long-Term Follow-up Study of Oral ELND005 (AZD-103) in Subject’s with Alzheimer’s. Elan [Clinical Trial], $907. (2008-2011)


• Parmar J, Dobbs B, 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, $15,000. (2009-2011)

• Parmar J, Dobbs B, Marin A. Improving the Diagnosis and Management of Dementia in Primary Care – An Innovative, Collaborative Approach in the Westview Primary Care Network. Pfizer Pharmaceuticals Canada, $5,000. (2010-2011)

• 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. Pfizer Pharmaceuticals Canada, $10,000. (2010-2011)


OTHER ONGOING RESEARCH PROJECTS cont.

- Triscott J, Peng J, Lechelt K. Genetic Markers of Cognitive Health in Older Adults. Alberta Health Services, $300,000. (2010-2013)

PUBLICATIONS (Peer-Reviewed)

• Allan GM, Korownyk C, Ivers N. Papanicolaou tests: Does lubricant reduce the quality or adequacy? Canadian Family Physician 2011; 57(3): 309.


• Allan GM, Korownyk C, Kolber MR. Rate versus rhythm in atrial fibrillation: And how slow do you go? Canadian Family Physician 2011; 57(12): 1411.


• Charrois TL, McAlister FA, Cooney D, Lewancuk R, Kolber MR, Campbell NR, Rosenthal M, Houle SK, Tsuyuki RT. Improving hypertension management through pharmacist prescribing; the rural Alberta clinical trial in optimizing hypertension (Rural RxACTION): Trial design and methods. Implementation Science 2011; 6:94.


• Donoff M, Humphries P, Nichols D, Ross S. Making competencies make sense: Reconciling the varied ways of viewing competency with the day-to-day task of assessing what residents are doing in the workplace. Medical Education 2011; 45(Supplement 1): 33. [abstract]


• Forgie S, Walton J, Ross S. Laptops in lectures: How engaged are connected students? Medical Education 2011; 45(Supplement 1): 33. [abstract]


• Klein D, Staples J. Can electronic clinical practice audits be used on an individual level to improve patient outcomes? *Irish Journal of Medical Science* 2011; 180: s227. [abstract]


• Konkin J, Suddards C. Creating stories to live by: Caring and professional identity formation in a longitudinal integrated clerkship. *Advances in Health Sciences Education* Nov 2011: http://www.springerlink.com/content/4w35151k51780t81/.


• Korownyk C, Ivers N, Allan GM. Does calcium supplementation increase risk of myocardial infarction? *Canadian Family Physician* 2011; 57(7): 798.


PUBLICATIONS (Peer-Reviewed) cont.


PUBLICATIONS (Peer-Reviewed) cont.


PUBLICATIONS/REPORTS (Non Peer-Reviewed)


The following Tools for Practice Publications by the Alberta College of Family Physicians can be accessed at http://www.acfp.ca/WhatWeDo/ToolsforPractice.aspx


- Korownyk C, Kolber M. Is colchicines an effective alternative to NSAIDs for the treatment of acute gout? Alberta College of Family Physicians. November 29, 2011. [Internet Publication]

- **Korownyk C, Allan GM.** Roflumilast – COPD relief at last? Alberta College of Family Physicians. October 31, 2011. [Internet Publication]

- **Korownyk C, Allan GM.** Overactive bladder, urge incontinence and anticholinergic drugs. Alberta College of Family Physicians. October 17, 2011. [Internet Publication]

- Ivers N, Arroll B, **Allan GM.** Advantages and limitations of ‘delayed prescriptions’ of antibiotics for upper respiratory tract infection (URT). Alberta College of Family Physicians. October 3, 2011. [Internet Publication]

- Kapusta MJ, **Allan GM.** Are antihypertensive medications effective for migraine prophylaxis? Alberta College of Family Physicians. September 19, 2011. [Internet Publication]

- **Allan GM, Levy M.** Antidepressants for preventing headaches: Which work and how well? Alberta College of Family Physicians. September 6, 2011. [Internet Publication]


- **Allan GM, Wilson E.** Can ondansetron help children vomiting due to gastroenteritis? Alberta College of Family Physicians. July 18, 2011. [Internet Publication]

- **Korownyk C, Allan GM.** Steroid injections, lateral epicondylitis (tennis elbow) – What is the evidence? Alberta College of Family Physicians. June 27, 2011. [Internet Publication]

- **Kolber M, Wong C.** Acetylsalicylic acid (ASA) to prevent colorectal cancer? Alberta College of Family Physicians. May 11, 2011. [Internet Publication]

- **Allan GM, Sharma A.** Is any diet better for weight loss or preventing negative health outcomes? Alberta College of Family Physicians. April 18, 2011. [Internet Publication]

- **Allan GM, Levy M, Kolber M.** Polyethylene glycol (PEG) for pediatric and adult chronic constipation. Alberta College of Family Physicians. April 4, 2011. [Internet Publication]

- **Korownyk C, Allan GM.** Screening for osteoporosis – Who should receive bone mineral density testing? Alberta College of Family Physicians. March 21, 2011. [Internet Publication]


- **Korownyk C, Allan GM.** Does calcium supplementation increase the risk of MI? Alberta College of Family Physicians. February 7, 2011. [Internet Publication]

- **Allan GM, Turner R.** Topical NSAIDs: Do they top placebo or oral NSAIDs? Alberta College of Family Physicians. January 24, 2011. [Internet Publication]


BOOKS & BOOK CHAPTERS


MONOGRAPHS, MANUALS & TECHNICAL REPORTS


**OTHER MEDIA/PUBLICATIONS**


**PRESENTATIONS**

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.*


PRESENTATIONS cont.

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


• CARDINAL C. Who were the nurses in Aboriginal communities? Indigenous Nurses Association of Canada Conference. [oral presentation] Edmonton, Alberta. April 6, 2011.


• CARDINAL C. From the eyes of the traditional healer, what we do with this health concern in terms of treating the virus. [oral presentation] All Nations Health Reform Conference. Regina, Saskatchewan. December 1, 2011.


PRESENTATIONS cont.

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


- **D’Urso A**, Jugovic P, **Cave AJ**. Community-based research in family medicine: Why the need has never been greater. [oral presentation] 56th Annual Scientific Assembly of the Alberta College of Family Physicians. Banff, Alberta. February 24-26, 2011.


PRESENTATIONS cont.

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

- **DOBBS BM.** Should dad still be driving? The challenge assessing fitness to drive in the office.  [*oral presentation*] Geriatric Symposium. Calgary, Alberta. October 1, 2011.
- **DOBBS BM.** Theoretically-based driving cessation support groups for individuals with dementia and for their family members.  [*oral presentation*] Aging in America Conference of the American Society on Aging. San Francisco, California. April 27-28, 2011.
- **DOBBS BM.** WestView collaborative model of dementia care.  [*oral presentation*] Scientific Exchange Forum on Alzheimer’s Disease in Primary Care. Montreal, Quebec. June 18, 2011.
- **Donoff M, Humphries P, Nichols D, ROSS S.** Making competencies make sense: Reconciling the varied ways of viewing competency with the day-to-day task of assessing what residents are doing in the workplace.  [*oral presentation*] Canadian Conference on Medical Education (CCME). Toronto, Ontario. May 8-10, 2011.


PRESENTATIONS cont.

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


- **KLEIN D, Staples J.** Can electronic clinical practice audits be used to produce performance improvement through effective continuing medical education programming? 1) [*poster presentation*] 16th Annual Global Alliance for Medical Education (GAME) Meeting. Munich, Germany. June 5-7, 2011. 2) [*oral presentation*] Association for Medical Education in Europe (AMEE) Conference. Vienna, Austria. August 29-31, 2011.

- **KLEIN D.** Come and test your knowledge: Critical concepts from the continuing medical education literature. [*workshop*] Association for Medical Education in Europe (AMEE) Conference. Vienna, Austria. August 29-31, 2011.


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


- **LEBRUN CM.** Diagnosing energy deficiency or low energy availability in the female athlete. [*oral presentation*] International Olympic Committee World Conference on Prevention of Injury and Illness in Sport. Monte-Carlo, Monaco. April 7-9, 2011.

- **LEBRUN CM.** Medical services during the Olympic winter games. [*oral presentation*] 5th Annual Sanford Sports Medicine Symposium. Sioux Falls, South Dakota. May 6-7, 2011.


PRESENTATIONS cont.

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


• **MOORES DG**, Donoff M, Chiodo M, Kolotyluk T. Efficiencies and inefficiencies in family practice: Learning from each other. *[workshop]* 17th WONCA Europe Conference. Warsaw, Poland. September 8-11, 2011.

• **NEWMAN E**, Dobbs BM. Empowering caregivers of patients with dementia whose driving privileges have been revoked. *[poster presentation]* Research on Aging: Nibble, Nosh, and Network. Edmonton, Alberta. February 11, 2011.


PRESENTATIONS cont.

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


PRESENTATIONS cont.

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


- **SCHIPPER S.** Integrated palliative care for the family medicine resident. [*poster presentation*] Canadian Hospice Palliative Care Conference. St. John’s, Newfoundland. September 8-11, 2011.


- Shaw NT, ACETI V, **Campbell-Scherer DL**, Leyland M, **Mozgala V**, Patterson L, Sunley S, **Manca D**, Grunfeld E. Interdisciplinary communication through electronic medical records in primary care prevention, screening, and management of chronic disease. [*poster presentation*] Information Technology and Communications in Health Care (ITCH). Victoria, B.C. February 24, 2011.


- **SPOONER GR, ROSS S.** Creating an educational research culture in a Department of Family Medicine. [*oral presentation*] Family Medicine Forum, College of Family Physicians of Canada. Montreal, Quebec. November 2-5, 2011.


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** | **Presentations**
--- | ---
March 24, 2011 | Randomized Trial of Docusate in the Treatment of Constipation in Palliative Care Patients – Dr. Yoko Tarumi
May 26, 2011 | Experiences of Family Physicians and Residents in Obstetrics – Dr. Sudha Koppula
June 30, 2011 | The Uncharted Waters of Commercializing a Service: The DriveABLE Experience – Dr. Allen Dobbs
September 22, 2011 | On Potential Collaboration with Peninsula College of Medicine & Dentistry, University of Exeter & Plymouth, United Kingdom – Dr. Donna Manca
October 28, 2011 | Are You on Facebook? Examining Professionalism in the Era of Social Media – Dr. Shelley Ross
November 25, 2011 | Factors Influencing Medical Students’ Career Choice of Family Medicine: Impact of Rural/Urban Background – Mr. Scott Mcleod
December 8, 2011 | Guidelines and Tips for Completing the Research & Scholarships Section of the Annual Report Online (ARO) – Ms. Olga Szafran
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY

Allan GM
• Director, Evidence & Continuing Professional Development Program, Alberta College of Family Physicians
• Editor, Tools for Practice Canadian Family Physician
• Reviewer, Canadian Family Physician
• Reviewer, Journal of the American Medical Association
• Reviewer, PLoS Medicine
• Reviewer, PLoS ONE
• Member, Canadian Expert Drug Advisory Committee, Canadian Agency for Drugs and Technology in Health (CADTH)

Bell N
• Member, Canadian Task Force on Preventive Health Care
• Reviewer, British Journal of General Practice
• Reviewer, Canadian Family Physician
• Reviewer, College of Family Physicians of Canada
• Reviewer, Journal of Chronic Obstructive Pulmonary Disease
• Reviewer, Healthcare Policy
• Reviewer, Medical Care

Campbell-Scherer D
• Reviewer, College of Family Physicians of Canada – Janus Research Grants
• Member, Editorial Board, Evidence-Based Medicine

Cardinal C
• Patent (pending approval), Water Treatment Plant

Cave A
• Reviewer, British Journal of General Practice
• Chair, Knowledge Synthesis Grant Committee, Canadian Institutes of Health Research
• Reviewer, College of Family Physicians of Canada
• Reviewer, Journal of the Board of Family Medicine
• Grant Reviewer, MSI Foundation
• Reviewer, North American Primary Care Research Group Conference
• Reviewer, Faculty of Medicine & Dentistry CIHR Internal Review Program
• Member, International Advisory Editorial Board, British Journal of General Practice
• NAPCRG Representative to CONCERT (COPD Outcomes-Based Network for Clinical Effectiveness and Research Translation) Group to advise the AHRQ (Agency for Healthcare Research and Quality)
• Member, International Research Committee, International Primary Care Research Group
• Masters Thesis Examiner, Department of Public Health Sciences, School of Public Health, University of Alberta
• Research Director, Family Physicians Airways Group of Canada

Dobbs B
• Reviewer, Journal of Applied Gerontology
• Reviewer, Journal of Primary Care and Community Health
OTHER RESEARCH-RELATED/SCHOLARLY ACTIVITY cont.

Donoff, M
- Developer, The Competency-Based Achievement System (Copyright Nov 29, 2011)

Humphries P
- Reviewer, *Canadian Family Physician*
- Developer, The Competency-Based Achievement System (Copyright Nov 29, 2011)
- President, Alberta College of Family Physicians (Feb 2010 – Feb 2012)
- Member, Board of Directors, College of Family Physicians of Canada (2009 – 2012)
- Vice Chair, Board of Directors, Canadian Resident Matching Service (CaRMS)

Janke F
- Reviewer, *Canadian Journal of Rural Medicine*
- Reviewer, *Canadian Medical Education Journal*
- Reviewer, Family Medicine Forum, College of Family Physicians of Canada
- Member, Executive Committee, Alberta College of Family Physicians
- Member, Guideline Development Group, (Primary Care Headache Assessment and Management Guideline), The Alberta Ambassador Program, Institute of Health Economics

Klein D
- Reviewer, *Annals of Family Medicine*
- Associate Editor, *Canadian Medical Education Journal*
- Reviewer, *Journal of the American Board of Family Practice*
- Member, Board of Directors, Research and Education Foundation, College of Family Physicians of Canada
- Research Consultant, Physician Learning Program and Division of Continuous Professional Learning, University of Alberta

Kolber M
- Reviewer, *Canadian Family Physician*
- Reviewer, *Canadian Medical Association Journal*

Konkin J
- Reviewer, *Advances in Health Sciences Education*
- Reviewer, *Canadian Journal of Rural Medicine*
- Member, Consortium of Longitudinal Integrated Clerkships
- Member, Guideline Development Group, Primary Care Headache Assessment and Management Guideline, The Alberta Ambassador Program, Institute of Health Economics

Koppula S
- Reviewer, College Family Physicians Canada
- Reviewer, *Canadian Family Physician*

Korownyk C
- Reviewer, *Diabetic Medicine*
- Reviewer, National Board of Medical Examiners
<table>
<thead>
<tr>
<th>Name</th>
<th>Activities</th>
</tr>
</thead>
</table>
| Lebrun C | • Thesis Supervisor for Nicole Lemke (Master of Science)  
• Supervisor for Fateme Esfandiarpour (Post-Doctoral Fellow)  
• Member, Clinical Journal of Sports Medicine  
• Member, Editorial Board, The Physician and Sports medicine  
• External Examiner for Sharon Allen (Master of Science), University of Calgary  
• Reviewer, American Journal of Sports Medicine  
• Reviewer, British Journal of Sports Medicine  
• Reviewer, Journal of Athletic Training  
• Reviewer, Journal of Women’s Health  
• Reviewer, Knee Surgery, Sports Traumatology and Arthroscopy  
• Reviewer, Medicine and Science in Sports and Exercise  
• Reviewer, Sports Health  
• Reviewer, Year Book of Sports Medicine |
| Manca D | • Chair, Privacy and Ethics standing Committee (PESC), Canadian Primary Care Sentinel Surveillance Network  
• Vice-Chair & Vice President, International Federation Primary Care Research Networks (IFPCRN)  
• Co-Chair, Committee on Advancing the Science of Family Medicine (CASFM) North American Primary Care Research Group  
• Clinical Director, Alberta Family Practice Research Network, (AFPRN) Alberta College of Family Physicians  
• Reviewer, Family Practice  
• Thesis Supervisor for Amy Tan (Master of Science), Cardiff University, UK  
• External Examiner for Mariel Fajer-Gomez (Master of Science), University of Alberta  
• Thesis Committee Member for Yara Assaid (Master of Science), University of Alberta |
| Moores D | • Member, Research Ethics Review Panel, College of Physicians and Surgeons of Alberta |
| Nichols D | • Reviewer, The Edmonton Manual 2011, Alberta Medical Students Association  
• Contributor, The Competency-Based Achievement System (CBAS) |
| Peng J | • Grant Reviewer, Biological and Clinical Aspects of Aging Peer Review Committee, Canadian Institutes of Health Research |
| Ross S | • Reviewer, Academic Medicine  
• Reviewer, Canadian Family Physician  
• Abstract Reviewer, American Educational Researchers Association  
• Member, Editorial Advisory Board, Canadian Journal of Education  
• Developer, The Competency-Based Achievement System (Copyright Nov 29, 2011) |
Salvalaggio, G  ● Assistant Director and Grant Reviewer, Edmonton Inner City Health Research and Education Network (EICHREN)

Schipper S  ● Contributor, The Competency-Based Achievement System (CBAS)

Szafran O  ● Reviewer and Poster Judge, Accelerating Primary Care Conference, Alberta Health Services
● Reviewer, AFPRN Research Presentations, Annual Scientific Assembly, Alberta College of Family Physicians
● Abstract Reviewer, North American Primary Care Research Group Conference
● Grant Reviewer, Janus Research Grants, College of Family Physicians of Canada
● Reviewer, Research Awards for Family Medicine Residents, College of Family Physicians of Canada

Tan A  ● Member, Guideline Development Group, Primary Care Headache Assessment and Management Guideline, The Alberta Ambassador Program, Institute of Health Economics

Triscott J  ● Thesis Examiner for Shelley Peacock (PhD), University of Alberta
● Thesis Examiner for Lisa Adams (PhD), University of Alberta
● Thesis Examiner for Julia Lin Ding (PhD), University of Alberta
● Co-Director, Centre for the Cross-Cultural Study of Health and Healing

Waugh E  ● Editor in Chief, Religious Studies and Theology: An Interdisciplinary Journal
● Thesis Examiner for Maryam Razavy (PhD), University of Alberta
● Thesis Examiner for Jeremy Hosein (Master of Islamic Studies), University of Alberta
● Book Reviewer, University of Alberta Press
● Book Reviewer, University of Toronto Press
● Director, Centre for the Cross-Cultural Study of Health & Healing
FAMILY MEDICINE RESEARCH DAY – JUNE 3, 2011

Plenary Address
“Career-Long Maintenance of Quality: The Role of the CPSA.”
John Swiniarski, Assistant Registrar, College of Physicians and Surgeons of Alberta

Oral Presentations
- Use of Acetylsalicyclic Acid for Cardiovascular Prevention by Family Practice Patients – Dr. Nadder Sharif
- Is the Edmonton Symptom Assessment System Valid for Use in an Elderly Population? – Dr. Martin Moran
- Are Coronary Artery Disease and Depression Independently Associated? A Primary Care Population-Based Analysis – Dr. Denise Campbell-Scherer
- Determination of Time in Therapeutic Range for Patients on Coumadin for Atrial Fibrillation Using JAVA-Based Software – Dr. Scott MacLean
- Facilitators and Barriers to Nurses Working Within Interdisciplinary Teams in Primary Care Networks – Ms. Sandy Robertson
- Do Critical Thinking Tools Predict Academic and Clinical Success? Preliminary Results of a Systematic Review. Implications for the Future – Dr. David Ross
- Do We Practice Osteoporosis Screening According to Practice Guidelines? - Dr. Fozia Zakaria
- The Canadian Primary Care Sentinel Surveillance Network: Knowledge Exchange by Bridging the Evidence-Practice Gap – Dr. Donna Manca
- Obstetrical Care in Rural Community – Dr. Jennifier Hammell
- Does Spironolactone Have a Role in Female Pattern Hair Loss – Dr. Jed Shimizu
- Osteoporosis Screening – Dr. Keith Martin
- The Competency-Based Achievement System (CBAS) Pilot: The Correlation Between Effective Feedback and Resident Perceptions of the System – Dr. Shelley Ross

Posters
- Dobbs B. Identifying, Assessing, and Supporting the Medically At-Risk/Impaired Driver.
- Dobbs B, Shergill S. Screening for Driving Competency: A Comparison Between Trails A and B and the SIMARD MD.
- Lee C, Parmar J, Dobbs B, Marin A, McKay R. Improving Identification and Management of Patients with Dementia in the WestView Community: Developing a Collaborative Care Model.
- Ross S, Donoff M, Humphries P. The Competency-Based Achievement System (CBAS): Using Formative Feedback to Teach and Assess Competencies with Family Medicine Residents.
FAMILY MEDICINE RESEARCH DAY – JUNE 3, 2011

- Salvalaggio G, Campbell-Scherer D, Steele L, Mozgala V, Lang-Robertson K, Bell S, Rogers J, Manca D, Grunfeld E. Screening and Primary Prevention in Primary Care in Patients with Co-morbid Depression; Evidence Review and Tool Identification for the BETTER Coalition.
- Triscott J, Green C. Prevalence and Treatment of Anemia on Geriatric Assessment and Management Units.

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 (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 develop the skills required to implement the process of quality assessment and improvement in clinical practice.*

#### 2010/2011 Academic Year (2nd Year Residents)

<table>
<thead>
<tr>
<th>Resident</th>
<th>PQI Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABDELLATIF, Dalia MA</td>
<td>Breast cancer screening in a community clinic for female patients 40–49 years old.</td>
</tr>
<tr>
<td>ADRIANO, Alvin</td>
<td>Screening for microalbuminuria in diabetes mellitus type 2.</td>
</tr>
<tr>
<td>ALLEN, Shannon</td>
<td>Monitoring glycemic control for diabetes mellitus type 1 and 2.</td>
</tr>
<tr>
<td>ASHER, Ayesha</td>
<td>Screening for colon cancer.</td>
</tr>
<tr>
<td>ASIF, Nusrat</td>
<td>Angiotensin converting enzyme inhibitors and angiotensin receptor blockers in diabetic patients.</td>
</tr>
<tr>
<td>ALCARAZ-LIMCANGO, Yolanda</td>
<td>Male osteoporosis screening.</td>
</tr>
<tr>
<td>AZAD, Hamid Adib</td>
<td>Osteoporosis screening in men.</td>
</tr>
<tr>
<td>BIRDI, Ravdeep Singh</td>
<td>Colorectal cancer screening.</td>
</tr>
<tr>
<td>BREHMER, Larry</td>
<td>What percentage of patients diagnosed with osteoporosis in the previous six years have had a follow up bone mineral density (BMD) by dual energy x-ray absorptiometry (DXA) within two years?</td>
</tr>
<tr>
<td>BUCKO, Jacqueline</td>
<td>Guidelines for screening for cervical cancer.</td>
</tr>
<tr>
<td>CHEUNG, Claudia</td>
<td>How many diabetic patients have not had their glycated HbA1c done in the past 6 months?</td>
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<tr>
<td>CHEUNG, Joseph</td>
<td>Frequency of bone mineral density screening in men older than 65.</td>
</tr>
<tr>
<td>COMEAU, Natalie</td>
<td>Screening for asymptomatic bacteriuria and bacterial vaginosis in pregnancy.</td>
</tr>
<tr>
<td>CÔTÉ, Erin</td>
<td>Cervical cancer screening.</td>
</tr>
<tr>
<td>DEOL, Janjeevan</td>
<td>Microalbuminuria screening in diabetes mellitus type 2.</td>
</tr>
<tr>
<td>EDDY, Andrew</td>
<td>Screening for breast cancer.</td>
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<tr>
<td>GEE, Christopher</td>
<td>Adding antiplatelet therapy to patients on anticoagulation in a primary care setting: Looking at dual Coumadin-aspirin therapy.</td>
</tr>
<tr>
<td>HAMMELL, Jennifer</td>
<td>Slave Lake maternity services.</td>
</tr>
<tr>
<td>HORNBY, Emily</td>
<td>A retrospective chart audit of cervical cancer screening practices in 2010 at Family Health Clinic.</td>
</tr>
<tr>
<td>HRDLICKA, Adam</td>
<td>Male osteoporosis screening in primary care.</td>
</tr>
<tr>
<td>HUSSAIN, Syed Shoib</td>
<td>Are patients meeting the goals of cholesterol (LDL) management indicated by their cardiac risk factor analysis?</td>
</tr>
<tr>
<td>2010/2011 Academic Year Resident</td>
<td>PQI Topic</td>
</tr>
<tr>
<td>----------------------------------</td>
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<tr>
<td>JANMOHAMED, Jamil</td>
<td>Screening fasting lipid profiles in diabetes mellitus type II: A one year follow up.</td>
</tr>
<tr>
<td>KERS, Albert Anthony</td>
<td>Screening for dyslipidemia in young patients with hypertension.</td>
</tr>
<tr>
<td>KHAN, Uzma</td>
<td>Osteoporosis screening.</td>
</tr>
<tr>
<td>KIRKWOOD, Jessica</td>
<td>Thyroid screening in pregnancy.</td>
</tr>
<tr>
<td>LaRUE, Jordan</td>
<td>Screening for chlamydia in females under 24 years of age.</td>
</tr>
<tr>
<td>LIM, Maileen</td>
<td>Prenatal screening for fetal aneuploidy.</td>
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<tr>
<td>LOTT, Bettina</td>
<td>Herpes zoster vaccinations.</td>
</tr>
<tr>
<td>LOU, Samuel</td>
<td>Adherence to international normalized ratio (INR) monitoring.</td>
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<tr>
<td>LOW, Jason</td>
<td>Screening for chronic kidney disease in diabetic patients.</td>
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<tr>
<td>MA, Victoria</td>
<td>The use of oral glucose tolerance test in type 2 diabetes screening.</td>
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<tr>
<td>MALLETT, Aaron</td>
<td>Target HbA1c in patients with type 2 diabetes.</td>
</tr>
<tr>
<td>MELOCHE, Eryn</td>
<td>Colorectal cancer screening: An audit of screening rates in average risk patients between the ages of 50 and 74.</td>
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<tr>
<td>MORROW, Donna</td>
<td>Lipid management in patients with diabetes mellitus.</td>
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<tr>
<td>NANKISSOOR, Basdeo</td>
<td>Audit of patients 50-60 years, who had a mammography in the last 2 years.</td>
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<tr>
<td>NAZER, Farhang</td>
<td>Influenza vaccination in a COPD population.</td>
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<tr>
<td>NECHIFOR, Roxana</td>
<td>Screening for diabetic retinopathy.</td>
</tr>
<tr>
<td>O’BRIEN, Kristina</td>
<td>Screening for cervical cancer: Are we screening too early?</td>
</tr>
<tr>
<td>OLESENC, Sarah</td>
<td>Are we appropriately using the oral glucose tolerance test in the diagnosis of gestational diabetes mellitus?</td>
</tr>
<tr>
<td>OSMAN, Ebtihal</td>
<td>Dyslipidemia management in patients with type 2 diabetes mellitus: Compliance with clinical practice guidelines.</td>
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<tr>
<td>PIEBIAK PATTERSON, Krista</td>
<td>Is COPD being appropriately diagnosed?</td>
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<tr>
<td>PLOHOTNIUC, Evghen</td>
<td>Dyslipidemia control in patients after acute coronary syndrome.</td>
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<tr>
<td>POTVIN, Nicholas</td>
<td>Use of anti-hypertensives in a primary care practice.</td>
</tr>
<tr>
<td>QUINN, Matthew</td>
<td>Adherence to changes in cholesterol guidelines, with a focus on diabetic patients.</td>
</tr>
<tr>
<td>RAHN, Andrea</td>
<td>Screening for abdominal aortic aneurysms in primary care.</td>
</tr>
<tr>
<td>RAJPUT, Sobia Imran</td>
<td>Monitoring glycemic control in diabetes mellitus type 1 and 2.</td>
</tr>
<tr>
<td>RAZA, Shaheen</td>
<td>Screening for diabetic nephropathy in type 1 and type 2 diabetics.</td>
</tr>
<tr>
<td>SALEH, Naji</td>
<td>Hyperglycemic control in diabetes mellitus.</td>
</tr>
</tbody>
</table>
### PRACTICE QUALITY IMPROVEMENT (PQI) PROJECTS (2\textsuperscript{nd} Year Residents) cont.

<table>
<thead>
<tr>
<th>2010/2011 Academic Year Resident</th>
<th>PQI Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHALABY, Ashraf M. Kamel</td>
<td>Glycemia control for type 2 diabetes mellitus.</td>
</tr>
<tr>
<td>SHAO, Wei</td>
<td>Are diabetic patients meeting their target blood pressure?</td>
</tr>
<tr>
<td>SHARIF, Nadder</td>
<td>Use of acetylsalicylic acid for cardiovascular disease prevention.</td>
</tr>
<tr>
<td>SHAROBIM, Monica</td>
<td>Prenatal genetic screening.</td>
</tr>
<tr>
<td>SHIBATA-STAMM, Mariko</td>
<td>Pneumococcal polysaccharide vaccine 23.</td>
</tr>
<tr>
<td>SINGAL, Mayank</td>
<td>Colorectal cancer screening.</td>
</tr>
<tr>
<td>SIVAKUMAR, Prabavathy</td>
<td>Monitoring glycemic control in diabetes mellitus.</td>
</tr>
<tr>
<td>SUN, Wei David</td>
<td>Colon cancer screening.</td>
</tr>
<tr>
<td>SUNG, Hyun Ju</td>
<td>Screening pulmonary function test in chronic opioid therapy.</td>
</tr>
<tr>
<td>SWAINSON, Stephen</td>
<td>Screening for osteoporosis in females over age 65 using bone mineral density testing.</td>
</tr>
<tr>
<td>TIMOTHY, Toma Jackie</td>
<td>Are HbA1cs being measured in accordance with national guidelines in non-insulin dependent type II diabetics who are deemed to be poorly controlled?</td>
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<tr>
<td>VASANJI, Adil</td>
<td>Albumin/creatinine ratios in diabetic patients.</td>
</tr>
<tr>
<td>WARREN, Robert</td>
<td>Anti-coagulation in patients with atrial fibrillation in a rural medical practice.</td>
</tr>
<tr>
<td>YUE, Jody</td>
<td>Immunization rates for tetanus in a community-based family medicine clinic.</td>
</tr>
<tr>
<td>ZAKARIA, Fozia</td>
<td>Do we screen for osteoporosis as per practice guidelines?</td>
</tr>
<tr>
<td>ZHANG, Ricky Xin Yun</td>
<td>Osteoporosis screening in men.</td>
</tr>
</tbody>
</table>

### BEARS PROJECTS (1\textsuperscript{st} 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). During 2010/2011, residents completed 243 BEARS projects.
<table>
<thead>
<tr>
<th>Student:</th>
<th>Project Title:</th>
<th>Funded by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHU, Benjamin (1st yr Medicine, UofA)</td>
<td>Towards Patient-Centred Addictions Care in a Socio-Economically Disadvantaged Urban Population</td>
<td>Office of the Provost &amp; Vice-President (Academic) University of Alberta, and Alberta Innovates-Health Solutions (Knowledge Transfer/Exchange Grant)</td>
</tr>
<tr>
<td>EDWARDS, Allison D (1st Yr Medicine, UofA)</td>
<td>Prenatal Skills and Experiences: What is the Effect of Targeted Training?</td>
<td>Medical Education Summer Studentship Award</td>
</tr>
<tr>
<td>GRAF, Christine M (1st yr Medicine, UofA)</td>
<td>Evaluation of the Alpha-1 Screening Program in Family Practice</td>
<td>CIHR Health Professional Student Research Award</td>
</tr>
<tr>
<td>HANAFI, Sarah (1st Yr Science, McGill University)</td>
<td>Tools to Assess Cultural Competency of Health Professionals</td>
<td>Department of Family Medicine</td>
</tr>
<tr>
<td>HEGSTROM, Amy (1st yr Medicine, UofA)</td>
<td>Teaching the Teachers: Using Written Formative Feedback as a Basis for Improving Preceptor Teaching</td>
<td>Medical Education Summer Studentship Award</td>
</tr>
<tr>
<td>KIRWAN, Catherine (3rd yr Science, UofA)</td>
<td>Improving the Diagnosis and Management of Dementia in Primary Care: An Innovative, Collaborative Approach in the Westview Primary Care Network</td>
<td>Northern Alberta Clinical Trials and Research Centre and Westview Primary Care Network (Geriatric Assessment Team Project Grant)</td>
</tr>
<tr>
<td>KIRWAN, Paul V (3rd yr Engineering, UofA)</td>
<td>Are you on Facebook? Exploring the Attitudes of Students and Faculty to the Role of Social Networking Software in Health Professional Education</td>
<td>Medical Education Summer Studentship Award</td>
</tr>
<tr>
<td>NGUYEN, Audrey (1st yr Science, UofA)</td>
<td>Medically At-Risk Drivers</td>
<td>Office of the Provost &amp; Vice-President (Academic) and Medically At-Risk Drivers (MARD) Centre</td>
</tr>
</tbody>
</table>
SUMMER STUDENT RESEARCH PROJECTS – 2011 cont.

Student:  SHERGILL, Simran (2nd yr Science, UofA)
Supervisor:  Bonnie Dobbs
Project Title:  An Examination of the Relationship Between Chemo Brain and Impairment in Driving Performance
Funded by:  Northern Alberta Clinical Trials and Research Centre

Student:  SPITZMACHER, Jared (1st yr Science, UofA)
Supervisor:  Michael Allan & Tina Korownyk
Project Title:  Review of Evidence Ratings and Applications to Clinical Practice
Funded by:  Edmonton North Primary Care Network and Alberta College of Family Physicians

Student:  TRISCOTT, Elizabeth (1st yr Science, UofA)
Supervisor:  Alexandra Marin & Bonnie Dobbs
Project Title:  Multidisciplinary Approach to Assessment and Management of Dementia in Acute Care Setting: Multidisciplinary Team Questionnaire
Funded by:  Covenant Health

Student:  ZABRZENSKI, Klaudia (2nd yr Science, UofA)
Supervisor:  Marjan Abbasi & Bonnie Dobbs
Project Title:  Adherence to Treatment Recommendations and Congruency in Goals of Care in an Outpatient Geriatric Assessment Setting
Funded by:  Northern Alberta Clinical Trials and Research Centre

GRADUATE STUDENT RESEARCH ASSISTANTS

Student:  BARBER, Amee (June – September 2011)
Supervisor:  Shelley Ross
Project Title:  Competency-Based Assessment System (CBAS)

Student:  MANCA, Terra (October 2011 – May 2012)
Supervisor:  Shelley Ross
Project Title:  Competency-Based Assessment System (CBAS)

Student:  TORTI, Jacqueline (September 2011 – May 2012)
Supervisor:  Olga Szafran & Earle Waugh
Project Title:  Young Caregivers in Edmonton

Student:  BARRON, Gary (September 2011 – May 2012)
Supervisor:  Donna Manca
Project Title:  The Canadian Primary Care Sentinel Surveillance Network (CPCSSN) and Building on Existing Tools to Improve Chronic Disease Prevention in Family Practice (BETTER)
ACKNOWLEDGEMENTS

We are grateful to the following funding agencies and organizations for supporting our research during 2011:

- Agency for Healthcare Research and Quality
- Alberta Centre for Child, Community and Family Research
- Alberta College of Family Physicians
- Alberta Health Services
- Alberta Heritage Foundation for Medical Research
- Alberta Innovates – Health Solutions
- Alberta International Medical Graduate Program
- Alberta Lung Association
- Alberta Mental Health Research Fund
- Alberta Motor Association
- Alberta Motor Association Foundation for Traffic Safety
- Alberta Rural Physician Action Plan (RPAP)
- Alzheimer Society of Canada
- Arthroscopy Association of North America
- Astella Pharma Canada, Inc
- Canadian Arthritis Network Research Program
- Canadian Institutes of Health Research
- Caritas Health Group/Covenant Health
- College of Family Physicians of Canada – Janus Grant
- Department of Family Medicine
- Dr. Scott H. McLeod Family Medicine Memorial Fund
- Edmonton North Primary Care Network
- Elan
- Good Samaritan Society
- Government of Alberta
- Heart and Stroke Foundation of Canada
- Insurance Bureau of Canada
- Ken Flood Foundation
- Lundbeck Pharmaceuticals
- Medical Council of Canada
- Ministry of Transportation of Ontario
- MITACS Inc & AQL Management
- MSI Foundation
- Novartis
- Ortho-Janssen
- Parkinson’s Society of Alberta
- Pfizer Pharmaceuticals Canada
- PGME – Educational Research Grant, University of Alberta
- Public Health Agency of Canada
- Royal Alexandra Hospital Foundation
- Sanofi-Aventis Canada Inc
- Social Sciences and Humanities Research Council
- Sport Science Association of Alberta
- Talecris
- Teaching and Learning Enhancement Fund, University of Alberta
- University of Calgary
- Women and Children’s Health Research Institute